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PTO/SB/05 (2/98)

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Only for new nonprovisional applications under 37 CFR 1.53(b)

Attorney Docket No.	04983.0119.US01/38-21(15598)B
First Named Inventor or Application Identifier	BYRUM
Title	Nucleic Acid Molecules and Other Molecules Associated with Plants
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (Form PTO-1082)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
- ☐ Drawing(s) (35 USC 113) [Total Sheets]
- ☐ Oath or Declaration [Total Pages]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named
in the prior application, see 37 CFR 1.63(d)(2) and
1.33(b).
- ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☒ Computer Readable Copy
- b. ☒ Paper Copy (identical to computer copy)
- c. ☒ Statement verifying identity of above
copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)
(should be specifically itemized)
14. ☐ *Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior Application Information: Examiner: Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

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Signature	<i>David R. Marsh</i>	Date	October 15, 1999

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October 15, 1999

Box Patent Application

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Non-Provisional Utility Patent Application
Application No.: To Be Assigned
Filed: Herewith
For: **Nucleic Acid Molecules and Other
Molecules Associated with Plants**
Inventors: Joseph R. BYRUM
Atty. Docket: 04983.0119.US01/38-21(15598)B

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. Form PTO-1082;
3. U.S. Utility Patent Application entitled:

Nucleic Acid Molecules and Other Molecules Associated with Plants

and naming as inventors:

Joseph R. BYRUM

the application consisting of:

- a. A specification containing:
 - (i) 767 pages of a description prior to the claims;
 - (ii) 2 pages of claims (15 claims);
 - (iii) a one (1) page abstract; and
 - (iv) 15,379 pages of a sequence listing;

Page 2

6. Two (2) return postcards.

This application is being filed **without** an executed Declaration and without fee.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

Respectfully submitted,

Ed R. Marsh

David R. Marsh (Reg. No. 41,408)

Enclosures

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Attorney Docket No. 04983.0119.US01/38-21(15598)B

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventors: Joseph R. BYRUM

For: Nucleic Acid Molecules and Other Molecules Associated with Plants

Enclosed are:

- ☒ U.S. Utility Patent Application (consisting of 767 pages of description prior to the claims; 2 pages of claims, 1 page abstract, and 15,379 pages of a sequence listing)
- ☒ CD-ROM containing the sequence listing
- ☒ Statement regarding Sequence Submission

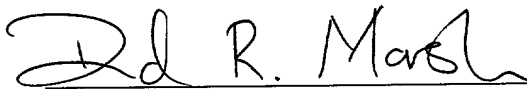
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INDEP. CLAIMS	- 3 =	*	x 39 =		OR	x 78 =	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 130 =		OR	+ 260 =	
If the difference in Col. 1 is less than zero, enter "0" in Col. 2			TOTAL	\$	OR	TOTAL	\$ 760.00

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- ☐ Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.

Date: October 15, 1999


 David R. Marsh (Reg. No. 41,408)

NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH PLANTS

Field of the Invention

The present invention is in the field of plant genetics. More specifically the invention relates to nucleic acid molecules and nucleic acid molecules that contain markers, in particular, single nucleotide polymorphism (SNP) and repetitive element markers. In addition, the present invention provides nucleic acid molecules having regulatory elements or encoding proteins or fragments thereof. The invention also relates to proteins and fragments of proteins so encoded and antibodies capable of binding the proteins. The invention also relates to methods of using the nucleic acid molecules, markers, repetitive elements and fragments of repetitive elements, regulatory elements, proteins and fragments of proteins.

Background of the Invention

I. SEQUENCE TAGGED CONNECTOR NUCLEIC ACID MOLECULES AND THE BACTERIAL ARTIFICIAL CHROMOSOMES (BACS) CONTAINING THESE SEQUENCES.

Sequence tagged connectors, or STCs, are sequences of insert data generated from both ends (at the vector-insert point) of a BAC clone in a genomic library. These sequences, and BACs containing these STC sequences, can be used, for example, for marker development, genetic mapping or linkage analysis, marker assisted breeding, and physical genome mapping (Venter, *et al.*, *Nature*, 381:364-366 (1996), the entirety of which is herein incorporated by reference; Choi and Wing, <http://www.genome.clemson.edu/protocols2-nj.html> July, 1998). STCs can represent a copy of up to a full length of a mRNA transcript, a promoter element or part of a promoter, can contain simple sequence repeats (also called microsatellites) repetitive elements or fragments of repetitive elements, other DNA markers, or any combination thereof.

Markers have been used in genetic mapping which can be a step in isolating a gene. Genetic mapping or linkage analysis is based on the level at which markers and genes are co-inherited (Rothwell, *Understanding Genetics. 4th Ed.*, Oxford University Press, New York, p. 703 (1988)). Statistical tests like chi-square analysis can be used to

5 test the randomness of segregation or linkage (Kochert, *The Rockefeller Foundation International Program on Rice Biotechnology*, University of Georgia, Athens, GA, pp. 1-14 (1989), the entirety of which is herein incorporated by reference). In linkage mapping, the proportion of recombinant individuals out of the total mapping population provides the information for determining the genetic distance between the loci (Young,

10 *Encyclopedia of Agricultural Science*, Vol. 3, pp. 275-282 (1994), the entirety of which is herein incorporated by reference).

Classical mapping studies utilize easily observable, visible traits instead of molecular markers. These visible traits are also known as naked eye polymorphisms. These traits can be morphological like plant height, fruit size, shape and color or

15 physiological like disease response, photoperiod sensitivity or crop maturity. Visible traits are useful and are still in use because they represent actual phenotypes and are easy to score without any specialized lab equipment. By contrast, the other types of genetic markers are arbitrary loci for use in linkage mapping and often not associated to specific plant phenotypes (Young, *Encyclopedia of Agricultural Science*, Vol. 3, pp. 275-282

20 (1994)). Many morphological markers cause such large effects on phenotype that they are undesirable in breeding programs. Many other visible traits have the disadvantage of being developmentally regulated (i.e., expressed only at certain stages; or in specific tissues and organs). Often times, visible traits mask the effects of linked minor genes making it nearly impossible to identify desirable linkages for selection (Tanksey, *et al.*,

25 *Biotech.* 7:257-264 (1989), the entirety of which is herein incorporated by reference).

Although a number of important agronomic characters are controlled by loci having major effects on phenotype, many economically important traits, such as yield and

some forms of disease resistance, are quantitative in nature. This type of phenotypic variation in a trait is characterized by continuous, normal distribution of phenotypic values in a particular population (Beckmann and Soller, *Oxford Surveys of Plant Molecular Biology*, Miffen. (ed.), Vol. 3, Oxford University Press, UK., pp. 196-250 (1986), the entirety of which is herein incorporated by reference). Such traits are governed by a large number of loci, Quantitative Trait Loci (QTL), each of which can make a small positive or negative effect to the final phenotype value of the trait (Beckmann and Soller, *Oxford Surveys of Plant Molecular Biology*, Miffen. (ed.), Vol. 3, Oxford University Press, U.K., pp. 196-250 (1986)). Loci contributing to such genetic variation are often termed minor genes as opposed to major genes with large effects that follow a Mendelian pattern of inheritance. Polygenic traits are also predicted to follow a Mendelian type of inheritance, however the contribution of each locus is expressed as an increase or decrease in the final trait value.

Markers have been used in physical mapping studies with BAC libraries made from plant genomes. Such mapping studies have been carried out in rice (Kim *et al.*, *Genomics* 34:213-218 (1996), the entirety of which is herein incorporated by reference; Hang, *Plant Mol. Biol.* 35:129-133 (1997), the entirety of which is herein incorporated by reference; Zhang and Wing., *Plant Mol. Bio.* 35:115-127 (1997), the entirety of which is herein incorporated by reference; Chen *et al.*, *Proc. Acad. Sci. (U.S.A.)* 94:3431-3435 (1997), the entirety of which is herein incorporated by reference; Wang *et al.*, *Plant J.* 7:525-533 (1995), the entirety of which is herein incorporated by reference), sorghum (Zwick *et al.*, *Genetics* 148:1983-1992 (1998), the entirety of which is herein incorporated by reference; Zhang, *et al.*, *Molecular Breeding* 2:11-24 (1996), the entirety of which is herein incorporated by reference), maize (Chen, *et al.*, *Proc. Acad. Sci. (U.S.A.)* 94:3431-3435 (1997), the entirety of which is herein incorporated by reference), and *Arabidopsis* (Kim, *et al.*, *Genomics* 34:213-218 (1996), the entirety of which is herein incorporated by reference).

Repetitive elements have been used in physical mapping in cereals (Ananiev, *et al.*, *Proc. Acad. Sci. (U.S.A.)* 95:13073-8 (1998), the entirety of which is herein incorporated by reference; McLean *et al.*, *Mol Gen Genet* 253:687-694 (1997), the entirety of which is herein incorporated by reference)

5 II. SEQUENCE COMPARISONS

STCs and sequenced BACs can be compared, for example, to sequences that encode promoters or proteins. These homologies can be determined by similarity searches (Adams, *et al.*, *Science* 252:1651-1656 (1991), the entirety of which is herein incorporated by reference).

10 A characteristic feature of a DNA sequence is that it can be compared with other DNA sequences. Sequence comparisons can be undertaken by determining the similarity of the test or query sequence with sequences in publicly available or propriety databases ("similarity analysis") or by searching for certain motifs ("intrinsic sequence analysis")(e.g., *cis* elements)(Coulson, *Trends in Biotechnology*, 12:76-80 (1994), the
15 entirety of which is herein incorporated by reference; Birren, *et al.*, *Genome Analysis*, 1:543-559 (1997), the entirety of which is herein incorporated by reference).

Similarity analysis includes database search and alignment. Examples of public databases include the DNA Database of Japan (DDBJ)(<http://www.ddbj.nig.ac.jp/>); Genebank (<http://www.ncbi.nlm.nih.gov/web/Genbank/Index.html>); and the European
20 Molecular Biology Laboratory Nucleic Acid Sequence Database (EMBL) (http://www.ebi.ac.uk/ebi_docs/embl_db.html). A number of different search algorithms have been developed, one example of which are the suite of programs referred to as BLAST programs. There are five implementations of BLAST, three designed for nucleotide sequences queries (BLASTN, BLASTX, and TBLASTX) and two designed
25 for protein sequence queries (BLASTP and TBLASTN) (Coulson, *Trends in Biotechnology*, 12:76-80 (1994); Birren, *et al.*, *Genome Analysis*, 1:543-559 (1997)).

BLASTN takes a nucleotide sequence (the query sequence) and its reverse complement and searches them against a nucleotide sequence database. BLASTN was designed for speed, not maximum sensitivity, and may not find distantly related coding sequences. BLASTX takes a nucleotide sequence, translates it in three forward reading frames and three reverse complement reading frames, and then compares the six translations against a protein sequence database. BLASTX is useful for sensitive analysis of preliminary (single-pass) sequence data and is tolerant of sequencing errors (Gish and States, *Nature Genetics*, 3:266-272 (1993), the entirety of which is herein incorporated by reference). BLASTN and BLASTX may be used in concert for analyzing STC data (Coulson, *Trends in Biotechnology*, 12:76-80 (1994); Birren, *et al.*, *Genome Analysis*, 1:543-559 (1997)).

Given a coding nucleotide sequence and the protein it encodes, it is often preferable to use the protein as the query sequence to search a database because of the greatly increased sensitivity to detect more subtle relationships. This is due to the larger alphabet of proteins (20 amino acids) compared with the alphabet of nucleic acid sequences (4 bases), where it is far easier to obtain a match by chance. In addition, with nucleotide alignments, only a match (positive score) or a mismatch (negative score) is obtained, but with proteins, the presence of conservative amino acid substitutions can be taken into account. Here, a mismatch may yield a positive score if the non-identical residue has physical/chemical properties similar to the one it replaced. Various scoring matrices are used to supply the substitution scores of all possible amino acid pairs. A general purpose scoring system is the BLOSUM62 matrix (Henikoff and Henikoff, *Proteins*, 17:49-61 (1993), the entirety of which is herein incorporated by reference), which is currently the default choice for BLAST programs. BLOSUM62 is tailored for alignments of moderately diverged sequences and thus may not yield the best results under all conditions. Altschul, *J. Mol. Biol.* 36:290-300 (1993), the entirety of which is herein incorporated by reference, uses a combination of three matrices to cover all

contingencies. This may improve sensitivity, but at the expense of slower searches. In practice, a single BLOSUM62 matrix is often used but others (PAM40 and PAM250) may be attempted when additional analysis is necessary. Low PAM matrices are directed at detecting very strong but localized sequence similarities, whereas high PAM matrices are directed at detecting long but weak alignments between very distantly related sequences.

Homologues in other organisms are available that can be used for comparative sequence analysis. Multiple alignments are performed to study similarities and differences in a group of related sequences. CLUSTAL W is a multiple sequence alignment package available that performs progressive multiple sequence alignments based on the method of Feng and Doolittle, *J. Mol. Evol.* 25:351-360 (1987), the entirety of which is herein incorporated by reference. Each pair of sequences is aligned and the distance between each pair is calculated; from this distance matrix, a guide tree is calculated, and all of the sequences are progressively aligned based on this tree. A feature of the program is its sensitivity to the effect of gaps on the alignment; gap penalties are varied to encourage the insertion of gaps in probable loop regions instead of in the middle of structured regions. Users can specify gap penalties, choose between a number of scoring matrices, or supply their own scoring matrix for both the pairwise alignments and the multiple alignments. CLUSTAL W for UNIX and VMS systems is available at:

<ftp.ebi.ac.uk>. Another program is MACAW (Schuler *et al.*, *Proteins, Struct. Func. Genet*, 9:180-190 (1991), the entirety of which is herein incorporated by reference, for which both Macintosh and Microsoft Windows versions are available. MACAW uses a graphical interface, provides a choice of several alignment algorithms, and is available by anonymous ftp at: ncbi.nlm.nih.gov (directory/pub/macaw).

Sequence motifs are derived from multiple alignments and can be used to examine individual sequences or an entire database for subtle patterns. With motifs, it is sometimes possible to detect distant relationships that may not be demonstrable based on

comparisons of primary sequences alone. Currently, the largest collection of sequence motifs in the world is PROSITE (Bairoch and Bucher, *Nucleic Acid Research*, 22:3583-3589 (1994), the entirety of which is herein incorporated by reference). PROSITE may be accessed via either the ExPASy server on the World Wide Web or anonymous ftp site.

- 5 Many commercial sequence analysis packages also provide search programs that use PROSITE data.

A resource for searching protein motifs is the BLOCKS E-mail server developed by S. Henikoff, *Trends Biochem Sci.*, 18:267-268 (1993), the entirety of which is herein incorporated by reference; Henikoff and Henikoff, *Nucleic Acid Research*, 19:6565-6572
10 (1991), the entirety of which is herein incorporated by reference; Henikoff and Henikoff, *Proteins*, 17:49-61 (1993). BLOCKS searches a protein or nucleotide sequence against a database of protein motifs or "blocks." Blocks are defined as short, ungapped multiple alignments that represent highly conserved protein patterns. The blocks themselves are derived from entries in PROSITE as well as other sources. Either a protein or nucleotide
15 query can be submitted to the BLOCKS server; if a nucleotide sequence is submitted, the sequence is translated in all six reading frames and motifs are sought in these conceptual translations. Once the search is completed, the server will return a ranked list of significant matches, along with an alignment of the query sequence to the matched BLOCKS entries.

20 Conserved protein domains can be represented by two-dimensional matrices, which measure either the frequency or probability of the occurrences of each amino acid residue and deletions or insertions in each position of the domain. This type of model, when used to search against protein databases, is sensitive and usually yields more accurate results than simple motif searches. Two popular implementations of this
25 approach are profile searches (such as GCG program ProfileSearch) and Hidden Markov Models (HMMs) (Krough, *et al.*, *J. Mol. Biol.* 235:1501-1531 (1994); Eddy, *Current Opinion in Structural Biology* 6:361-365 (1996), both of which are herein incorporated

by reference in their entirety). In both cases, a large number of common protein domains have been converted into profiles, as present in the PROSITE library, or HMM models, as in the Pfam protein domain library (Sonnhammer, *et al.*, *Proteins* 28:405-420 (1997), the entirety of which is herein incorporated by reference). Pfam contains more than 500

5 HMM models for enzymes, transcription factors, signal transduction molecules, and structural proteins. Protein databases can be queried with these profiles or HMM models, which will identify proteins containing the domain of interest. For example, HMMSW or HMMFS, two programs in a public domain package called HMMER (Sonnhammer, *et al.*, *Proteins* 28:405-420 (1997)) can be used.

10 PROSITE and BLOCKS represent collected families of protein motifs. Thus, searching these databases entails submitting a single sequence to determine whether or not that sequence is similar to the members of an established family. Programs working in the opposite direction compare a collection of sequences with individual entries in the protein databases. An example of such a program is the Motif Search Tool, or MoST
 15 (Tatusov, *et al.*, *Proc. Natl. Acad. Sci.* 91:12091-12095 (1994), the entirety of which is herein incorporated by reference). On the basis of an aligned set of input sequences, a weight matrix is calculated by using one of four methods (selected by the user); a weight matrix is simply a representation, position by position in an alignment, of how likely a particular amino acid will appear. The calculated weight matrix is then used to search the
 20 databases. To increase sensitivity, newly found sequences are added to the original data set, the weight matrix is recalculated, and the search is performed again. This procedure continues until no new sequences are found.

Summary of the Invention

The present invention includes and provides a substantially purified nucleic acid
 25 molecule, the nucleic acid molecule capable of specifically hybridizing to a second

nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 36935 or complement or fragment thereof.

The present invention provides a substantially purified nucleic acid molecule comprising a nucleic acid molecule or fragment thereof having a pair of defined ends,

5 wherein the pair of defined ends are selected from the defined ends in Table A.

The present invention provides a substantially purified protein or fragment thereof encoded by a first nucleic acid molecule which specifically hybridizes to a second nucleic acid molecule, the second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO:1 through SEQ ID NO:36935 or complements thereof.

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The present invention provides a substantially purified protein or fragment thereof encoded by a nucleic acid sequence selected from the group consisting of SEQ ID NO:1 through SEQ ID NO:36935 or complements thereof.

The present invention provides a transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule; which is linked to (B) a structural nucleic acid molecule, wherein the structural nucleic acid molecule is selected from the group consisting of SEQ ID NO:1 through SEQ ID NO:36935 or complements thereof or fragments of either; which is linked to (C) a 3' non-translated sequence that functions in a plant cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

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The present invention provides a transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule wherein the promoter nucleic acid molecule is selected from the group consisting of SEQ ID NO:1 through SEQ ID NO:36935 or complements thereof or fragments of either; which is linked to (B) a structural nucleic acid molecule encoding a protein or peptide; which is linked to (C) a 3'

25

non-translated sequence that functions in a plant cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

The present invention provides a transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule; which is linked to (B) a transcribed nucleic acid molecule with a transcribed strand and a non-transcribed strand, wherein the transcribed strand is complementary to a nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO:1 through SEQ ID NO:36935 or complements thereof or fragments of either and the transcribed strand is complementary to an endogenous mRNA molecule; which is linked to (C) a 3' non-translated sequence that functions in plant cells to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

The present invention provides a transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule wherein the promoter nucleic acid molecule is selected from the group consisting of SEQ ID NO:1 through SEQ ID NO:36935 or complements thereof or fragments of either; which is linked to (B) a transcribed nucleic acid molecule with a transcribed strand and a non-transcribed strand, wherein the transcribed strand is complementary to an endogenous mRNA molecule; which is linked to (C) a 3' non-translated sequence that functions in plant cells to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

The present invention provides a computer readable medium having recorded thereon one or more of the nucleotide sequences depicted in SEQ ID NO:1 through SEQ ID NO: 36935.

The present invention provides a method of introgressing a trait into a plant comprising using a nucleic acid marker for marker assisted selection of the plant, the

nucleic acid marker complementary to a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 36935 or complements thereof, and introgressing the trait into a plant.

The present invention provides a method for screening for a trait comprising
 5 interrogating genomic DNA for the presence or absence of a marker molecule that is genetically linked to a nucleic acid sequence complementary to a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 36935 or complements thereof; and detecting the presence or absence of the marker.

The present invention provides a method for determining the likelihood of the
 10 level, presence or absence of a trait in a plant comprising the steps of: (A) obtaining genomic DNA from the plant; (B) detecting a marker nucleic acid molecule; the marker nucleic acid molecule wherein the marker nucleic acid molecule specifically hybridizes with a nucleic acid sequence that is genetically linked to a nucleic acid sequence complementary to a nucleic acid sequence selected from the group consisting of SEQ ID
 15 NO: 1 through SEQ ID NO: 36935 or complements thereof; (C) and determining the level, presence or absence of the marker nucleic acid molecule, wherein the level, presence or absence of the marker nucleic acid molecule is indicative of the likely presence in the plant of the trait.

The present invention provides a method for determining a genomic
 20 polymorphism in a plant that is predictive of a trait comprising the steps: (A) incubating a marker nucleic acid molecule, under conditions permitting nucleic acid hybridization, and a complementary nucleic acid molecule obtained from the plant, the marker nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 36935 or complements thereof; (B) permitting hybridization
 25 between the marker nucleic acid molecule and the complementary nucleic acid molecule obtained from the plant; and (C) detecting the presence of the polymorphism.

The present invention provides a method of determining an association between a polymorphism and a plant trait comprising: (A) hybridizing a nucleic acid molecule specific for the polymorphism to genetic material of a plant, wherein the nucleic acid molecule comprises a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 36935 or complements thereof; and (B) calculating the degree of association between the polymorphism and the plant trait.

Detailed Description of the Invention

AGENTS OF THE INVENTION:

(a) Nucleic Acid Molecules

Agents of the present invention include nucleic acid molecules and more specifically BACs and STC nucleic acid molecules or fragments thereof.

A subset of the nucleic acid molecules of the present invention includes nucleic acid molecules that are marker molecules. Another subset of the nucleic molecules of the present invention include nucleic acid molecules that are promoters and/or regulatory elements. Another subset of the nucleic acid molecules of the present invention include nucleic acid molecules that encode proteins or fragments of proteins. In a preferred embodiment the nucleic acid molecules of the present invention are derived from *Glycine max* (soybean) and more preferably *Glycine max*, genotype A3244.

Fragment STC nucleic acid molecules and fragments of BACs may encode significant portion(s) of, or indeed most of, the STC or BAC nucleic acid molecule. In addition, a fragment nucleic acid molecule can encode a *Glycine max* protein or fragment thereof. Alternatively, the fragments may comprise smaller oligonucleotides (having from about 15 to about 250 nucleotide residues, and more preferably, about 15 to about 30 nucleotide residues).

The term "substantially purified", as used herein, refers to a molecule separated from substantially all other molecules normally associated with it in its native state. More

preferably a substantially purified molecule is the predominant species present in a preparation. A substantially purified molecule may be greater than 60% free, preferably 75% free, more preferably 90% free, and most preferably 95% free from the other molecules (exclusive of solvent) present in the natural mixture. The term "substantially purified" is not intended to encompass molecules present in their native state.

The agents of the present invention will preferably be "biologically active" with respect to either a structural attribute, such as the capacity of a nucleic acid to hybridize to another nucleic acid molecule, or the ability of a protein to be bound by an antibody (or to compete with another molecule for such binding). Alternatively, such an attribute may be catalytic, and thus involve the capacity of the agent to mediate a chemical reaction or response.

The agents of the present invention may also be recombinant. As used herein, the term recombinant means any agent (e.g., DNA, peptide etc.), that is, or results, however indirect, from human manipulation of a nucleic acid molecule.

It is understood that the agents of the present invention may be labeled with reagents that facilitate detection of the agent (e.g., fluorescent labels (Prober, *et al.*, *Science* 238:336-340 (1987); Albarella *et al.*, EP 144914, chemical labels (Sheldon *et al.*, U.S. Patent 4,582,789; Albarella *et al.*, U.S. Patent 4,563,417, modified bases (Miyoshi *et al.*, EP 119448, all of which are hereby incorporated by reference in their entirety).

It is further understood, that the present invention provides bacterial, viral, microbial, insect, fungal and plant cells comprising the agents of the present invention. The BAC nucleic acid molecules of the present invention include, without limitation, BAC nucleic acid molecules having inserts with two defined ends (STCs) as set forth in Table A. It is understood that fragments of such BAC molecules can contain one or neither of the defined ends.

STC nucleic acid molecules or fragment STC nucleic acid molecules, or BACs or fragments thereof, of the present invention are capable of specifically hybridizing to other

nucleic acid molecules under certain circumstances. As used herein, two nucleic acid molecules are said to be capable of specifically hybridizing to one another if the two molecules are capable of forming an anti-parallel, double-stranded nucleic acid structure.

A nucleic acid molecule is said to be the “complement” of another nucleic acid molecule

5 if they exhibit complete complementarity. As used herein, molecules are said to exhibit

“complete complementarity” when every nucleotide of one of the molecules is

complementary to a nucleotide of the other. Two molecules are said to be “minimally

complementary” if they can hybridize to one another with sufficient stability to permit

them to remain annealed to one another under at least conventional "low-stringency"

10 conditions. Similarly, the molecules are said to be “complementary” if they can hybridize

to one another with sufficient stability to permit them to remain annealed to one another

under conventional "high-stringency" conditions. Conventional stringency conditions are

described by Sambrook, *et al.*, *Molecular Cloning, A Laboratory Manual*, 2nd Ed., Cold Spring Harbor Press, Cold Spring Harbor, New York (1989), and by Haymes, *et al.*,

15 *Nucleic Acid Hybridization, A Practical Approach*, IRL Press, Washington, DC (1985),

the entirety of which is herein incorporated by reference. Departures from complete

complementarity are therefore permissible, as long as such departures do not completely

preclude the capacity of the molecules to form a double-stranded structure. Thus, in order

for an STC nucleic acid molecule, fragment STC nucleic acid molecule, BAC nucleic

20 acid molecule or fragment BAC nucleic acid molecule to serve as a primer or probe it

need only be sufficiently complementary in sequence to be able to form a stable double-

stranded structure under the particular solvent and salt concentrations employed.

Appropriate stringency conditions which promote DNA hybridization are, for example, 6.0 x sodium chloride/sodium citrate (SSC) at about 45°C, followed by a wash

25 of 2.0 x SSC at 50°C, are known to those skilled in the art or can be found in *Current*

Protocols in Molecular Biology, John Wiley & Sons, N.Y. (1989), 6.3.1-6.3.6. For

example, the salt concentration in the wash step can be selected from a low stringency of

about 2.0 x SSC at 50°C to a high stringency of about 0.2 x SSC at 50°C. In addition, the temperature in the wash step can be increased from low stringency conditions at room temperature, about 22°C, to high stringency conditions at about 65°C. Both temperature and salt may be varied, or either the temperature or the salt concentration may be held constant while the other variable is changed.

In a preferred embodiment, a nucleic acid of the present invention will specifically hybridize to one or more of the nucleic acid molecules set forth in SEQ ID NO: 1 through SEQ ID NO: 36935 or complements thereof under moderately stringent conditions, for example at about 2.0 x SSC and about 40°C.

In a particularly preferred embodiment, a nucleic acid of the present invention will specifically hybridize to one or more of the nucleic acid molecules set forth in SEQ ID NO: 1 through SEQ ID NO: 36935 or complements thereof under high stringency conditions. In one aspect of the present invention, the nucleic acid molecules of the present invention have one or more of the nucleic acid sequences set forth in SEQ ID NO: 1 through to SEQ ID NO: 36935 or complements thereof. In another aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 90% sequence identity with one or more of the nucleic acid sequences set forth in SEQ ID NO: 1 through to SEQ ID NO: 36935 or complements thereof. In a further aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 95% sequence identity with one or more of the nucleic acid sequences set forth in SEQ ID NO: 1 through to SEQ ID NO: 36935 or complements thereof. In a more preferred aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 98% sequence identity with one or more of the nucleic acid sequences set forth in SEQ ID NO: 1 through to SEQ ID NO: 36935 or complements thereof. In an even more preferred aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 99% sequence identity with one or more of

the sequences set forth in SEQ ID NO: 1 through to SEQ ID NO: 36935 or complements thereof. In a further, even more preferred aspect of the present invention, one or more of the nucleic acid molecules of the present invention exhibit 100% sequence identity with one or more nucleic acid molecules present within the genomic library herein designated

5 BAC#1(Monsanto Company, St. Louis, Missouri, United States of America).

It is understood that the present invention encompasses fragments of such nucleic acid molecules and that such nucleic acid fragments may contain one, part of one, or neither of the defined sequences.

(a)(1) Nucleic Acid Molecule Markers

10 One aspect of the present invention concerns nucleic acid molecules SEQ ID NO:1 through SEQ ID NO:36935 or complements thereof, that contain microsatellites, single nucleotide substitutions (SNPs), repetitive elements or parts of repetitive elements or other markers. Microsatellites typically include a 1-6 nucleotide core element within SEQ ID NO:1 through SEQ ID NO:36935 that are tandemly repeated from one to many

15 thousands of times. A different "allele" occurs at an SSR locus as a result of changes in the number of times a core element is repeated, altering the length of the repeat region, (Brown *et al.*, *Methods of Genome Analysis in Plants*, (ed.) Jauhar, CRC Press, Inc, Boca Raton, Florida, USA; London, England, UK, pp. 147-159, (1996), the entirety of which is herein incorporated by reference). SSR loci occur throughout plant genomes, and specific

20 repeat motifs occur at different levels of abundance than those found in animals. The relative frequencies of all SSRs with repeat units of 1-6 nucleotides have been surveyed. The most abundant SSR is AAAAAT followed by A_n, AG_n AAT, AAC, AGC, AAG, AATT, AAAT and AC. On average, 1 SSR is found every 21 and 65 kb in dicots and monocots. Fewer CG nucleotides are found in dicots than in monocots. There is no

25 correlation between abundance of SSRs and nuclear DNA content. The abundance of all tri and tetranucleotide SSR combination jointly have been reported to be equivalent to that of the total di-nucleotide combinations. Mono- di- and tetra-nucleotide repeats are

all located in noncoding regions of DNA while 57% of those trinucleotide SSRs containing CG were located within gene coding regions. All repeated trinucleotide SSRs composed entirely of AT are found in noncoding regions, (Brown *et al.*, *Methods of Genome Analysis in Plants*, ed. Jauhar, CRC Press, Inc, Boca Raton, Florida, USA; London, England, UK, pp. 147-159, (1996).

Microsatellites can be observed in SEQ NO:1 to SEQ NO: 36935 or complements thereof by using the BLASTN program to examine sequences for the presence/absence of microsatellites. In this system, raw sequence data is searched through databases, which store SSR markers collected from publications and 692 classes of di-, tri and tetranucleotide repeat markers generated by computer. Microsatellites can also be observed by screening the BAC library of the present invention by colony or plaque hybridization with a labeled probe containing microsatellite markers; isolating positive clones and sequencing the inserts of the positive clones; suitable primers flanking the microsatellite markers.

Single nucleotide polymorphisms (SNPs) are single base changes in genomic DNA sequence. They generally occur at greater frequency than other markers and are spaced with a greater uniformity throughout a genome than other reported forms of polymorphism. The greater frequency and uniformity of SNPs means that there is greater probability that such a polymorphism will be found near or in a genetic locus of interest than would be the case for other polymorphisms. SNPs are located in protein-coding regions and noncoding regions of a genome. Some of these SNPs may result in defective or variant protein expression (e.g., as a result of mutations or defective splicing). Analysis (genotyping) of characterized SNPs can require only a plus/minus assay rather than a lengthy measurement, permitting easier automation.

SNPs can be characterized using any of a variety of methods. Such methods include the direct or indirect sequencing of the site, the use of restriction enzymes (Botstein *et al.*, *Am. J. Hum. Genet.* 32:314-331 (1980), the entirety of which is herein

incorporated reference; Konieczny and Ausubel, *Plant J.* 4:403-410 (1993), the entirety of which is herein incorporated by reference), enzymatic and chemical mismatch assays (Myers *et al.*, *Nature* 313:495-498 (1985), the entirety of which is herein incorporated by reference), allele-specific PCR (Newton *et al.*, *Nucl. Acids Res.* 17:2503-2516 (1989), the entirety of which is herein incorporated by reference; Wu *et al.*, *Proc. Natl. Acad. Sci. USA* 86:2757-2760 (1989), the entirety of which is herein incorporated by reference), ligase chain reaction (Barany, *Proc. Natl. Acad. Sci. USA* 88:189-193 (1991), the entirety of which is herein incorporated by reference), single-strand conformation polymorphism analysis (Labrune *et al.*, *Am. J. Hum. Genet.* 48: 1115-1120 (1991), the entirety of which is herein incorporated by reference), primer-directed nucleotide incorporation assays (Kuppuswami *et al.*, *Proc. Natl. Acad. Sci. USA* 88:1143-1147 (1991), the entirety of which is herein incorporated by reference), dideoxy fingerprinting (Sarkar *et al.*, *Genomics* 13:441-443 (1992), the entirety of which is herein incorporated by reference), solid-phase ELISA-based oligonucleotide ligation assays (Nikiforov *et al.*, *Nucl. Acids Res.* 22:4167-4175 (1994), the entirety of which is herein incorporated by reference), oligonucleotide fluorescence-quenching assays (Livak *et al.*, *PCR Methods Appl.* 4:357-362 (1995a), the entirety of which is herein incorporated by reference), 5'-nuclease allele-specific hybridization TaqMan™ assay (Livak *et al.*, *Nature Genet.* 9:341-342 (1995), the entirety of which is herein incorporated by reference), template-directed dye-terminator incorporation (TDI) assay (Chen and Kwok, *Nucl. Acids Res.* 25:347-353 (1997), the entirety of which is herein incorporated by reference), allele-specific molecular beacon assay (Tyagi *et al.*, *Nature Biotech.* 16: 49-53 (1998), the entirety of which is herein incorporated by reference), PinPoint assay (Haff and Smirnov, *Genome Res.* 7: 378-388 (1997), the entirety of which is herein incorporated by reference), and dCAPS analysis (Neff *et al.*, *Plant J.* 14:387-392 (1998), the entirety of which is herein incorporated by reference).

SNPs can be observed by examining sequences of overlapping clones in the BAC library according to the method described by Taillon-Miller *et al. Genome Res.* 8:748-754 (1998), the entirety of which is herein incorporated). SNPs can also be observed by screening the BAC library of the present invention by colony or plaque hybridization with a labeled probe containing SNP markers; isolating positive clones and sequencing the inserts of the positive clones; suitable primers flanking the SNP markers.

Genetic markers of the present invention include “dominant” or “codominant” markers. “Codominant markers” reveal the presence of two or more alleles (two per diploid individual) at a locus. “Dominant markers” reveal the presence of only a single allele per locus. The presence of the dominant marker phenotype (e.g., a band of DNA) is an indication that one allele is present in either the homozygous or heterozygous condition. The absence of the dominant marker phenotype (e.g., absence of a DNA band) is merely evidence that “some other” undefined allele is present. In the case of populations where individuals are predominantly homozygous and loci are predominately dimorphic, dominant and codominant markers can be equally valuable. As populations become more heterozygous and multi-allelic, codominant markers often become more informative of the genotype than dominant markers.

In addition to SSRs and SNPs, repetitive elements can be used as markers. For most eukaryotes, interspersed repeat sequence elements are typically mobile genetic elements (Wright *et al., Genetics* 142:569-578 (1996), the entirety of which is herein incorporated by reference). They are ubiquitous in most living organisms and are present in copy numbers ranging from just a few elements to tens or hundreds or thousands per genome. In the latter case, they can represent a major fraction of the genome. For example, transposable elements have been estimated to make up greater than 50% of the maize genome (Kidwell, and Lisch *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7704-7711 (1997), the entirety of which is herein incorporated by reference).

Transposable elements are classified in families according to their sequence similarity. Two major classes are distinguished by their differing modes of transposition. Class I elements are retroelements that use reverse transcriptase to transpose by means of an RNA intermediate. They include long terminal repeat retrotransposons and long and short interspersed elements (LINEs and SINES, respectively). Class II elements transpose directly from DNA to DNA and include transposons such as the Activator-Dissociation (Ac-Ds) family in maize, the P element in *Drosophila* and the Tc-1 element in *Caenorhabditis elegans*. Additionally, a category of transposable elements has been discovered whose transposition mechanism is not yet known. These miniature inverted-repeat transposable elements (MITEs) have some properties of both class I and II elements. They are short (100-400 bp in length) and none so far has been found to have any coding potential. They are present in high copy number (3,000-10,000) per genome and have target site preferences for TAA or TA in plants (Kidwell and Lisch, *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7704-7711 (1997)).

Insertion elements are found in two areas of the genome. Some are located in regions distant from gene sequences such as in the heterochromatin or in regions between genes; other repeat elements are found in or near single copy sequences. The insertion of an Ac-Ds element into *wx-m9*, an allele of the waxy locus in maize is an example of a repetitive element found within a coding region. The effect of this insertion is attenuated by the loss through splicing of the transposable element after transcription (Kidwell and Lisch, *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7704-7711 (1997)).

The genetic variability resulting from transposable elements ranges from changes in the size and arrangement of whole genomes to changes in single nucleotides. They may produce major effects on phenotypic traits or small silent changes detectable only at the DNA sequence level. Transposable elements may also produce variation when they excise, leaving small footprints of their previous presence (Kidwell and Lisch, *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7704-7711 (1997)).

In addition, other markers such as AFLP markers, RFLP markers, RAPD markers, phenotypic markers or isozyme markers can be utilized (Walton, *Seed World* 22-29 (July, 1993), the entirety of which is herein incorporated by reference; Burow and Blake, *Molecular Dissection of Complex Traits*, 13-29, Eds. Paterson, CRC Press, New York (1988), the entirety of which is herein incorporated by reference). DNA markers can be developed from nucleic acid molecules using restriction endonucleases, the PCR and/or DNA sequence information. RFLP markers result from single base changes or insertions/deletions. These codominant markers are highly abundant in plant genomes, have a medium level of polymorphism and are developed by a combination of restriction endonuclease digestion and Southern blotting hybridization. CAPS are similarly developed from restriction nuclease digestion but only of specific PCR products. These markers are also codominant, have a medium level of polymorphism and are highly abundant in the genome. The CAPS result from single base changes and insertions/deletions. Another marker type, RAPDs, are developed from DNA amplification with random primers and result from single base changes and insertions/deletions in plant genomes. They are dominant markers with a medium level of polymorphisms and are highly abundant. AFLP markers require using the PCR on a subset of restriction fragments from extended adapter primers. These markers are both dominant and codominant, are highly abundant in genomes and exhibit a medium level of polymorphism. SSRs require DNA sequence information. These codominant markers result from repeat length changes, are highly polymorphic, and do not exhibit as high a degree of abundance in the genome as CAPS, AFLPs and RAPDs. SNPs also require DNA sequence information. These codominant markers result from single base substitutions. They are highly abundant and exhibit a medium of polymorphism (Rafalski, *et al.*, In: *Nonmammalian Genomic Analysis*, ed. Birren and Lai, Academic Press, San Diego, CA, pp. 75-134 (1996), the entirety of which is herein incorporated by reference). Methods to isolate such markers are known in the art.

Long Terminal repeat retrotransposons and MITEs have been found to be associated with the genes of many plants where some of the transposable elements contribute regulatory sequences. MITEs such as the Tourist element in maize and the Stowaway element in Sorghum are found frequently in the 5' and 3' noncoding regions of genes and are frequently associated with the regulatory regions of genes of diverse flowering plants (Kidwell and Lisch, *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7704-7711 (1997)). It is understood that one or more of the Long Terminal repeat retrotransposons and/or MITEs may be a marker, and even more preferably a marker for a gene.

(a)(2) Nucleic Acid Molecules Comprising Regulatory Elements

Another class of agents of the present invention are nucleic acid molecules having promoter regions or partial promoter regions within SEQ ID NO: 1 through SEQ ID NO: 36935 or complements thereof. Such promoter regions are typically found upstream of the trinucleotide ATG sequence at the start site of a protein coding region.

As used herein, a promoter region is a region of a nucleic acid molecule that is capable, when located in *cis* to a nucleic acid sequence that encodes for a protein or fragment thereof to function in a way that directs expression of one or more mRNA molecules that encodes for the protein or fragment thereof.

Promoters of the present invention can include between about 300 bp upstream and about 10 kb upstream of the trinucleotide ATG sequence at the start site of a protein coding region. Promoters of the present invention can preferably include between about 300 bp upstream and about 5 kb upstream of the trinucleotide ATG sequence at the start site of a protein coding region. Promoters of the present invention can more preferably include between about 300 bp upstream and about 2 kb upstream of the trinucleotide ATG sequence at the start site of a protein coding region. Promoters of the present invention can include between about 300 bp upstream and about 1 kb upstream of the trinucleotide ATG sequence at the start site of a protein coding region. While in many

circumstances a 300 bp promoter may be sufficient for expression, additional sequences may act to further regulate expression, for example, in response to biochemical, developmental or environmental signals.

It is also preferred that the promoters of the present invention contain a CAAT and a TATA *cis* element. Moreover, the promoters of the present invention can contain one or more *cis* elements in addition to a CAAT and a TATA box.

By "regulatory element" it is intended a series of nucleotides that determines if, when, and at what level a particular gene is expressed. The regulatory DNA sequences specifically interact with regulatory or other proteins. Many regulatory elements act in *cis* ("cis elements") and are believed to affect DNA topology, producing local conformations that selectively allow or restrict access of RNA polymerase to the DNA template or that facilitate selective opening of the double helix at the site of transcriptional initiation. *Cis* elements occur within, but are not limited to promoters, and promoter modulating sequences (inducible elements). *Cis* elements can be identified using known *cis* elements as a target sequence or target motif in the BLAST programs of the present invention.

Promoters of the present invention include homologues of *cis* elements known to effect gene regulation that show homology with the nucleic acid molecules of the present invention. These *cis* elements include, but are not limited to, oxygen responsive *cis* elements (Cowen, *et al.*, *J Biol. Chem.* 268(36):26904-26910 (1993) the entirety of which is herein incorporated by reference), light regulatory elements (Bruce and Quail, *Plant Cell* 2 (11):1081-1089 (1990) the entirety of which is herein incorporated by reference; Bruce, *et al.*, *EMBO J.* 10:3015-3024 (1991), the entirety of which is herein incorporated by reference; Rocholl, *et al.*, *Plant Sci.* 97:189-198 (1994), the entirety of which is herein incorporated by reference; Block, *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:5387-5391 (1990), the entirety of which is herein incorporated by reference; Giuliano, *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 85:7089-7093 (1988), the entirety of which is herein incorporated by reference; Staiger, *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:6930-6934

(1989), the entirety of which is herein incorporated by reference; Izawa, *et al.*, *Plant Cell* 6:1277-1287 (1994), the entirety of which is herein incorporated by reference; Menkens, *et al.*, *Trends in Biochemistry* 20:506-510 (1995), the entirety of which is herein incorporated by reference; Foster, *et al.*, *FASEB J.* 8:192-200 (1994), the entirety of which is herein incorporated by reference; Plesse, *et al.*, *Mol Gen Gene* 254:258-266 (1997), the entirety of which is herein incorporated by reference; Green, *et al.*, *EMBO J.* 6:2543-2549 (1987), the entirety of which is herein incorporated by reference; Kuhlemeier *et al.*, *Ann. Rev Plant Physiol.* 38:221-257 (1987), the entirety of which is herein incorporated by reference; Villain *et al.*, *J. Biol. Chem.* 271:32593-32598 (1996), the entirety of which is herein incorporated by reference; Lam *et al.*, *Plant Cell* 2:857-866 (1990), the entirety of which is herein incorporated by reference; Gilmartin, *et al.*, *Plant Cell* 2:369-378 (1990), the entirety of which is herein incorporated by reference; Datta, *et al.*, *Plant Cell* 1:1069-1077 (1989) the entirety of which is herein incorporated by reference; Gilmartin, *et al.*, *Plant Cell* 2:369-378 (1990), the entirety of which is herein incorporated by reference; Castresana, *et al.*, *EMBO J.* 7:1929-1936 (1988), the entirety of which is herein incorporated by reference; Ueda, *et al.*, *Plant Cell* 1:217-227 (1989), the entirety of which is herein incorporated by reference; Terzaghi, *et al.*, *Annu. Rev. Plant Physiol. Plant Mol. Biol.* 46:445-474 (1995), the entirety of which is herein incorporated by reference; Green *et al.*, *EMBO J.* 6:2543-2549 (1987), the entirety of which is herein incorporated by reference; Villain, *et al.*, *J. Biol. Chem.* 271:32593-32598 (1996), the entirety of which is herein incorporated by reference; Tjaden, *et al.*, *Plant Cell* 6:107-118 (1994), the entirety of which is herein incorporated by reference; Tjaden, *et al.*, *Plant Physiol.* 108:1109-1117 (1995), the entirety of which is herein incorporated by reference; Ngai, *et al.*, *Plant J.* 12:1021-1234 (1997), the entirety of which is herein incorporated by reference; Bruce, *et al.*, *EMBO J.* 10:3015-3024 (1991), the entirety of which is herein incorporated by reference; Ngai, *et al.*, *Plant J.* 12:1021-1034 (1997), the entirety of which is herein incorporated by reference), elements responsive to gibberellin,

(Muller, *et al.*, *J. Plant Physiol.* 145:606-613 (1995), the entirety of which is herein incorporated by reference; Croissant, *et al.*, *Plant Science* 116:27-35 (1996), the entirety of which is herein incorporated by reference; Lohmer, *et al.*, *EMBO J.* 10:617-624 (1991), the entirety of which is herein incorporated by reference; Rogers, *et al.*, *Plant Cell* 4:1443-1451 (1992), the entirety of which is herein incorporated by reference; Lanahan *et al.*, *Plant Cell* 4:203-211 (1992) the entirety of which is herein incorporated by reference; Skriver *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 88:7266-7270 (1991) the entirety of which is herein incorporated by reference; Gilmartin, *et al.*, *Plant Cell* 2:369-378 (1990), the entirety of which is herein incorporated by reference; Huang, *et al.*, *Plant Mol. Biol.* 14:655-668 (1990), the entirety of which is herein incorporated by reference; Gubler, *et al.*, *Plant Cell* 7:1879-1891 (1995), the entirety of which is herein incorporated by reference), elements responsive to abscisic acid, (Busk, *et al.*, *Plant Cell* 9:2261-2270 (1997), the entirety of which is herein incorporated by reference; Guiltinan, *et al.*, *Science* 250:267-270 (1990), the entirety of which is herein incorporated by reference; Shen, *et al.*, *Plant Cell* 7:295-307 (1995) the entirety of which is herein incorporated by reference; Shen *et al.*, *Plant Cell* 8:1107-1119 (1996), the entirety of which is herein incorporated by reference; Seo *et al.*, *Plant Mol. Biol.* 27:1119-1131 (1995), the entirety of which is herein incorporated by reference; Marcotte *et al.*, *Plant Cell* 1:969-976 (1989) the entirety of which is herein incorporated by reference; Shen *et al.*, *Plant Cell* 7:295-307 (1995), the entirety of which is herein incorporated by reference; Iwasaki *et al.*, *Mol Gen Genet* 247:391-398 (1995), the entirety of which is herein incorporated by reference; Hattori *et al.*, *Genes Dev.* 6:609-618 (1992), the entirety of which is herein incorporated by reference; Thomas *et al.*, *Plant Cell* 5:1401-1410 (1993), the entirety of which is herein incorporated by reference), elements similar to abscisic acid responsive elements, (Ellerstrom *et al.*, *Plant Mol. Biol.* 32:1019-1027 (1996), the entirety of which is herein incorporated by reference), auxin responsive elements (Liu *et al.*, *Plant Cell* 6:645-657 (1994) the entirety of which is herein incorporated by reference; Liu *et al.*, *Plant Physiol.*

115:397-407 (1997), the entirety of which is herein incorporated by reference; Kosugi *et al.*, *Plant J.* 7:877-886 (1995), the entirety of which is herein incorporated by reference; Kosugi *et al.*, *Plant Cell* 9:1607-1619 (1997), the entirety of which is herein incorporated by reference; Ballas *et al.*, *J. Mol. Biol.* 233:580-596 (1993), the entirety of which is

5 herein incorporated by reference), a *cis* element responsive to methyl jasmonate treatment (Beaudoin and Rothstein, *Plant Mol. Biol.* 33:835-846 (1997), the entirety of which is herein incorporated by reference), a *cis* element responsive to abscisic acid and stress response (Straub *et al.*, *Plant Mol. Biol.* 26:617-630 (1994), the entirety of which is herein incorporated by reference), ethylene responsive *cis* elements (Itzhaki *et al.*, *Proc.*

10 *Natl. Acad. Sci. (U.S.A.)* 91:8925-8929 (1994), the entirety of which is herein incorporated by reference; Montgomery *et al.*, *Proc. Acad. Sci. (U.S.A.)* 90:5939-5943 (1993), the entirety of which is herein incorporated by reference; Sessa *et al.*, *Plant Mol. Biol.* 28:145-153 (1995), the entirety of which is herein incorporated by reference; Shinshi *et al.*, *Plant Mol. Biol.* 27:923-932 (1995), the entirety of which is herein

15 incorporated by reference), salicylic acid *cis* responsive elements, (Strange *et al.*, *Plant J.* 11:1315-1324 (1997), the entirety of which is herein incorporated by reference; Qin *et al.*, *Plant Cell* 6:863-874 (1994), the entirety of which is herein incorporated by reference), a *cis* element that responds to water stress and abscisic acid (Lam *et al.*, *J. Biol. Chem.* 266:17131-17135 (1991), the entirety of which is herein incorporated by

20 reference; Thomas *et al.*, *Plant Cell* 5:1401-1410 (1993), the entirety of which is herein incorporated by reference; Pla *et al.*, *Plant Mol Biol* 21:259-266 (1993), the entirety of which is herein incorporated by reference), a *cis* element essential for M phase-specific expression (Ito *et al.*, *Plant Cell* 10:331-341 (1998), the entirety of which is herein incorporated by reference), sucrose responsive elements (Huang *et al.*, *Plant Mol. Biol.*

25 14:655-668 (1990), the entirety of which is herein incorporated by reference; Hwang *et al.*, *Plant Mol Biol* 36:331-341 (1998), the entirety of which is herein incorporated by reference; Grierson *et al.*, *Plant J.* 5:815-826 (1994), the entirety of which is herein

incorporated by reference), heat shock response elements (Pelham *et al.*, *Trends Genet.* 1:31-35 (1985), the entirety of which is herein incorporated by reference), elements responsive to auxin and/or salicylic acid and also reported for light regulation (Lam *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:7890-7897 (1989), the entirety of which is herein

5 incorporated by reference; Benfey *et al.*, *Science* 250:959-966 (1990), the entirety of which is herein incorporated by reference), elements responsive to ethylene and salicylic acid (Ohme-Takagi *et al.*, *Plant Mol. Biol.* 15:941-946 (1990), the entirety of which is herein incorporated by reference), elements responsive to wounding and abiotic stress (Loake *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 89:9230-9234 (1992), the entirety of which

10 is herein incorporated by reference; Mhiri *et al.*, *Plant Mol. Biol.* 33:257-266 (1997), the entirety of which is herein incorporated by reference), antioxidant response elements (Rushmore *et al.*, *J. Biol. Chem.* 266:11632-11639, the entirety of which is herein incorporated by reference; Dalton *et al.*, *Nucleic Acids Res.* 22:5016-5023 (1994), the entirety of which is herein incorporated by reference), Sph elements (Suzuki *et al.*, *Plant*

15 *Cell* 9:799-807 1997), the entirety of which is herein incorporated reference), Elicitor responsive elements, (Fukuda *et al.*, *Plant Mol. Biol.* 34:81-87 (1997), the entirety of which is herein incorporated by reference; Rushton *et al.*, *EMBO J.* 15:5690-5700 (1996), the entirety of which is herein incorporated by reference), metal responsive elements (Stuart *et al.*, *Nature* 317:828-831 (1985), the entirety of which is herein incorporated by

20 reference; Westin *et al.*, *EMBO J.* 7:3763-3770 (1988), the entirety of which is herein incorporated by reference; Thiele *et al.*, *Nucleic Acids Res.* 20:1183-1191 (1992), the entirety of which is herein incorporated by reference; Faisst *et al.*, *Nucleic Acids Res.* 20:3-26 (1992), the entirety of which is herein incorporated by reference), low temperature responsive elements, (Baker *et al.*, *Plant Mol. Biol.* 24:701-713 (1994), the

25 entirety of which is herein incorporated by reference; Jiang *et al.*, *Plant Mol. Biol.* 30:679-684 (1996), the entirety of which is herein incorporated by reference; Nordin *et al.*, *Plant Mol. Biol.* 21:641-653 (1993), the entirety of which is herein incorporated by

reference; Zhou *et al.*, *J. Biol. Chem.* 267:23515-23519 (1992), the entirety of which is herein incorporated by reference), drought responsive elements, (Yamaguchi *et al.*, *Plant Cell* 6:251-264 (1994), the entirety of which is herein incorporated by reference; Wang *et al.*, *Plant Mol. Biol.* 28:605-617 (1995), the entirety of which is herein incorporated by reference; Bray EA, *Trends in Plant Science* 2:48-54 (1997), the entirety of which is herein incorporated by reference) enhancer elements for glutenin, (Colot *et al.*, *EMBO J.* 6:3559-3564 (1987), the entirety of which is herein incorporated by reference; Thomas *et al.*, *Plant Cell* 2:1171-1180 (1990), the entirety of which is incorporated by reference; Kreis *et al.*, *Philos. Trans. R. Soc. Lond.*, B314:355-365 (1986), the entirety of which is herein incorporated by reference), light-independent regulatory elements, (Lagrange *et al.*, *Plant Cell* 9:1469-1479 (1997), the entirety of which is herein incorporated by reference; Villain *et al.*, *J. Biol. Chem.* 271:32593-32598 (1996), the entirety of which is herein incorporated by reference), OCS enhancer elements, (Bouchez *et al.*, *EMBO J.* 8:4197-4204 (1989), the entirety of which is herein incorporated by reference; Foley *et al.*, *Plant J.* 3:669-679 (1993), the entirety of which is herein incorporated by reference), ACGT elements, (Foster *et al.*, *FASEB J.* 8:192-200 (1994), the entirety of which is herein incorporated by reference; Izawa *et al.*, *Plant Cell* 6:1277-1287 (1994), the entirety of which is herein incorporated by reference; Izawa *et al.*, *J. Mol. Biol.* 230:1131-1144 (1993) the entirety of which is herein incorporated by reference), negative *cis* elements in plastid related genes, (Zhou *et al.*, *J. Biol. Chem.* 267:23515-23519 (1992), the entirety of which is herein incorporated by reference; Lagrange *et al.*, *Mol. Cell Biol.* 13:2614-2622 (1993), the entirety of which is herein incorporated by reference; Lagrange *et al.*, *Plant Cell* 9:1469-1479 (1997), the entirety of which is herein incorporated by reference; Zhou *et al.*, *J. Biol. Chem.* 267:23515-23519 (1992), the entirety of which is herein incorporated by reference), prolamin box elements, (Forde *et al.*, *Nucleic Acids Res.* 13:7327-7339 (1985), the entirety of which is herein incorporated by reference; Colot *et al.*, *EMBO J.* 6:3559-3564 (1987), the entirety of which is herein incorporated by

reference; Thomas *et al.*, *Plant Cell* 2:1171-1180 (1990), the entirety of which is herein incorporated by reference; Thompson *et al.*, *Plant Mol. Biol.* 15:755-764 (1990), the entirety of which is herein incorporated by reference; Vicente *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 94:7685-7690 (1997), the entirety of which is herein incorporated by reference),
 5 elements in enhancers from the IgM heavy chain gene (Gillies *et al.*, *Cell* 33:717-728 (1983), the entirety of which is herein incorporated by reference; Whittier *et al.*, *Nucleic Acids Res.* 15:2515-2535 (1987), the entirety of which is herein incorporated by reference.

(a)(3) Nucleic Acid Molecules Comprising Genes or Fragments Thereof

10 Nucleic acid molecules of the present invention can comprise one or more genes or fragments thereof. Such genes or fragments thereof include homologues of known genes or protein coding regions in other organisms or genes or fragments thereof that elicit only limited or no matches with known genes or protein coding regions.

15 Genomic sequences can be screened for the presence of protein homologues or genes utilizing one or a number of different search algorithms have that been developed, one example of which are the suite of programs referred to as BLAST programs. Other examples of suitable programs that can be utilized are known in the art, several of which are described above in the Background and under the section titled "Uses of the Agents of the Invention." In addition, unidentified reading frames may be screened for protein
 20 coding regions by prediction software such as GenScan, which is located at <http://gnomic.stanford.edu/GENSCANW.html>.

In a preferred embodiment of the present invention, the *Glycine max* protein or fragment thereof of the present invention is a homologue of another plant protein. In
 25 another preferred embodiment of the present invention, the *Glycine max* protein or fragment thereof of the present invention is a homologue of a fungal protein. In another preferred embodiment of the present invention, the *Glycine max* protein or fragment

thereof of the present invention is a homologue of a mammalian protein. In another preferred embodiment of the present invention, the *Glycine max* protein or fragment thereof of the present invention is a homologue of a bacterial protein.

In a preferred embodiment of the present invention, the *Glycine max* protein or fragments thereof or nucleic acid molecule or fragment thereof has a BLAST score of more than 200, preferably a BLAST score of more than 300, even more preferably a BLAST score of more than 400.

In another preferred embodiment of the present invention, the nucleic acid molecule encoding the *Glycine max* protein or fragment thereof and/or nucleic acid molecule or fragment thereof exhibits a % identity with its homologue of between about 25% and about 40%, more preferably of between about 40 and about 70%, even more preferably of between about 70% and about 90%, and even more preferably between about 90% and 99%. In another preferred embodiment, of the present invention, the *Glycine max* the nucleic acid molecule encoding the *Glycine max* protein or fragment thereof exhibits a % identity with its homologue of 100%.

In a preferred embodiment of the present invention, the *Glycine max* protein or fragment thereof or nucleic acid molecule or fragment thereof exhibits a % coverage of between about 0 % and about 33%, more preferably of between about 34% and about 66%, and even more preferably of between about 67% and about 100%.

Genomic sequences can be screened for the presence of proteins utilizing one or a number of different search algorithms have that been developed, one example of which are the suite of programs referred to as BLAST programs. Other examples of suitable programs that can be utilized are known in the art, several of which are described above in the Background. Nucleic acid molecules of the present invention also include non-*Glycine max* homologues. Preferred non-*Glycine max* homologues are selected from the group consisting of alfalfa, *Arabidopsis* barley, *Brassica*, broccoli, cabbage, citrus, cotton, garlic, oat, oilseed rape, onion, canola, flax, an ornamental plant, maize, pea,

peanut, pepper, potato, rice, rye, sorghum, strawberry, sugarcane, sugarbeet, tomato, wheat, poplar, pine, fir, eucalyptus, apple, lettuce, lentils, grape, banana, tea, turf grasses, sunflower, oil palm, and *Phaseolus*.

In a preferred embodiment, nucleic acid molecules having SEQ ID NO: 1 through
 5 SEQ ID NO: 36935 or complements and fragments of either can be utilized to obtain such homologues.

The degeneracy of the genetic code allows different nucleic acid sequences to code for the same protein or peptide, e.g. see U.S. Patent No. 4,757,006, the entirety of which is herein incorporated by reference. As used herein a nucleic acid molecule is
 10 degenerate of another nucleic acid molecule when the nucleic acid molecules encode for the same amino acid sequences but comprise different nucleotide sequences. An aspect of the present invention is that the nucleic acid molecules of the present invention include nucleic acid molecules that are degenerate from the STCs of this invention.

A further aspect of the present invention comprises one or more nucleic acid
 15 molecules which differ in nucleic acid sequence from those of a STC of this invention due to the degeneracy in the genetic code in that they encode the same protein but differ in nucleic acid sequence or a protein having one or more conservative amino acid residue. Codons capable of coding for such conservative substitutions are known in the art. For instance, serine is a conservative substitute of alanine and threonine is a conservative
 20 substitute for serine.

(a)(4) Nucleic Acid Molecules Comprising Introns and/or Intron/Exon Junctions

Nucleic acid molecules of the present invention can comprise an intron and/or one or more intron/exon junction. Sequences of the present invention can be screened for
 25 introns and intron/exon junctions utilizing one or a number of different search algorithms that have that been developed, one example of which are the suite of programs referred to as BLAST programs. Other examples of suitable programs that can be utilized are known

in the art, several of which are described above in the Background and in the section entitled "Uses of the Agents of the Present Invention".

(a)(5) Protein and Peptide Molecules

A class of agents comprises one or more of the protein or peptide molecules encoded by SEQ ID NO: 1 through SEQ ID NO: 36935, or complements thereof or fragments of either, or one or more of the proteins encoded by a nucleic acid molecule or fragment thereof or peptide molecules encoded by other nucleic acid agents of the present invention. Protein and peptide molecules can be identified using known protein or peptide molecules as a target sequence or target motif in the BLAST programs of the present invention. In a preferred embodiment, the protein or peptide molecules of the present invention are derived from *Glycine max* (soybean) and more preferably *Glycine max*, genotype A3244.

As used herein, the term "protein molecule" or "peptide molecule" includes any molecule that comprises five or more amino acids. It is well known in the art that proteins or peptides may undergo modification, including post-translational modifications, such as, but not limited to, disulfide bond formation, glycosylation, phosphorylation, or oligomerization. Thus, as used herein, the term "protein molecule" or "peptide molecule" includes any protein molecule that is modified by any biological or non-biological process. The terms "amino acid" and "amino acids" refer to all naturally occurring L-amino acids. This definition is meant to include norleucine, ornithine, homocysteine, and homoserine.

One or more of the protein or fragments of peptide molecules may be produced via chemical synthesis, or more preferably, by expression in a suitable bacterial or eukaryotic host. Suitable methods for expression are described by Sambrook, *et al.*, *Molecular Cloning, A Laboratory Manual*, 2nd Edition, Cold Spring Harbor Press, Cold Spring Harbor, New York (1989), or similar texts.

A “protein fragment” is a peptide or polypeptide molecule whose amino acid sequence comprises a subset of the amino acid sequence of that protein. A protein or fragment thereof that comprises one or more additional peptide regions not derived from that protein is a “fusion” protein. Such molecules may be derivatized to contain carbohydrate or other moieties (such as keyhole limpet hemocyanin, etc.). Fusion protein or peptide molecules of the present invention are preferably produced via recombinant means.

Another class of agents comprises protein or peptide molecules encoded by SEQ ID NO: 1 through SEQ ID NO: 36935 or complements thereof or, fragments or fusions thereof in which conservative, non-essential, or not relevant, amino acid residues have been added, replaced, or deleted. An example of such a homologue is the homologue protein of all non-*Glycine max* plant species, including but not limited to alfalfa, barley, *Brassica*, broccoli, cabbage, citrus, cotton, garlic, oat, oilseed rape, onion, canola, flax, maize, an ornamental plant, pea, peanut, pepper, potato, rice, rye, sorghum, strawberry, sugarcane, sugarbeet, tomato, wheat, poplar, pine, fir, eukalyptus, apple, lettuce, peas, lentils, grape, banana, tea, turf grasses, etc. Particularly preferred non-*Glycine max* plants to utilize for the isolation of homologues would include alfalfa, barley, cotton, corn, oat, oilseed rape, rice, corn, canola, ornamentals, sugarcane, sugarbeet, tomato, potato, wheat, and turf grasses. Such a homologue can be obtained by any of a variety of methods.

Most preferably, as indicated above, one or more of the disclosed sequences (SEQ ID NO: 1 through SEQ ID NO: 36935 or complements thereof) will be used to define a pair of primers that may be used to isolate the homologue-encoding nucleic acid molecules from any desired species. Such molecules can be expressed to yield homologues by recombinant means.

(a)(6) Antibodies

One aspect of the present invention concerns antibodies, single-chain antigen binding molecules, or other proteins that specifically bind to one or more of the protein or

peptide molecules of the present invention and their homologs, fusions or fragments. Such antibodies may be used to quantitatively or qualitatively detect the protein or peptide molecules of the present invention. As used herein, an antibody or peptide is said to “specifically bind” to a protein or peptide molecule of the present invention if such binding is not competitively inhibited by the presence of non-related molecules. In a preferred embodiment the antibodies of the present invention bind to proteins of the present invention, in a more preferred embodiment of the antibodies of the present invention bind to proteins derived from *Glycine max*.

Nucleic acid molecules that encode all or part of the protein of the present invention can be expressed, via recombinant means, to yield protein or peptides that can in turn be used to elicit antibodies that are capable of binding the expressed protein or peptide. Such antibodies may be used in immunoassays for that protein. Such protein-encoding molecules, or their fragments may be a “fusion” molecule (i.e., a part of a larger nucleic acid molecule) such that, upon expression, a fusion protein is produced. It is understood that any of the nucleic acid molecules of the present invention may be expressed, via recombinant means, to yield proteins or peptides encoded by these nucleic acid molecules.

The antibodies that specifically bind proteins and protein fragments of the present invention may be polyclonal or monoclonal. It is understood that practitioners are familiar with the standard resource materials which describe specific conditions and procedures for the construction, manipulation and isolation of antibodies (see, for example, Harlow and Lane, *Antibodies: A Laboratory Manual*, Cold Spring Harbor Press, Cold Spring Harbor, New York (1988), the entirety of which is herein incorporated by reference).

It is understood that any of the antibodies of the present invention can be substantially purified and/or be biologically active and/or recombinant.

USES OF THE AGENTS OF THE INVENTION

Nucleic acid molecules of the present invention may be employed to obtain other *Glycine max* nucleic acid molecules. Such molecules can be readily obtained by using the above-described nucleic acid molecules to screen libraries *Glycine max* libraries.

5 Nucleic acid molecules and fragments thereof of the present invention may also be employed to obtain nucleic acid molecule homologs of non-*Glycine max* species including the nucleic acid molecules that encode, in whole or in part, protein homologs of other species or other organisms, sequences of genetic elements such as promoters and transcriptional regulatory elements.

10 Nucleic acid molecules and fragments thereof of the present invention may be employed for genetic mapping studies using linkage analysis (genetic markers). A genetic linkage map shows the relative locations of specific DNA markers along a chromosome. Maps are used for the identification of genes associated with genetic diseases or phenotypic traits, comparative genomics, and as a guide for physical mapping.

15 Through genetic mapping, a fine scale linkage map can be developed using DNA markers, and, then, a genomic DNA library of large-sized fragments can be screened with molecular markers linked to the desired trait. In a preferred embodiment of the present invention, the genomic library screened with the nucleic acid molecules of the present invention is a genomic library of *Glycine max*.

20 Mapping marker locations is based on the observation that two markers located near each other on the same chromosome will tend to be passed together from parent to offspring. During gamete production, DNA strands occasionally break and rejoin in different places on the same chromosome or on the homologous chromosome. The closer the markers are to each other, the more tightly linked and the less likely a recombination

25 event will fall between and separate them. Recombination frequency thus provides an estimate of the distance between two markers.

In segregating populations, target genes have been reported to have been placed within an interval of 5-10 cM with a high degree of certainty (Tanksley *et al.*, *Trends in Genetics* 11(2):63-68 (1995), the entirety of which is herein incorporated by reference). The markers defining this interval are used to screen a larger segregating population to
 5 identify individuals derived from one or more gametes containing a crossover in the given interval. Such individuals are useful in orienting other markers closer to the target gene. Once identified, these individuals can be analyzed in relation to all molecular markers within the region to identify those closest to the target.

Markers of the present invention can be employed to construct linkage maps and
 10 to locate genes with qualitative and quantitative effects. The genetic linkage of additional marker molecules can be established by a genetic mapping model such as, without limitation, the flanking marker model reported by Lander and Botstein, *Genetics*, 121:185-199 (1989), and the interval mapping, based on maximum likelihood methods described by Lander and Botstein, *Genetics*, 121:185-199 (1989), the entirety of which is
 15 herein incorporated by reference and implemented in the software package MAPMAKER/QTL (Lincoln and Lander, *Mapping Genes Controlling Quantitative Traits Using MAPMAKER/QTL*, Whitehead Institute for Biomedical Research, Massachusetts, (1990)). Additional software includes Qgene, Version 2.23 (1996), Department of Plant Breeding and Biometry, 266 Emerson Hall, Cornell University,
 20 Ithaca, NY, the manual of which is herein incorporated by reference in its entirety). Use of the Qgene software is a particularly preferred approach.

A maximum likelihood estimate (MLE) for the presence of a marker is calculated, together with an MLE assuming no QTL effect, to avoid false positives. A \log_{10} of an odds ratio (LOD) is then calculated as: $\text{LOD} = \log_{10} (\text{MLE for the presence of a}$
 25 $\text{QTL} / \text{MLE given no linked QTL})$.

The LOD score essentially indicates how much more likely the data are to have arisen assuming the presence of a QTL than in its absence. The LOD threshold value for

avoiding a false positive with a given confidence, say 95%, depends on the number of markers and the length of the genome. Graphs indicating LOD thresholds are set forth in Lander and Botstein, *Genetics*, 121:185-199 (1989), the entirety of which is herein incorporated by reference and further described by Arús and Moreno-González, *Plant*
 5 *Breeding*, Hayward, Bosemark, Romagosa (eds.) Chapman & Hall, London, pp. 314-331 (1993).

Additional models can be used. Many modifications and alternative approaches to interval mapping have been reported, including the use of non-parametric methods (Kruglyak and Lander, *Genetics*, 139:1421-1428 (1995), the entirety of which is herein
 10 incorporated by reference). Multiple regression methods or models can be also be used, in which the trait is regressed on a large number of markers (Jansen, *Biometrics in Plant Breed*, van Oijen, Jansen (eds.) Proceedings of the Ninth Meeting of the Eucarpia Section Biometrics in Plant Breeding, The Netherlands, pp. 116-124 (1994); Weber and Wricke, *Advances in Plant Breeding*, Blackwell, Berlin, 16 (1994). Procedures combining
 15 interval mapping with regression analysis, whereby the phenotype is regressed onto a single putative QTL at a given marker interval, and at the same time onto a number of markers that serve as 'cofactors,' have been reported by Jansen and Stam, *Genetics*, 136:1447-1455 (1994) and Zeng, *Genetics*, 136:1457-1468 (1994). Generally, the use of cofactors reduces the bias and sampling error of the estimated QTL positions (Utz and
 20 Melchinger, *Biometrics in Plant Breeding*, van Oijen, Jansen (eds.) Proceedings of the Ninth Meeting of the Eucarpia Section Biometrics in Plant Breeding, The Netherlands, pp.195-204 (1994), thereby improving the precision and efficiency of QTL mapping (Zeng, *Genetics*, 136:1457-1468 (1994). These models can be extended to multi-environment experiments to analysis genotype-environment interactions (Jansen *et al.*,
 25 *Theo. Appl. Genet.* 91:33-37 (1995).

Selection of an appropriate mapping population is important to map construction. The choice of appropriate mapping population depends on the type of marker systems

employed (Tanksley *et al.*, J.P. Gustafson and R. Appels (eds.), Plenum Press, New York, pp. 157-173 (1988), the entirety of which is herein incorporated by reference).

Consideration must be given to the source of parents (adapted vs. exotic) used in the mapping population. Chromosome pairing and recombination rates can be severely
 5 disturbed (suppressed) in wide crosses (adapted x exotic) and generally yield greatly reduced linkage distances. Wide crosses will usually provide segregating populations with a relatively large array of polymorphisms when compared to progeny in a narrow cross (adapted x adapted).

An F_2 population is the first generation of selfing after the hybrid seed is
 10 produced. Usually a single F_1 plant is selfed to generate a population segregating for all the genes in Mendelian (1:2:1) fashion. Maximum genetic information is obtained from a completely classified F_2 population using a codominant marker system (Mather, *Measurement of Linkage in Heredity*: Methuen and Co., (1938), the entirety of which is herein incorporated by reference). In the case of dominant markers, progeny tests (e.g.,
 15 F_3 , BCF_2) are required to identify the heterozygotes, thus making it equivalent to a completely classified F_2 population. However, this procedure is often prohibitive because of the cost and time involved in progeny testing. Progeny testing of F_2 individuals is often used in map construction where phenotypes do not consistently reflect genotype (e.g., disease resistance) or where trait expression is controlled by a QTL. Segregation
 20 data from progeny test populations (e.g., F_3 or BCF_2) can be used in map construction. Marker-assisted selection can then be applied to cross progeny based on marker-trait map associations (F_2 , F_3), where linkage groups have not been completely disassociated by recombination events (i.e., maximum disequilibrium).

Recombinant inbred lines (RIL) (genetically related lines; usually $>F_5$, developed
 25 from continuously selfing F_2 lines towards homozygosity) can be used as a mapping population. Information obtained from dominant markers can be maximized by using RIL because all loci are homozygous or nearly so. Under conditions of tight linkage (i.e.,

about <10% recombination), dominant and co-dominant markers evaluated in RIL populations provide more information per individual than either marker type in backcross populations (Reiter, *Proc. Natl. Acad. Sci. (U.S.A.)* 89:1477-1481 (1992). However, as the distance between markers becomes larger (i.e., loci become more independent), the
 5 information in RIL populations decreases dramatically when compared to codominant markers.

Backcross populations (e.g., generated from a cross between a successful variety (recurrent parent) and another variety (donor parent) carrying a trait not present in the former) can be utilized as a mapping population. A series of backcrosses to the recurrent
 10 parent can be made to recover most of its desirable traits. Thus a population is created consisting of individuals nearly like the recurrent parent but each individual carries varying amounts or mosaic of genomic regions from the donor parent. Backcross populations can be useful for mapping dominant markers if all loci in the recurrent parent are homozygous and the donor and recurrent parent have contrasting polymorphic marker
 15 alleles (Reiter *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 89:1477-1481 (1992). Information obtained from backcross populations using either codominant or dominant makers is less than that obtained from F₂ populations because one, rather than two, recombinant gametes are sampled per plant. Backcross populations, however, are more informative (at low marker saturation) when compared to RILs as the distance between linked loci
 20 increases in RIL populations (i.e., about 0.15% recombination). Increased recombination can be beneficial for resolution of tight linkages, but may be undesirable in the construction of maps with low marker saturation.

Near-isogenic lines (NIL)(created by many backcrosses to produce an array of individuals that are nearly identical in genetic composition except for the trait or genomic
 25 region under interrogation) can be used as a mapping population. In mapping with NILs, only a portion of the polymorphic loci are expected to map to a selected region.

Bulk segregant analysis (BSA) is a method developed for the rapid identification of linkage between markers and traits of interest (Michelmore, *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 88:9828-9832 (1991). In BSA, two bulked DNA samples are drawn from a segregating population originating from a single cross. These bulks contain individuals that are identical for a particular trait (resistant or susceptible to particular disease) or genomic region but arbitrary at unlinked regions (i.e., heterozygous). Regions unlinked to the target region will not differ between the bulked samples of many individuals in BSA.

Applications for markers in plant breeding include: Quantitative Trait Loci (QTL) mapping (Edwards *et al*, *Genetics* 116:113-115 (1987), the entirety of which is herein incorporated by reference); Nienhuis *et al*, *Crop Sci.* 27:797-803 (1987); Osborn *et al*, *Theor. Appl. Genet.* 73:350-356 (1987); Romero-Severson *et al*, *Use of RFLPs In Analysis of Quantitative Trait Loci In Maize*, In Helentjaris and Burr (eds.) pp. 97-102 (1989), the entirety of which is herein incorporated by reference; Young *et al*, *Genetics* 120:570-585 (1988), the entirety of which is herein incorporated by reference; Martin *et al*, *Science* 243:1725-1728 (1989), the entirety of which is herein incorporated by reference); Sarfatti *et al.*, *Theor. Appl Genet.* 78:22-26 (1989), the entirety of which is herein incorporated by reference; Tanksley, *et al.*, *Biotech.* 7:257-264 (1989); Barone *et al*, *Mol. Gen. Genet.* 224:177-182 (1990), the entirety of which is herein incorporated by reference); Jung *et al*, *Theor, Appl. Genet.* 79:663-672 (1990), the entirety of which is herein incorporated by reference; Keim *et al*, *Genetics* 126:735-742 (1990), the entirety of which is herein incorporated by reference, *Theor. Appl. Genet.* 79:465-369 (1990), the entirety of which is herein incorporated by reference; Paterson *et al.*, *Genetics* 124:735-742 (1990), the entirety of which is herein incorporated by reference; Martin *et al*, *Proc. Natl. Acad. Sci. (U.S.A.)* 88:2336-2340 (1991), the entirety of which is herein incorporated by reference; Messeguer *et al*, *Theor. Appl. Genet.* 82:529-536 (1991), the entirety of which is herein incorporated by reference; Michelmore *et al*, *Proc Natl. Acad.*

Sci. (U.S.A.) 88:9828-9832 (1991), the entirety of which is herein incorporated by
reference; Ottaviano *et al*, *Theor. Appl. Genet.* 81:713-719 (1991), the entirety of which
is herein incorporated by reference; Yu *et al*, *Theor. Appl. Genet.* 81:471-476 (1991), the
entirety of which is herein incorporated by reference; Diers *et al*, *Crop Sci.* 32:77-383
5 (1992), the entirety of which is herein incorporated by reference, *Theor. Appl. Genet.*
83:608-612 (1992), the entirety of which is herein incorporated by reference, *J. Plant Nut.*
15:2127-2136 (1992), the entirety of which is herein incorporated by reference; Doebley
et al, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:9888-9892 (1990), the entirety of which is herein
incorporated by reference), screening genetic resource strains for useful quantitative trait
10 alleles and introgression of these alleles into commercial varieties (Beckmann and Soller,
Theor. Appl. Genet. 67:35-43 (1983), the entirety of which is herein incorporated by
reference; Tanksley *et al*, (1989) the entirety of which is incorporated by reference), or
the mapping of mutations (Rafalski, *et al.*, In: *Nonmammalian Genomic Analysis*, ed.
Birren and Lai, Academic Press, San Diego, CA, pp. 75-134 (1996). Additionally,
15 markers can be used to characterize transformants or germplasm, as a genetic diagnostic
test for plant breeding or to identify individuals or varieties (Soller and Beckmann, *Theor.*
Appl. Genet. 67:25-33 (1983), the entirety of which is herein incorporated by reference;
Tanksley *et al*, 1989). Markers also can be used to obtain information about: (1) the
number, effect, and chromosomal location of each gene affecting a trait; (2) effects of
20 multiple copies of individual genes (gene dosage); (3) interaction between/among genes
controlling a trait (epistasis); (4) whether individual genes affect more than one trait
(pleiotropy); and (5) stability of gene function across environments (G x E interactions).

It is understood that one or more of the nucleic acid molecules of the present
invention may in one embodiment be used as markers in genetic mapping. In a preferred
25 embodiment, nucleic acid molecules of the present invention may in one embodiment be
used as markers with *Glycine max*.

The nucleic acid molecules of the present invention may be used for physical mapping. Physical mapping, in conjunction with linkage analysis, can enable the isolation of genes. Physical mapping has been reported to identify the markers closest in terms of genetic recombination to a gene target for cloning. Once a DNA marker is

5 linked to a gene of interest, the chromosome walking technique can be used to find the genes via overlapping clones. For chromosome walking, random molecular markers or established molecular linkage maps are used to conduct a search to localize the gene adjacent to one or more markers. A chromosome walk (Bukanov and Berg, *Mo. Microbiol.* 11:509-523 (1994), the entirety of which is herein incorporated by reference;

10 Birkenbihl and Vielmetter *Nucleic Acids Res.* 17:5057-5069 (1989), the entirety of which is herein incorporated by reference; Wenzel and Herrmann, *Nucleic Acids Res.* 16:8323-8336, (1988), the entirety of which is herein incorporated by reference) is then initiated from the closest linked marker. Starting from the selected clones, labeled probes specific for the ends of the insert DNA are synthesized and used as probes in hybridizations

15 against a representative library. Clones hybridizing with one of the probes are picked and serve as templates for the synthesis of new probes; by subsequent analysis, contigs are produced.

The degree of overlap of the hybridizing clones used to produce a contig can be determined by comparative restriction analysis. Comparative restriction analysis can be

20 carried out in different ways all of which exploit the same principle; two clones of a library are very likely to overlap if they contain a limited number of restriction sites for one or more restriction endonucleases located at the same distance from each other. The most frequently used procedures are, fingerprinting (Coulson *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 83:7821-7821, (1986), the entirety of which is herein incorporated by reference);

25 Knott *et al.*, *Nucleic Acids Res.* 16:2601-2612 (1988), the entirety of which is herein incorporated by reference; Eiglmeier *et al.*, *Mol. Microbiol.* 7(2):197-206 (1993), the entirety of which is herein incorporated by reference, 1993), restriction fragment mapping

(Smith and Birnstiel, *Nucleic Acids Res.* 3:2387-2398 (1976), the entirety of which is herein incorporated by reference, or the "landmarking" technique (Charlebois *et al.*, *J. Mol. Biol.* 222:509-524 (1991), the entirety of which is herein incorporated by reference

To generate a physical map of a genome with BACs using the fingerprinting
 5 technique, a BAC library containing a number of clones equivalent to 4X-20X haploid genome can be used (Zhang and Wing., *Plant Mol. Bio.* 35:115-127 (1997)). For example, BAC DNA can be purified with the conventional alkaline lysis procedure as used for plasmid DNA purification, digested with the restriction enzyme used for construction of the BAC libraries and end-labeled with ³²P-dATP, digested with Sau3AI
 10 and fractionated on a denaturing polyacrylamide gel. The gel is dried to chromatography paper and exposed to X-ray film. Fingerprints are scanned and then converted into database records, according to the positions of each band relative to the bands of the closest molecular-weight marker on a gel. The incoming database of fingerprints are first compared against each other to assemble contigs if overlapped, and then compared
 15 against all existing databases to place the incoming BACs and BAC contigs in established contigs if overlapped. The physical length of a contig in kb is estimated according to the number of restriction sites of the enzyme used for the first digestion prior to fragment end labeling

Restriction analysis of a certain clone can be carried out, for example, according
 20 to a method originally described by Smith and Berstiel, *Nucleic Acids Res.* 3:2387-2398 (1976), First, the number and size of cloned restriction fragments to be mapped are determined by complete digestion and agarose gel electrophoresis. Then, the clone is linearized at a unique restriction site outside of the cloned DNA. Aliquots of the linearized molecules are digested to different extents with the enzyme selected for
 25 mapping. These partially cut samples are separated on agarose gels, blotted, and hybridized to a labeled fragment of vector DNA. This probe is derived entirely from one side or the other of the unique site used to linearize the clone.

The results show a ladder of DNA fragments that have the same unique end. By repeating these analyses in pairs with all the neighboring intermediate DNA fragments, the correct order of restriction fragments as well as the orientation of the cloned insert can be deduced. The order of restriction fragments produced by restriction enzymes other than the cloning enzyme can be determined similarly. Fragment data from different enzymes are then combined by a computer program and compared with the alignments of other clones of the library (Kohara *et al.*, *Cell* 50:495-508 (1987), the entirety of which is herein incorporated by reference).

The landmarking technique can be carried out without any labeling and relies on agarose gel analysis. Clones are first digested preferably with a 6 bp specific endonuclease A, if possible with the original clone enzyme. Clones are then digested with a second endonuclease B. Endonuclease B is chosen based on its ability to cut rarely in the genome, for example, on average only once in 30 kbp. Of the fragments generated by digestion of one clone with enzyme A, statistically only a small number (between zero and three fragments) will also be cut by enzyme B. The very specific pattern of those fragments which are produced by double digestion are easily recognized. Any of these fragments which have a restriction site for the rarely cutting endonuclease is called a "landmark" Generally one common landmark is sufficient for defining two overlapping clones.

Alternatively to chromosome walking and the associated comparative restriction analyses methods, chromosome landing also has been reported to be used to locate a gene of interest (Tanksley *et al.*, *Trends in Genetics* 11(2):63-68 (1995), the entirety of which is herein incorporated by reference. For chromosome landing, a DNA marker is isolated at a physical distance from the targeted gene. High resolution linkage analysis is used to identify such a marker that cosegregates with the gene. The marker is isolated at a distance that is less than the average insert size of the genomic library used for clone isolation. The DNA marker is then used to screen the library and isolate (or "land" on)

the clone containing the gene without chromosome walking. Genome coverage of a library can also be determined by cross-hybridization of individual large insert clones by screening a BAC library with single copy RFLP markers distributed randomly across the genome by hybridization. To assure accuracy of the physical map, the markers should be
 5 single-copy or of single-locus origin, if multiple-copy.

Chromosome landing of large-insert clones using chromosome-specific DNA markers such as STSs microsatellites, RFLPs, or other markers can correlate physical and genetic maps (Zwick *et al.*, *Genetics* 148:1983-1992 (1998), the entirety of which is herein incorporated by reference in its entirety). These strategies include chromosome
 10 landing of BACs containing markers or BAC contigs by BAC-FISH (Fluorescent *In Situ* Hybridization), a technique that involves tagging the DNA marker with an observable label. BAC clones giving positive hybridization signals are individually analyzed by FISH to metaphase chromosome spreads. The location of the labeled probe can be detected after it binds to its complementary DNA strand in an intact chromosome. The
 15 FISH of a BAC selected from a BAC contig will directly place the BAC contig to a specific chromosome region and establish a linkage relationships of the BAC contig to another BAC contig .

Likewise, BACs and STCs of the present invention can be used for contig mapping (Venter, *et al.*, *Nature*, 381:364-366 (1996), the entirety of which is herein
 20 incorporated by reference). A "seed" BAC insert can be sequenced and then STCs and the corresponding BAC of each STC can be placed on the sequenced insert using the BLASTN program. Marker or gene containing STCs can be determined by the BLASTN program and their corresponding BACs can be hybridized to specific chromosomes using BAC-FISH (Zwick *et al.*, *Genetics* 148:1983-1992 (1998)).

25 STCs can be used to identify a minimum tiling path of BACs by computational procedures. Any nucleation sequence (the sequence of an entire BAC, for example) can be electronically compared to a database of STCs to identify the next clones to be

sequenced to maximally extend a contig. Chosen STCs need to occupy correct positions in the tiling path. Several factors can contribute to errors in the positioning and selection of these clones. An STC that contains all or part of a repetitive element can appear to align at any part of the growing mosaic which contains that element. One method of selecting the appropriate BAC is to mask out all sections of DNA sequence which are known to be repetitive elements. The sequence symbols of these section are replaced with Ns. These sections of DNA are not used to align the STC. STCs which are completely comprised of Ns are discarded. In this way, the unmasked sections of DNA may be aligned against the growing mosaic without misplacing them due to redundant sequence. A program publicly available, PowerBLAST includes a number of options for masking repetitive elements and low complexity subsequences (Zhang and Madden, *Genome Res* 7:649-56 (1997), the entirety of which is herein incorporated by reference. cDNA and genomic libraries also can be used as probe sources, thus directly combining the ordering of the genomic DNA with the localization of transcribed sequences. By a simultaneous hybridization to the genomic and back to the transcriptional libraries, results are produced on sequence homologies between transcribed sequences.

It is understood that the nucleic acid molecules of the present invention may in one embodiment be used in physical mapping. In a preferred embodiment, nucleic acid molecules of the present invention may in one embodiment be used in the physical mapping of *Glycine max*.

Nucleic acid molecules of the present invention can be used in comparative mapping (physical and genetic). Comparative mapping within families provides a method to the degree of sequence conservation, gene order, ploidy of species, ancestral relationships and the rates at which individual genomes are evolving. Comparative mapping has been carried out by cross-hybridizing molecular markers across species within a given family. As in genetic mapping, molecular markers are needed but instead of direct hybridization to mapping filters, the markers are used to select large insert

clones from a total genomic DNA library of a related species. The selected clones, each a representative of a single marker, can then be used to physically map the region in the target species. The advantage of this method for comparative mapping is that no mapping population or linkage map of the target species is needed and the clones may also be used in other closely related species. By comparing the results obtained by genetic mapping in model plants, with those from other species, similarities of genomic structure among plants species can be established. Cross-hybridization of RFLP markers have been reported and conserved gene order has been established in many studies. Such macroscopic synteny is utilized for the estimation of correspondence of loci among these crops. These loci include not only Mendelian genes but also Quantitative Trait Loci (QTL) (Mohan *et al.*, *Molecular Breeding* 3:87-103 (1997), the entirety of which is herein incorporated by reference.

It is understood that markers of the present invention may in another embodiment be used in comparative mapping. In a preferred embodiment the markers of present invention may be used in the comparative mapping of *Glycine clandestina*, *Glycine gracilis*, *Glycine soja*, *Glycine tomentella*, and *Glycine tabaina*.

The nucleic acid molecules of the present invention can be used to identify polymorphisms. In one embodiment, one or more of the STC nucleic acid molecules or a BAC nucleic acid molecule (or a sub-fragment of either) may be employed as a marker nucleic acid molecule to identify such polymorphism(s). Alternatively, such polymorphisms can be detected through the use of a marker nucleic acid molecule or a marker protein that is genetically linked to (i.e., a polynucleotide that co-segregates with) such polymorphism(s).

In an alternative embodiment, such polymorphisms can be detected through the use of a marker nucleic acid molecule that is physically linked to such polymorphism(s). For this purpose, marker nucleic acid molecules comprising a nucleotide sequence of a polynucleotide located within 1 mb of the polymorphism(s), and more preferably within

100 kb of the polymorphism(s), and most preferably within 10 kb of the polymorphism(s) can be employed.

The genomes of animals and plants naturally undergo spontaneous mutation in the course of their continuing evolution (Gusella, *Ann. Rev. Biochem.* 55:831-854 (1986)). A
 5 “polymorphism” is a variation or difference in the sequence of the gene or its flanking regions that arises in some of the members of a species. The variant sequence and the “original” sequence co-exist in the species’ population. In some instances, such co-existence is in stable or quasi-stable equilibrium.

A polymorphism is thus said to be “allelic,” in that, due to the existence of the
 10 polymorphism, some members of a species may have the original sequence (i.e., the original “allele”) whereas other members may have the variant sequence (i.e., the variant “allele”). In the simplest case, only one variant sequence may exist, and the polymorphism is thus said to be di-allelic. In other cases, the species’ population may contain multiple alleles, and the polymorphism is termed tri-allelic, etc. A single gene
 15 may have multiple different unrelated polymorphisms. For example, it may have a di-allelic polymorphism at one site, and a multi-allelic polymorphism at another site.

The variation that defines the polymorphism may range from a single nucleotide variation to the insertion or deletion of extended regions within a gene. In some cases, the DNA sequence variations are in regions of the genome that are characterized by short
 20 tandem repeats (STRs) that include tandem di- or tri-nucleotide repeated motifs of nucleotides. Polymorphisms characterized by such tandem repeats are referred to as “variable number tandem repeat” (“VNTR”) polymorphisms. VNTRs have been used in identity analysis (Weber, U.S. Patent 5,075,217; Armour, *et al.*, *FEBS Lett.* 307:113-115 (1992); Jones, *et al.*, *Eur. J. Haematol.* 39:144-147 (1987); Horn, *et al.*, PCT Application
 25 WO91/14003; Jeffreys, European Patent Application 370,719; Jeffreys, U.S. Patent 5,175,082; Jeffreys *et al.*, *Amer. J. Hum. Genet.* 39:11-24 (1986); Jeffreys *et al.*, *Nature* 316:76-79 (1985); Gray, *et al.*, *Proc. R. Acad. Soc. Lond.* 243:241-253 (1991); Moore, *et*

al., *Genomics* 10:654-660 (1991); Jeffreys, *et al.*, *Anim. Genet.* 18:1-15 (1987); Hillel, *et al.*, *Anim. Genet.* 20:145-155 (1989); Hillel, *et al.*, *Genet.* 124:783-789 (1990), all of which are herein incorporated by reference in their entirety).

The detection of polymorphic sites in a sample of DNA may be facilitated through the use of nucleic acid amplification methods. Such methods specifically increase the concentration of polynucleotides that span the polymorphic site, or include that site and sequences located either distal or proximal to it. Such amplified molecules can be readily detected by gel electrophoresis or other means.

The most preferred method of achieving such amplification employs the polymerase chain reaction ("PCR") (Mullis, *et al.*, *Cold Spring Harbor Symp. Quant. Biol.* 51:263-273 (1986); Erlich, *et al.*, European Patent Appln. 50,424; European Patent Appln. 84,796, European Patent Application 258,017, European Patent Appln. 237,362; Mullis, European Patent Appln. 201,184; Mullis, *et al.*, U.S. Patent No. 4,683,202; Erlich, U.S. Patent No. 4,582,788; and Saiki, *et al.*, U.S. Patent No. 4,683,194, all of which are herein incorporated by reference), using primer pairs that are capable of hybridizing to the proximal sequences that define a polymorphism in its double-stranded form.

In lieu of PCR, alternative methods, such as the "Ligase Chain Reaction" ("LCR") may be used (Barany, *Proc. Natl. Acad. Sci.(U.S.A.)* 88:189-193 (1991), the entirety of which is herein incorporated by reference. LCR uses two pairs of oligonucleotide probes to exponentially amplify a specific target. The sequences of each pair of oligonucleotides is selected to permit the pair to hybridize to abutting sequences of the same strand of the target. Such hybridization forms a substrate for a template-dependent ligase. As with PCR, the resulting products thus serve as a template in subsequent cycles and an exponential amplification of the desired sequence is obtained.

LCR can be performed with oligonucleotides having the proximal and distal sequences of the same strand of a polymorphic site. In one embodiment, either

oligonucleotide will be designed to include the actual polymorphic site of the polymorphism. In such an embodiment, the reaction conditions are selected such that the oligonucleotides can be ligated together only if the target molecule either contains or lacks the specific nucleotide that is complementary to the polymorphic site present on the oligonucleotide. Alternatively, the oligonucleotides may be selected such that they do not include the polymorphic site (see, Segev, PCT Application WO 90/01069, the entirety of which is herein incorporated by reference).

The "Oligonucleotide Ligation Assay" ("OLA") may alternatively be employed (Landegren, *et al.*, *Science* 241:1077-1080 (1988), the entirety of which is herein incorporated by reference). The OLA protocol uses two oligonucleotides which are designed to be capable of hybridizing to abutting sequences of a single strand of a target. OLA, like LCR, is particularly suited for the detection of point mutations. Unlike LCR, however, OLA results in "linear" rather than exponential amplification of the target sequence.

Nickerson, *et al.* have described a nucleic acid detection assay that combines attributes of PCR and OLA (Nickerson, *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:8923-8927 (1990), the entirety of which is herein incorporated by reference). In this method, PCR is used to achieve the exponential amplification of target DNA, which is then detected using OLA. In addition to requiring multiple, and separate, processing steps, one problem associated with such combinations is that they inherit all of the problems associated with PCR and OLA.

Schemes based on ligation of two (or more) oligonucleotides in the presence of nucleic acid having the sequence of the resulting "di-oligonucleotide", thereby amplifying the di-oligonucleotide, are also known (Wu, *et al.*, *Genomics* 4:560 (1989), the entirety of which is herein incorporated by reference), and may be readily adapted to the purposes of the present invention.

Other known nucleic acid amplification procedures, such as allele-specific oligomers, branched DNA technology, transcription-based amplification systems, or isothermal amplification methods may also be used to amplify and analyze such polymorphisms (Malek, *et al.*, U.S. Patent 5,130,238; Davey, *et al.*, European Patent Application 329,822; Schuster *et al.*, U.S. Patent 5,169,766; Miller, *et al.*, PCT Application WO 89/06700; Kwoh, *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:1173-1177 (1989); Gingeras, *et al.*, PCT Application WO 88/10315; Walker, *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 89:392-396 (1992), all of which are herein incorporated by reference in their entirety).

The identification of a polymorphism can be determined in a variety of ways. By correlating the presence or absence of it in a plant with the presence or absence of a phenotype, it is possible to predict the phenotype of that plant. If a polymorphism creates or destroys a restriction endonuclease cleavage site, or if it results in the loss or insertion of DNA (e.g., a VNTR polymorphism), it will alter the size or profile of the DNA fragments that are generated by digestion with that restriction endonuclease. As such, individuals that possess a variant sequence can be distinguished from those having the original sequence by restriction fragment analysis. Polymorphisms that can be identified in this manner are termed "restriction fragment length polymorphisms" ("RFLPs"). RFLPs have been widely used in human and plant genetic analyses (Glassberg, UK Patent Application 2135774; Skolnick, *et al.*, *Cytogen. Cell Genet.* 32:58-67 (1982); Botstein, *et al.*, *Ann. J. Hum. Genet.* 32:314-331 (1980); Fischer, *et al.* (PCT Application WO90/13668); Uhlen, PCT Application WO90/11369).

Polymorphisms can also be identified by Single Strand Conformation Polymorphism (SSCP) analysis. The SSCP technique is a method capable of identifying most sequence variations in a single strand of DNA, typically between 150 and 250 nucleotides in length (Elles, *Methods in Molecular Medicine: Molecular Diagnosis of Genetic Diseases*, Humana Press (1996), the entirety of which is herein incorporated by

reference); Orita *et al.*, *Genomics* 5:874-879 (1989), the entirety of which is herein incorporated by reference). Under denaturing conditions a single strand of DNA will adopt a conformation that is uniquely dependent on its sequence conformation. This conformation usually will be different, even if only a single base is changed. Most conformations have been reported to alter the physical configuration or size sufficiently to be detectable by electrophoresis. A number of protocols have been described for SSCP including, but not limited to Lee *et al.*, *Anal. Biochem.* 205:289-293 (1992), the entirety of which is herein incorporated by reference; Suzuki *et al.*, *Anal. Biochem.* 192:82-84 (1991), the entirety of which is herein incorporated by reference; Lo *et al.*, *Nucleic Acids Research* 20:1005-1009 (1992), the entirety of which is herein incorporated by reference; Sarkar *et al.*, *Genomics* 13:441-443 (1992), the entirety of which is herein incorporated by reference). It is understood that one or more of the nucleic acids of the present invention, may be utilized as markers or probes to detect polymorphisms by SSCP analysis.

Polymorphisms may also be found using a DNA fingerprinting technique called amplified fragment length polymorphism (AFLP), which is based on the selective PCR amplification of restriction fragments from a total digest of genomic DNA to profile that DNA. Vos, *et al.*, *Nucleic Acids Res.* 23:4407-4414 (1995), the entirety of which is herein incorporated by reference. This method allows for the specific co-amplification of high numbers of restriction fragments, which can be visualized by PCR without knowledge of the nucleic acid sequence.

AFLP employs basically three steps. Initially, a sample of genomic DNA is cut with restriction enzymes and oligonucleotide adapters are ligated to the restriction fragments of the DNA. The restriction fragments are then amplified using PCR by using the adapter and restriction sequence as target sites for primer annealing. The selective amplification is achieved by the use of primers that extend into the restriction fragments, amplifying only those fragments in which the primer extensions match the nucleotide

flanking the restriction sites. These amplified fragments are then visualized on a denaturing polyacrylamide gel.

AFLP analysis has been performed on *Salix* (Beismann, *et al.*, *Mol. Ecol.* 6:989-993 (1997), the entirety of which is herein incorporated by reference); *Acinetobacter* (Janssen, *et al.*, *Int. J. Syst. Bacteriol.* 47:1179-1187 (1997), the entirety of which is herein incorporated by reference), *Aeromonas popoffi* (Huys, *et al.*, *Int. J. Syst. Bacteriol.* 47:1165-1171 (1997), the entirety of which is herein incorporated by reference), rice (McCouch, *et al.*, *Plant Mol. Biol.* 35:89-99 (1997), the entirety of which is herein incorporated by reference); Nandi, *et al.*, *Mol. Gen. Genet.* 255:1-8 (1997); Cho, *et al.*, *Genome* 39:373-378 (1996), herein incorporated by reference), barley (*Hordeum vulgare*) (Simons, *et al.*, *Genomics* 44:61-70 (1997), the entirety of which is herein incorporated by reference); Waugh, *et al.*, *Mol. Gen. Genet.* 255:311-321 (1997), the entirety of which is herein incorporated by reference; Qi, *et al.*, *Mol. Gen. Genet.* 254:330-336 (1997), the entirety of which is herein incorporated by reference; Becker, *et al.*, *Mol. Gen. Genet.* 249:65-73 (1995), the entirety of which is herein incorporated by reference), potato (Van der Voort, *et al.*, *Mol. Gen. Genet.* 255:438-447 (1997), the entirety of which is herein incorporated by reference; Meksem, *et al.*, *Mol. Gen. Genet.* 249:74-81 (1995), the entirety of which is herein incorporated by reference), *Phytophthora infestans* (Van der Lee, *et al.*, *Fungal Genet. Biol.* 21:278-291 (1997), the entirety of which is herein incorporated by reference), *Bacillus anthracis* (Keim, *et al.*, *J. Bacteriol.* 179:818-824 (1997)), *Astragalus cremnophylax* (Travis, *et al.*, *Mol. Ecol.* 5:735-745 (1996), the entirety of which is herein incorporated by reference), *Arabidopsis* (Cnops, *et al.*, *Mol. Gen. Genet.* 253:32-41 (1996), the entirety of which is herein incorporated by reference), *Escherichia coli* (Lin, *et al.*, *Nucleic Acids Res.* 24:3649-3650 (1996), the entirety of which is herein incorporated by reference), *Aeromonas* (Huys, *et al.*, *Int. J. Syst. Bacteriol.* 46:572-580 (1996), the entirety of which is herein incorporated by reference), nematode (Folkertsma, *et al.*, *Mol. Plant Microbe Interact.* 9:47-54 (1996), the entirety of

which is herein incorporated by reference), tomato (Thomas, *et al.*, *Plant J.* 8:785-794 (1995), the entirety of which is herein incorporated by reference), and human (Latorra, *et al.*, *PCR Methods Appl.* 3:351-358 (1994) the entirety of which is herein incorporated by reference). AFLP analysis has also been used for fingerprinting mRNA (Money, *et al.*,
 5 *Nucleic Acids Res.* 24:2616-2617 (1996), the entirety of which is herein incorporated by reference; Bachem, *et al.*, *Plant J.* 9:745-753 (1996), the entirety of which is herein incorporated by reference). It is understood that one or more of the nucleic acid molecules of the present invention, may be utilized as markers or probes to detect polymorphisms by AFLP analysis for fingerprinting mRNA.

10 Polymorphisms may also be found using random amplified polymorphic DNA (RAPD) (Williams *et al.*, *Nucl. Acids Res.* 18:6531-6535 (1990), the entirety of which is herein incorporated by reference) and cleavable amplified polymorphic sequences (CAPS) (Lyamichev *et al.*, *Science* 260:778-783 (1993), the entirety of which is herein incorporated by reference). It is understood that one or more of the nucleic acid
 15 molecules of the present invention, may be utilized as markers or probes to detect polymorphisms by RAPD or CAPS analysis.

Nucleic acid molecules of the present invention can be used to monitor expression. A microarray-based method for high-throughput monitoring of plant gene expression may be utilized to measure gene-specific hybridization targets. This 'chip'-
 20 based approach involves using microarrays of nucleic acid molecules as gene-specific hybridization targets to quantitatively measure expression of the corresponding plant genes (Schena *et al.*, *Science* 270:467-470 (1995), the entirety of which is herein incorporated by reference; Shalon, Ph.D. Thesis. Stanford University (1996), the entirety of which is herein incorporated by reference). Every nucleotide in a large sequence can
 25 be queried at the same time. Hybridization can be used to efficiently analyze nucleotide sequences.

Several microarray methods have been described. One method compares the sequences to be analyzed by hybridization to a set of oligonucleotides or cDNA molecules representing all possible subsequences (Bains and Smith, *J. Theor. Biol.* 135:303 (1989), the entirety of which is herein incorporated by reference). A second
 5 method hybridizes the sample to an array of oligonucleotide or cDNA probes. An array consisting of oligonucleotides or cDNA molecules complementary to subsequences of a target sequence can be used to determine the identity of a target sequence, measure its amount, and detect differences between the target and a reference sequence. Nucleic acid molecule microarrays may also be screened with protein molecules or fragments thereof
 10 to determine nucleic acid molecules that specifically bind protein molecules or fragments thereof.

Additionally, microarrays of BACs may be prepared to sufficiently cover 3X of an entire genome. Such microarrays can be used in a variety of genomics experiments including gene mapping, DNA fingerprinting and promoter identification. Microarrays
 15 of genomic DNA can also be used for parallel analysis of genomes at single gene resolution (Lemieux *et al.*, *Molecular Breeding* 277-289 (1988), the entirety of which is herein incorporated by reference). It is understood that one or more of the molecules of the present invention, preferably one or more of the nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a genomic
 20 microarray based method. In a preferred embodiment of the present invention, one or more of the *Glycine max* nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a genomic microarray based method. For example, Genomic Mismatch Scanning (GMS), a hybridization-based method of linkage analysis that allows rapid identification of regions of identity-by-descent between
 25 two related individuals, can be carried out with microarrays. GMS is reported to have been used to identify genetically common chromosomal segments based on the ability of these DNA sequences to form extensive regions of mismatch-free heteroduplexes. A

series of enzymatic steps, coupled with filter binding, is used to selectively remove heteroduplexes that contain mismatches (i.e., chromosomal regions that do not share identity-by descent.). Fragments of chromosomal DNA representing inherited regions are hybridized to a microarray of ordered genomic clones and positive hybridization signals
 5 pinpoint regions of identity-by-descent at high resolution (Lemieux *et al.*, *Molecular Breeding* 277-289 (1988))

It is understood that one or more of the molecules of the present invention, preferably one or more of the nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method to
 10 locate regions of identity-by-descent between related individuals. In a preferred embodiment of the present invention, one or more of the *Glycine max* nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method to locate regions of identity-by-descent between related individuals. The GMS microarray approach can also be used as a tool to
 15 map mutigenic traits. For example, in yeast, the entire genomic sequence is known and it has been reported that the genes responsible for growth at elevated temperature, a trait required for the pathogenicity of certain yeast strains, may be determined using GMS (Lemieux *et al.*, *Molecular Breeding* 277-289 (1988)). By analyzing the inheritance of large numbers of tetrads derived from crosses of pathogenic and wild type strains, all the
 20 genes responsible for a yeast strain's ability to grow at 42°C, for example, could be identified.

It is understood that one or more of the molecules of the present invention, preferably one or more of the nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method to
 25 map multigenic traits. In a preferred embodiment of the present invention, one or more of the *Glycine max* nucleic acid molecules or protein molecules or fragments thereof of the

present invention may be utilized in a GMS microarray based method to map multigenic traits.

Plant repeat elements may be used with GMS microarraying to identify species specific chromosomes in another species background. For example, the maize genome contains moderately repetitive DNA sequences (ZLRS) representing about 2500 copies per haploid genome; these sequences are present in the genus *Zea* and absent in other graminaceous species. Ananiev *et al.*, (*Proc. Natl. Acad. Sci. (U.S.A.)* 94:3526-3529 (1997), all of which are herein incorporated by reference in their entirety) have reported unusual plants with individual maize chromosomes added to a complete oat genome generated by embryo rescue from oat (*Avena sativa*) x *Zea mays* crosses. By using highly repetitive maize-specific sequences as probes, Ananiev *et al.* (1997) were able to selectively isolate cosmid clones containing maize genomic DNA.

It is understood that one or more of the molecules of the present invention, preferably one or more of the nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method using repeat elements to selectively isolate clones containing species specific DNA. In a preferred embodiment of the present invention, one or more of the *Glycine max* nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a GMS microarray based method to selectively isolate clones containing species specific DNA. A particular preferred microarray embodiment of the present invention is a microarray comprising nucleic acid molecules encoding genes that are homologues of known genes or nucleic acid molecules that comprise genes or fragments thereof that elicit only limited or no matches to known genes. A further preferred microarray embodiment of the present invention is a microarray comprising nucleic acid molecules encoding genes or fragments thereof that are homologues of known genes and nucleic acid molecules that comprise genes or fragments thereof that elicit only limited or no matches to known genes. A further preferred microarray embodiment of the present

invention is a microarray comprising nucleic acid molecules encoding genes or fragments thereof that elicit only limited or no matches to known genes.

It is understood that one or more of the molecules of the present invention, preferably one or more of the nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a microarray based method. In a preferred embodiment of the present invention, one or more of the *Glycine max* nucleic acid molecules or protein molecules or fragments thereof of the present invention may be utilized in a microarray based method.

Nucleic acid molecules of the present invention may be used in site directed mutagenesis. Site-directed mutagenesis may be utilized to modify nucleic acid sequences, particularly as it is a technique that allows one or more of the amino acids encoded by a nucleic acid molecule to be altered (e.g. a threonine to be replaced by a methionine). Three basic methods for site-directed mutagenesis are often employed. These are cassette mutagenesis (Wells *et al.*, *Gene* 34:315-23 (1985), the entirety of which is herein incorporated by reference), primer extension (Gilliam *et al.*, *Gene* 12:129-137 (1980), the entirety of which is herein incorporated by reference); Zoller and Smith, *Methods Enzymol.* 100:468-500 (1983), the entirety of which is herein incorporated by reference; and Dalbadie-McFarland *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 79:6409-6413 (1982), the entirety of which is herein incorporated by reference) and methods based upon PCR (Scharf *et al.*, *Science* 233:1076-1078 (1986), the entirety of which is herein incorporated by reference; Higuchi *et al.*, *Nucleic Acids Res.* 16:7351-7367 (1988), the entirety of which is herein incorporated by reference).

Any of the nucleic acid molecules of the present invention may either be modified by site-directed mutagenesis or used as, for example, nucleic acid molecules that are used to target other nucleic acid molecules for modification. It is understood that mutants with more than one altered nucleotide can be constructed using techniques that practitioners

skilled in the art are familiar with such as isolating restriction fragments and ligating such fragments into an expression vector.

ApBACwch system has been developed to achieve site-directed integration of DNA into the genome. A 150 kb cotton BAC DNA is reported to have been transferred
5 into a specific lox site in tobacco by biolistic bombardment and Cre-lox site specific recombination.

A construct or vector comprising a nucleic acid molecules of the present invention may be used in transformation. Exogenous genetic material may be transferred into a plant cell and the plant cell regenerated into a whole, fertile or sterile plant. Exogenous
10 genetic material is any genetic material, whether naturally occurring or otherwise, from any source that is capable of being inserted into any organism. In a preferred embodiment of the present invention the exogenous genetic material can include *Glycine max* genetic material. Such genetic material may be transferred into either monocotyledons and dicotyledons including but not limited to the plants, *Zea mays* and *Arabidopsis thaliana*
15 and soybean (See specifically, Chistou, *Particle Bombardment for Genetic Engineering of Plants*, pp. 63-69 (*Zea mays*), pp50-60 (soybean), Biotechnology Intelligence Unit, Academic Press, San Diego, California (1996), the entirety of which is herein incorporated by reference and generally Chistou, *Particle Bombardment for Genetic Engineering of Plants*, Biotechnology Intelligence Unit, Academic Press, San Diego,
20 California (1996), the entirety of which is herein incorporated by reference).

Transfer of a nucleic acid that encodes for a protein can result in overexpression of that protein in a transformed cell or transgenic plant. One or more of the proteins or fragments thereof encoded by nucleic acid molecules of the present invention may be overexpressed in a transformed cell or transformed plant. Such overexpression may be
25 the result of transient or stable transfer of the exogenous material.

Exogenous genetic material may be transferred into a plant cell by the use of a DNA vector or construct designed for such a purpose. In a preferred embodiment, the

exogenous genetic material comprises a nucleic acid molecule of the present invention.

Vectors have been engineered for transformation of large DNA inserts into plant genomes. Vectors have been designed to replicate in both *E. coli* and *A. tumefaciens* and have all of the features required for transferring large inserts of DNA into plant chromosomes (Choi and Wing, <http://genome.clemson.edu/protocols2-nj.html> July, 1998). ApBACwch system has been developed to achieve site-directed integration of DNA into the genome. A 150 kb cotton BAC DNA is reported to have been transferred into a specific *lox* site in tobacco by biolistic bombardment and *Cre-lox* site specific recombination.

A construct or vector may include a plant promoter to express the protein or protein fragment of choice. A number of promoters which are active in plant cells have been described in the literature. These include the nopaline synthase (NOS) promoter (Ebert *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 84:5745-5749 (1987), the entirety of which is herein incorporated by reference), the octopine synthase (OCS) promoter (which are carried on tumor-inducing plasmids of *Agrobacterium tumefaciens*), the caulimovirus promoters such as the cauliflower mosaic virus (CaMV) 19S promoter (Lawton *et al.*, *Plant Mol. Biol.* 9:315-324 (1987), the entirety of which is herein incorporated by reference) and the CAMV 35S promoter (Odell *et al.*, *Nature* 313:810-812 (1985), the entirety of which is herein incorporated by reference), the figwort mosaic virus 35S-promoter, the light-inducible promoter from the small subunit of ribulose-1,5-bisphosphate carboxylase (ssRUBISCO), the Adh promoter (Walker *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 84:6624-6628 (1987), the entirety of which is herein incorporated by reference), the sucrose synthase promoter (Yang *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:4144-4148 (1990), the entirety of which is herein incorporated by reference), the R gene complex promoter (Chandler *et al.*, *The Plant Cell* 1:1175-1183 (1989), the entirety of which is herein incorporated by reference), and the chlorophyll a/b binding protein gene promoter, etc. These promoters have been used to create DNA constructs which

have been expressed in plants; *see, e.g.*, PCT publication WO 84/02913, herein incorporated by reference in its entirety.

Promoters which are known or are found to cause transcription of DNA in plant cells can be used in the present invention. Such promoters may be obtained from a variety of sources such as plants and plant viruses. It is preferred that the particular promoter selected should be capable of causing sufficient expression to result in the production of an effective amount of protein to cause the desired phenotype. In addition to promoters which are known to cause transcription of DNA in plant cells, other promoters may be identified for use in the current invention by screening a plant cDNA library for genes which are selectively or preferably expressed in the target tissues or cells.

For the purpose of expression in source tissues of the plant, such as the leaf, seed, root or stem, it is preferred that the promoters utilized in the present invention have relatively high expression in these specific tissues. For this purpose, one may choose from a number of promoters for genes with tissue- or cell-specific or -enhanced expression. Examples of such promoters reported in the literature include the chloroplast glutamine synthetase GS2 promoter from pea (Edwards *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:3459-3463 (1990), herein incorporated by reference in its entirety), the chloroplast fructose-1,6-biphosphatase (FBPase) promoter from wheat (Lloyd *et al.*, *Mol. Gen. Genet.* 225:209-216 (1991), herein incorporated by reference in its entirety), the nuclear photosynthetic ST-LS1 promoter from potato (Stockhaus *et al.*, *EMBO J.* 8:2445-2451 (1989), herein incorporated by reference in its entirety), the phenylalanine ammonia-lyase (PAL) promoter and the chalcone synthase (CHS) promoter from *Arabidopsis thaliana*. Also reported to be active in photosynthetically active tissues are the ribulose-1,5-bisphosphate carboxylase (RbcS) promoter from eastern larch (*Larix laricina*), the promoter for the *cab* gene, *cab6*, from pine (Yamamoto *et al.*, *Plant Cell Physiol.* 35:773-778 (1994), herein incorporated by reference in its entirety), the promoter

for the Cab-1 gene from wheat (Fejes *et al.*, *Plant Mol. Biol.* 15:921-932 (1990), herein incorporated by reference in its entirety), the promoter for the CAB-1 gene from spinach (Lubberstedt *et al.*, *Plant Physiol.* 104:997-1006 (1994), herein incorporated by reference in its entirety), the promoter for the cab1R gene from rice (Luan *et al.*, *Plant Cell.* 4:971-981 (1992), the entirety of which is herein incorporated by reference), the pyruvate, orthophosphate dikinase (PPDK) promoter from *Zea mays* (Matsuoka *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 90:9586-9590 (1993), herein incorporated by reference in its entirety), the promoter for the tobacco Lhcb1*2 gene (Cerdan *et al.*, *Plant Mol. Biol.* 33:245-255. (1997), herein incorporated by reference in its entirety), the *Arabidopsis thaliana* SUC2 sucrose-H⁺ symporter promoter (Truernit *et al.*, *Planta.* 196:564-570 (1995), herein incorporated by reference in its entirety), and the promoter for the thylacoid membrane proteins from spinach (psaD, psaF, psaE, PC, FNR, atpC, atpD, cab, rbcS). Other promoters for the chlorophyll a/b-binding proteins may also be utilized in the present invention, such as the promoters for Lhcb gene and PsbP gene from white mustard (*Sinapis alba*; Kretsch *et al.*, *Plant Mol. Biol.* 28:219-229 (1995), the entirety of which is herein incorporated by reference).

For the purpose of expression in sink tissues of the plant, such as the tuber of the potato plant, the fruit of tomato, or the seed of *Zea mays*, wheat, rice, and barley, it is preferred that the promoters utilized in the present invention have relatively high expression in these specific tissues. A number of promoters for genes with tuber-specific or -enhanced expression are known, including the class I patatin promoter (Bevan *et al.*, *EMBO J.* 8:1899-1906 (1986); Jefferson *et al.*, *Plant Mol. Biol.* 14:995-1006 (1990), both of which are herein incorporated by reference in its entirety), the promoter for the potato tuber ADPGPP genes, both the large and small subunits, the sucrose synthase promoter (Salanoubat and Belliard, *Gene.* 60:47-56 (1987), Salanoubat and Belliard, *Gene.* 84:181-185 (1989), both of which are incorporated by reference in their entirety), the promoter for the major tuber proteins including the 22 kd protein complexes and proteinase

inhibitors (Hannapel, *Plant Physiol.* 101:703-704 (1993), herein incorporated by reference in its entirety), the promoter for the granule bound starch synthase gene (GBSS) (Visser *et al.*, *Plant Mol. Biol.* 17:691-699 (1991), herein incorporated by reference in its entirety), and other class I and II patatins promoters (Koster-Topfer *et al.*, *Mol. Gen. Genet.* 219:390-396 (1989); Mignery *et al.*, *Gene.* 62:27-44 (1988), both of which are herein incorporated by reference in their entirety).

Other promoters can also be used to express a fructose 1,6 bisphosphate aldolase gene in specific tissues, such as seeds or fruits. The promoter for β -conglycinin (Chen *et al.*, *Dev. Genet.* 10:112-122 (1989), herein incorporated by reference in its entirety) or other seed-specific promoters such as the napin and phaseolin promoters, can be used.

The zeins are a group of storage proteins found in *Zea mays* endosperm. Genomic clones for zein genes have been isolated (Pedersen *et al.*, *Cell* 29:1015-1026 (1982), herein incorporated by reference in its entirety), and the promoters from these clones, including the 15 kD, 16 kD, 19 kD, 22 kD, 27 kD, and gamma genes, could also be used. Other promoters known to function, for example, in *Zea mays*, include the promoters for the following genes: *waxy*, *Brittle*, *Shrunken 2*, Branching enzymes I and II, starch synthases, debranching enzymes, oleosins, glutelins, and sucrose synthases. A particularly preferred promoter for *Zea mays* endosperm expression is the promoter for the glutelin gene from rice, more particularly the Osgt-1 promoter (Zheng *et al.*, *Mol. Cell Biol.* 13:5829-5842 (1993), herein incorporated by reference in its entirety). Examples of promoters suitable for expression in wheat include those promoters for the ADPglucose pyrophosphorylase (ADPGPP) subunits, the granule bound and other starch synthases, the branching and debranching enzymes, the embryogenesis-abundant proteins, the gliadins, and the glutenins. Examples of such promoters in rice include those promoters for the ADPGPP subunits, the granule bound and other starch synthases, the branching enzymes, the debranching enzymes, sucrose synthases, and the glutelins. A particularly preferred promoter is the promoter for rice glutelin, Osgt-1. Examples of such promoters for barley

include those for the ADPGPP subunits, the granule bound and other starch synthases, the branching enzymes, the debranching enzymes, sucrose synthases, the hordeins, the embryo globulins, and the aleurone specific proteins.

Root specific promoters may also be used. An example of such a promoter is the promoter for the acid chitinase gene (Samac *et al.*, *Plant Mol. Biol.* 25:587-596 (1994), the entirety of which is herein incorporated by reference). Expression in root tissue could also be accomplished by utilizing the root specific subdomains of the CaMV35S promoter that have been identified (Lam *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 86:7890-7894 (1989), herein incorporated by reference in its entirety). Other root cell specific promoters include those reported by Conkling *et al.* (Conkling *et al.*, *Plant Physiol.* 93:1203-1211 (1990), the entirety of which is herein incorporated by reference).

Additional promoters that may be utilized are described, for example, in U.S. Patent Nos. 5,378,619, 5,391,725, 5,428,147, 5,447,858, 5,608,144, 5,608,144, 5,614,399, 5,633,441, 5,633,435, and 4,633,436, all of which are herein incorporated in their entirety. In addition, a tissue specific enhancer may be used (Fromm *et al.*, *The Plant Cell* 1:977-984 (1989), the entirety of which is herein incorporated by reference).

Constructs or vectors may also include, with the coding region of interest, a nucleic acid sequence that acts, in whole or in part, to terminate transcription of that region. For example, such sequences have been isolated including the Tr7 3' sequence and the nos 3' sequence (Ingelbrecht *et al.*, *The Plant Cell* 1:671-680 (1989), the entirety of which is herein incorporated by reference; Bevan *et al.*, *Nucleic Acids Res.* 11:369-385 (1983), the entirety of which is herein incorporated by reference), or the like.

A vector or construct may also include regulatory elements. Examples of such include the Adh intron 1 (Callis *et al.*, *Genes and Develop.* 1:1183-1200 (1987), the entirety of which is herein incorporated by reference), the sucrose synthase intron (Vasil *et al.*, *Plant Physiol.* 91:1575-1579 (1989), the entirety of which is herein incorporated by reference) and the TMV omega element (Gallie *et al.*, *The Plant Cell* 1:301-311 (1989),

the entirety of which is herein incorporated by reference). These and other regulatory elements may be included when appropriate.

A vector or construct may also include a selectable marker. Selectable markers may also be used to select for plants or plant cells that contain the exogenous genetic material. Examples of such include, but are not limited to, a neo gene (Potrykus *et al.*, *Mol. Gen. Genet.* 199:183-188 (1985), the entirety of which is herein incorporated by reference) which codes for kanamycin resistance and can be selected for using kanamycin, G418, etc.; a bar gene which codes for bialaphos resistance; a mutant EPSP synthase gene (Hinchey *et al.*, *Bio/Technology* 6:915-922 (1988), the entirety of which is herein incorporated by reference) which encodes glyphosate resistance; a nitrilase gene which confers resistance to bromoxynil (Stalker *et al.*, *J. Biol. Chem.* 263:6310-6314 (1988), the entirety of which is herein incorporated by reference); a mutant acetolactate synthase gene (ALS) which confers imidazolinone or sulphonylurea resistance (European Patent Application 154,204 (Sept. 11, 1985), the entirety of which is herein incorporated by reference); and a methotrexate resistant DHFR gene (Thillet *et al.*, *J. Biol. Chem.* 263:12500-12508 (1988), the entirety of which is herein incorporated by reference).

A vector or construct may also include a transit peptide. Incorporation of a suitable chloroplast transit peptide may also be employed (European Patent Application Publication Number 0218571, the entirety of which is herein incorporated by reference).

Translational enhancers may also be incorporated as part of the vector DNA. DNA constructs could contain one or more 5' non-translated leader sequences which may serve to enhance expression of the gene products from the resulting mRNA transcripts. Such sequences may be derived from the promoter selected to express the gene or can be specifically modified to increase translation of the mRNA. Such regions may also be obtained from viral RNAs, from suitable eukaryotic genes, or from a synthetic gene sequence. For a review of optimizing expression of transgenes, see Koziel *et al.*, *Plant Mol. Biol.* 32:393-405 (1996), the entirety of which is herein incorporated by reference.

A vector or construct may also include a screenable marker. Screenable markers may be used to monitor expression. Exemplary screenable markers include a β -glucuronidase or uidA gene (GUS) which encodes an enzyme for which various chromogenic substrates are known (Jefferson, *Plant Mol. Biol. Rep.* 5:387-405 (1987), the entirety of which is herein incorporated by reference; Jefferson *et al.*, *EMBO J.* 6:3901-3907 (1987), the entirety of which is herein incorporated by reference); an R-locus gene, which encodes a product that regulates the production of anthocyanin pigments (red color) in plant tissues ((Dellaporta *et al.*, *Stadler Symposium* 11:263-282 (1988), the entirety of which is herein incorporated by reference); a β -lactamase gene (Sutcliffe *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 75:3737-3741 (1978), the entirety of which is herein incorporated by reference), a gene which encodes an enzyme for which various chromogenic substrates are known (e.g., PADAC, a chromogenic cephalosporin); a luciferase gene (Ow *et al.*, *Science* 234:856-859 (1986), the entirety of which is herein incorporated by reference) a xyle gene (Zukowsky *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 80:1101-1105 (1983), the entirety of which is herein incorporated by reference) which encodes a catechol dioxygenase that can convert chromogenic catechols; an α -amylase gene (Ikata *et al.*, *Bio/Technol.* 8:241-242 (1990), the entirety of which is herein incorporated by reference); a tyrosinase gene (Katz *et al.*, *J. Gen. Microbiol.* 129:2703-2714 (1983), the entirety of which is herein incorporated by reference) which encodes an enzyme capable of oxidizing tyrosine to DOPA and dopaquinone which in turn condenses to melanin; an α -galactosidase, which will turn a chromogenic α -galactose substrate.

Included within the terms "selectable or screenable marker genes" are also genes which encode a secretable marker whose secretion can be detected as a means of identifying or selecting for transformed cells. Examples include markers which encode a secretable antigen that can be identified by antibody interaction, or even secretable enzymes which can be detected catalytically. Secretable proteins fall into a number of classes, including small, diffusible proteins detectable, e.g., by ELISA, small active

enzymes detectable in extracellular solution (e.g., α -amylase, β -lactamase, phosphinothricin transferase), or proteins which are inserted or trapped in the cell wall (such as proteins which include a leader sequence such as that found in the expression unit of extension or tobacco PR-S). Other possible selectable and/or screenable marker genes will be apparent to those of skill in the art.

Methods and compositions for transforming a bacteria and other microorganisms are known in the art (see for example Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual*, Second Edition, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, N.Y., (1989), the entirety of which is herein incorporated by reference).

There are many methods for introducing transforming nucleic acid molecules into plant cells. Suitable methods are believed to include virtually any method by which nucleic acid molecules may be introduced into a cell, such as by *Agrobacterium* infection or direct delivery of nucleic acid molecules such as, for example, by PEG-mediated transformation, by electroporation or by acceleration of DNA coated particles, etc. (Pottkyus, *Ann. Rev. Plant Physiol. Plant Mol. Biol.* 42:205-225 (1991), the entirety of which is herein incorporated by reference; Vasil, *Plant Mol. Biol.* 25:925-937 (1994), the entirety of which is herein incorporated by reference. For example, electroporation has been used to transform *Zea mays* protoplasts (Fromm *et al.*, *Nature* 312:791-793 (1986), the entirety of which is herein incorporated by reference).

Technology for introduction of DNA into cells is well known to those of skill in the art. Four general methods for delivering a gene into cells have been described: (1) chemical methods (Graham and van der Eb, *Virology*, 54:536-539 (1973), the entirety of which is herein incorporated by reference); (2) physical methods such as microinjection (Capecchi, *Cell* 22:479-488 (1980), electroporation (Wong and Neumann, *Biochem. Biophys. Res. Commun.*, 107:584-587 (1982); Fromm *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)*, 82:5824-5828 (1985); U.S. Patent No. 5,384,253; and the gene gun (Johnston and Tang, *Methods Cell Biol.* 43:353-365 (1994), all of which the entirety is

herein incorporated by reference; (3) viral vectors (Clapp, *Clin. Perinatol.*, 20:155-168 (1993); Lu *et al.*, *J. Exp. Med.*, 178:2089-2096 (1993); Eglitis and Anderson, *Biotechniques*, 6:608-614 (1988), all of which the entirety is herein incorporated by reference); and (4) receptor-mediated mechanisms (Curiel *et al.*, *Hum. Gen. Ther.*, 3:147-154 (1992); Wagner *et al.*, *Proc. Natl. Acad. Sci. U.S.A.*, 89:6099-6103 (1992), all of which the entirety is herein incorporated by reference).

Acceleration methods that may be used include, for example, microprojectile bombardment and the like. One example of a method for delivering transforming nucleic acid molecules to plant cells is microprojectile bombardment. This method has been reviewed by Yang and Christou, eds., *Particle Bombardment Technology for Gene Transfer*, Oxford Press, Oxford, England (1994), the entirety of which is herein incorporated by reference). Non-biological particles (microprojectiles) that may be coated with nucleic acids and delivered into cells by a propelling force. Exemplary particles include those comprised of tungsten, gold, platinum, and the like.

A particular advantage of microprojectile bombardment, in addition to it being an effective means of reproducibly, and stably transforming monocotyledons, is that neither the isolation of protoplasts (Cristou *et al.*, *Plant Physiol.* 87:671-674 (1988), the entirety of which is herein incorporated by reference) nor the susceptibility of *Agrobacterium* infection is required. An illustrative embodiment of a method for delivering DNA into maize cells by acceleration is a biolistics-particle delivery system, which can be used to propel particles coated with DNA through a screen, such as a stainless steel or Nytex screen, onto a filter surface covered with corn cells cultured in suspension. Gordon-Kamm *et al.*, describes the basic procedure for coating tungsten particles with DNA (Gordon-Kamm *et al.*, *Plant Cell* 2:603-618 (1990), the entirety of which is herein incorporated by reference). The screen disperses the tungsten nucleic acid particles so that they are not delivered to the recipient cells in large aggregates. A particle delivery system suitable for use with the present invention is the helium acceleration PDS-

1000/He gun which is available from Bio-Rad Laboratories (Bio-Rad, Hercules, California)(Sanford *et al.*, *Technique* 3:3-16 (1991), the entirety of which is herein incorporated by reference).

For the bombardment, cells in suspension may be concentrated on filters. Filters
5 containing the cells to be bombarded are positioned at an appropriate distance below the microprojectile stopping plate. If desired, one or more screens are also positioned between the gun and the cells to be bombarded.

Alternatively, immature embryos or other target cells may be arranged on solid culture medium. The cells to be bombarded are positioned at an appropriate distance
10 below the macroprojectile stopping plate. If desired, one or more screens are also positioned between the acceleration device and the cells to be bombarded. Through the use of techniques set forth herein one may obtain up to 1000 or more foci of cells transiently expressing a marker gene. The number of cells in a focus which express the exogenous gene product 48 hours post-bombardment often range from one to ten and
15 average one to three.

In bombardment transformation, one may optimize the prebombardment culturing conditions and the bombardment parameters to yield the maximum numbers of stable transformants. Both the physical and biological parameters for bombardment are important in this technology. Physical factors are those that involve manipulating the
20 DNA/microprojectile precipitate or those that affect the flight and velocity of either the macro- or microprojectiles. Biological factors include all steps involved in manipulation of cells before and immediately after bombardment, the osmotic adjustment of target cells to help alleviate the trauma associated with bombardment, and also the nature of the transforming DNA, such as linearized DNA or intact supercoiled plasmids. It is believed
25 that pre-bombardment manipulations are especially important for successful transformation of immature embryos.

In another alternative embodiment, plastids can be stably transformed. Methods disclosed for plastid transformation in higher plants include particle gun delivery of DNA containing a selectable marker and targeting of the DNA to the plastid genome through homologous recombination (Svab *et al. Proc. Natl. Acad. Sci. (U.S.A.)* 87:8526-8530 (1990); Svab and Maliga *Proc. Natl. Acad. Sci. (U.S.A.)* 90:913-917 (1993)); (Staub, J. M. and Maliga, P. *EMBO J.* 12:601-606 (1993), U.S. Patents 5, 451,513 and 5,545,818 all of which are herein incorporated by reference in their entirety).

Accordingly, it is contemplated that one may wish to adjust various aspects of the bombardment parameters in small scale studies to fully optimize the conditions. One may particularly wish to adjust physical parameters such as gap distance, flight distance, tissue distance, and helium pressure. One may also minimize the trauma reduction factors by modifying conditions which influence the physiological state of the recipient cells and which may therefore influence transformation and integration efficiencies. For example, the osmotic state, tissue hydration and the subculture stage or cell cycle of the recipient cells may be adjusted for optimum transformation. The execution of other routine adjustments will be known to those of skill in the art in light of the present disclosure.

Agrobacterium-mediated transfer is a widely applicable system for introducing genes into plant cells because the DNA can be introduced into whole plant tissues, thereby bypassing the need for regeneration of an intact plant from a protoplast. The use of *Agrobacterium*-mediated plant integrating vectors to introduce DNA into plant cells is well known in the art. See, for example the methods described (Fraley *et al., Biotechnology* 3:629-635 (1985); Rogers *et al., Meth. In Enzymol*, 153:253-277 (1987), both of which are herein incorporated by reference in their entirety. Further, the integration of the Ti-DNA is a relatively precise process resulting in few rearrangements. The region of DNA to be transferred is defined by the border sequences, and intervening

DNA is usually inserted into the plant genome as described (Spielmann *et al.*, *Mol. Gen. Genet.*, 205:34 (1986), the entirety of which is herein incorporated by reference).

Modern *Agrobacterium* transformation vectors are capable of replication in *E. coli* as well as *Agrobacterium*, allowing for convenient manipulations as described (Klee *et al.*, In: *Plant DNA Infectious Agents*, T. Hohn and J. Schell, eds., Springer-Verlag, New York, pp. 179-203 (1985), the entirety of which is herein incorporated by reference.

Moreover, recent technological advances in vectors for *Agrobacterium*-mediated gene transfer have improved the arrangement of genes and restriction sites in the vectors to facilitate construction of vectors capable of expressing various polypeptide coding genes.

The vectors described have convenient multi-linker regions flanked by a promoter and a polyadenylation site for direct expression of inserted polypeptide coding genes and are suitable for present purposes (Rogers *et al.*, *Meth. In Enzymol.*, 153:253-277 (1987), the entirety of which is herein incorporated by reference). In addition, *Agrobacterium* containing both armed and disarmed Ti genes can be used for the transformations. In those plant strains where *Agrobacterium*-mediated transformation is efficient, it is the method of choice because of the facile and defined nature of the gene transfer.

A transgenic plant formed using *Agrobacterium* transformation methods typically contains a single gene on one chromosome. Such transgenic plants can be referred to as being heterozygous for the added gene. More preferred is a transgenic plant that is homozygous for the added structural gene; *i.e.*, a transgenic plant that contains two added genes, one gene at the same locus on each chromosome of a chromosome pair. A homozygous transgenic plant can be obtained by sexually mating (selfing) an independent segregant transgenic plant that contains a single added gene, germinating some of the seed produced and analyzing the resulting plants produced for the gene of interest.

It is also to be understood that two different transgenic plants can also be mated to produce offspring that contain two independently segregating added, exogenous genes. Selfing of appropriate progeny can produce plants that are homozygous for both added,

exogenous genes that encode a polypeptide of interest. Back-crossing to a parental plant and out-crossing with a non-transgenic plant are also contemplated, as is vegetative propagation.

Transformation of plant protoplasts can be achieved using methods based on calcium phosphate precipitation, polyethylene glycol treatment, electroporation, and combinations of these treatments. See for example (Potrykus *et al.*, *Mol. Gen. Genet.*, 205:193-200 (1986); Lorz *et al.*, *Mol. Gen. Genet.*, 199:178, (1985); Fromm *et al.*, *Nature*, 319:791,(1986); Uchimiya *et al.*, *Mol. Gen. Genet.*:204:204, (1986); Callis *et al.*, *Genes and Development*, 1183,(1987); Marcotte *et al.*, *Nature*, 335:454, (1988), all of which the entirety is herein incorporated by reference).

Application of these systems to different plant strains depends upon the ability to regenerate that particular plant strain from protoplasts. Illustrative methods for the regeneration of cereals from protoplasts are described (Fujimura *et al.*, *Plant Tissue Culture Letters*, 2:74,(1985); Toriyama *et al.*, *Theor Appl. Genet.* 205:34. (1986); Yamada *et al.*, *Plant Cell Rep.*, 4:85, (1986); Abdullah *et al.*, *Biotechnology*, 4:1087, (1986), all of which the entirety is herein incorporated by reference).

To transform plant strains that cannot be successfully regenerated from protoplasts, other ways to introduce DNA into intact cells or tissues can be utilized. For example, regeneration of cereals from immature embryos or explants can be effected as described (Vasil, *Biotechnology*, 6:397,(1988), the entirety of which is herein incorporated by reference). In addition, "particle gun" or high-velocity microprojectile technology can be utilized (Vasil *et al.*, *Bio/Technology* 10:667, (1992), the entirety of which is herein incorporated by reference).

Using the latter technology, DNA is carried through the cell wall and into the cytoplasm on the surface of small metal particles as described (Klein *et al.*, *Nature*, 328:70, (1987); Klein *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)*, 85:8502-8505, (1988); McCabe *et al.*, *Biotechnology*, 6:923, (1988), all of which the entirety is herein

incorporated by reference). The metal particles penetrate through several layers of cells and thus allow the transformation of cells within tissue explants.

Other methods of cell transformation can also be used and include but are not limited to introduction of DNA into plants by direct DNA transfer into pollen (Zhou *et al.*, *Methods in Enzymology*, 101:433, (1983); Hess *et al.*, *Intern Rev. Cytol.*, 107:367, (1987); Luo *et al.*, *Plant Mol. Biol. Reporter*, 6:165, (1988), all of which the entirety is herein incorporated by reference), by direct injection of DNA into reproductive organs of a plant (Pena *et al.*, *Nature*, 325:274, (1987), the entirety of which is herein incorporated by reference), or by direct injection of DNA into the cells of immature embryos followed by the rehydration of dessicated embryos (Neuhaus *et al.*, *Theor. Appl. Genet.*, 75:30, (1987), the entirety of which is herein incorporated by reference).

The regeneration, development, and cultivation of plants from single plant protoplast transformants or from various transformed explants is well known in the art (Weissbach and Weissbach, *In: Methods for Plant Molecular Biology*, (Eds.), Academic Press, Inc., San Diego, CA, (1988), the entirety of which is herein incorporated by reference). This regeneration and growth process typically includes the steps of selection of transformed cells, culturing those individualized cells through the usual stages of embryonic development through the rooted plantlet stage. Transgenic embryos and seeds are similarly regenerated. The resulting transgenic rooted shoots are thereafter planted in an appropriate plant growth medium such as soil.

The development or regeneration of plants containing the foreign, exogenous gene that encodes a protein of interest is well known in the art. Preferably, the regenerated plants are self-pollinated to provide homozygous transgenic plants, as discussed before. Otherwise, pollen obtained from the regenerated plants is crossed to seed-grown plants of agronomically important lines. Conversely, pollen from plants of these important lines is used to pollinate regenerated plants. A transgenic plant of the present invention

containing a desired polypeptide is cultivated using methods well known to one skilled in the art.

There are a variety of methods for the regeneration of plants from plant tissue. The particular method of regeneration will depend on the starting plant tissue and the particular plant species to be regenerated.

Methods for transforming dicots, primarily by use of *Agrobacterium tumefaciens*, and obtaining transgenic plants have been published for cotton (U.S. Patent No. 5,004,863, U.S. Patent No. 5,159,135, U.S. Patent No. 5,518,908, all of which the entirety is herein incorporated by reference); soybean (U.S. Patent No. 5,569,834, U.S. Patent No. 5,416,011, McCabe *et al.*, *Biotechnology* 6:923, (1988), Christou *et al.*, *Plant Physiol.*, 87:671-674 (1988), all of which the entirety is herein incorporated by reference); *Brassica* (U.S. Patent No. 5,463,174, the entirety of which is herein incorporated by reference); peanut (Cheng *et al.*, *Plant Cell Rep.* 15:653-657 (1996), McKently *et al.*, *Plant Cell Rep.* 14:699-703 (1995), all of which the entirety is herein incorporated by reference); papaya (Yang *et al.*, (1996), the entirety of which is herein incorporated by reference); pea (Grant *et al.*, *Plant Cell Rep.* 15:254-258, (1995), the entirety of which is herein incorporated by reference).

Transformation of monocotyledons using electroporation, particle bombardment, and *Agrobacterium* have also been reported. Transformation and plant regeneration have been achieved in asparagus (Bytebier *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 84:5345, (1987), the entirety of which is herein incorporated by reference); barley (Wan and Lemaux, *Plant Physiol* 104:37, (1994), the entirety of which is herein incorporated by reference); maize (Rhodes *et al.*, *Science* 240:204, (1988), Gordon-Kamm *et al.*, *Plant Cell*, 2:603, (1990), Fromm *et al.*, *Bio/Technology* 8:833, (1990), Koziel *et al.*, *Bio/Technology* 11:194, (1993), Armstrong *et al.*, *Crop Science* 35:550-557, (1995), all of which the entirety is herein incorporated by reference); oat (Somers *et al.*, *Bio/Technology*, 10:1589, (1992), the entirety of which is herein incorporated by

reference); orchardgrass (Horn *et al.*, *Plant Cell Rep.* 7:469, (1988), the entirety of which is herein incorporated by reference); rice (Toriyama *et al.*, *Theor Appl. Genet.* 205:34, (1986); Park *et al.*, *Plant Mol. Biol.*, 32:1135-1148, (1996); Abedinia *et al.*, *Aust. J. Plant Physiol.* 24:133-141, (1997); Zhang and Wu, *Theor. Appl. Genet.* 76:835, (1988); Zhang *et al.*, *Plant Cell Rep.* 7:379, (1988); Battraw and Hall, *Plant Sci.* 86:191-202, (1992); Christou *et al.*, *Bio/Technology* 9:957, (1991), all of which the entirety is herein incorporated by reference); sugarcane (Bower and Birch, *Plant J.* 2:409, (1992), the entirety of which is herein incorporated by reference); tall fescue (Wang *et al.*, *Bio/Technology* 10:691, (1992), the entirety of which is herein incorporated by reference), and wheat (Vasil *et al.*, *Bio/Technology* 10:667, (1992), the entirety of which is herein incorporated by reference); U.S. Patent No. 5,631,152, the entirety of which is herein incorporated by reference.

Assays for gene expression based on the transient expression of cloned nucleic acid constructs have been developed by introducing the nucleic acid molecules into plant cells by polyethylene glycol treatment, electroporation, or particle bombardment (Marcotte, *et al.*, *Nature*, 335:454-457 (1988), the entirety of which is herein incorporated by reference; Marcotte, *et al.*, *Plant Cell*, 1:523-532 (1989), the entirety of which is herein incorporated by reference; McCarty, *et al.*, *Cell* 66:895-905 (1991), the entirety of which is herein incorporated by reference; Hattori, *et al.*, *Genes Dev.* 6:609-618 (1992), the entirety of which is herein incorporated by reference; Goff, *et al.*, *EMBO J.* 9:2517-2522 (1990), the entirety of which is herein incorporated by reference). Transient expression systems may be used to functionally dissect gene constructs (*See generally*, Mailga *et al.*, *Methods in Plant Molecular Biology*, Cold Spring Harbor Press (1995)).

Any of the nucleic acid molecules of the present invention may be introduced into a plant cell in a permanent or transient manner in combination with other genetic elements such as vectors, promoters enhancers etc. Further any of the nucleic acid molecules of the present invention may be introduced into a plant cell in a manner that

allows for over expression of the protein or fragment thereof encoded by the nucleic acid molecule.

Nucleic acid molecules of the present invention may be used in cosuppression. Cosuppression is the reduction in expression levels, usually at the level of RNA, of a particular endogenous gene or gene family by the expression of a homologous sense construct that is capable of transcribing mRNA of the same strandedness as the transcript of the endogenous gene (Napoli *et al.*, *Plant Cell* 2:279-289 (1990), the entirety of which is herein incorporated by reference; van der Krol *et al.*, *Plant Cell* 2:291-299 (1990), the entirety of which is herein incorporated by reference). Cosuppression may result from stable transformation with a single copy nucleic acid molecule that is homologous to a nucleic acid sequence found with the cell (Prolls and Meyer, *Plant J.* 2:465-475 (1992), the entirety of which is herein incorporated by reference) or with multiple copies of a nucleic acid molecule that is homologous to a nucleic acid sequence found with the cell (Mittlesten *et al.*, *Mol. Gen. Genet.* 244: 325-330 (1994), the entirety of which is herein incorporated by reference). Genes, even though different, linked to homologous promoters may result in the cosuppression of the linked genes (Vaucheret, *C.R. Acad. Sci. III* 316: 1471-1483 (1993), the entirety of which is herein incorporated by reference).

This technique has, for example been applied to generate white flowers from red petunia and tomatoes that do not ripen on the vine. Up to 50% of petunia transformants that contained a sense copy of the chalcone synthase (CHS) gene produced white flowers or floral sectors; this was as a result of the post-transcriptional loss of mRNA encoding CHS (Flavell, *Proc. Natl. Acad. Sci. (U.S.A.)* 91:3490-3496 (1994)), the entirety of which is herein incorporated by reference). Cosuppression may require the coordinate transcription of the transgene and the endogenous gene, and can be reset by a developmental control mechanism (Jorgensen, *Trends Biotechnol.* 8:340-344 (1990), the entirety of which is herein incorporated by reference; Meins and Kunz, In: *Gene Inactivation and Homologous Recombination in Plants* (Paszkowski, J., ed.), pp. 335-

348. Kluwer Academic, Netherlands (1994), the entirety of which is herein incorporated by reference).

It is understood that one or more of the nucleic acids of the present invention comprising SEQ ID NO:1 or complement thereof through SEQ ID NO:36935 or
 5 complement thereof, may be introduced into a plant cell and transcribed using an appropriate promoter with such transcription resulting in the co-suppression of an endogenous protein.

Nucleic acid molecules of the present invention may be used to reduce gene function. Antisense approaches are a way of preventing or reducing gene function by
 10 targeting the genetic material (Mol *et al.*, *FEBS Lett.* 268:427-430 (1990), the entirety of which is herein incorporated by reference). The objective of the antisense approach is to use a sequence complementary to the target gene to block its expression and create a mutant cell line or organism in which the level of a single chosen protein is selectively reduced or abolished. Antisense techniques have several advantages over other 'reverse
 15 genetic' approaches. The site of inactivation and its developmental effect can be manipulated by the choice of promoter for antisense genes or by the timing of external application or microinjection. Antisense can manipulate its specificity by selecting either unique regions of the target gene or regions where it shares homology to other related genes (Hiatt *et al.*, *In Genetic Engineering*, Setlow (ed.), Vol. 11, New York: Plenum 49-
 20 63 (1989), the entirety of which is herein incorporated by reference).

The principle of regulation by antisense RNA is that RNA that is complementary to the target mRNA is introduced into cells, resulting in specific RNA:RNA duplexes being formed by base pairing between the antisense substrate and the target mRNA (Green *et al.*, *Annu. Rev. Biochem.* 55:569-597 (1986), the entirety of which is herein
 25 incorporated by reference). Under one embodiment, the process involves the introduction and expression of an antisense gene sequence. Such a sequence is one in which part or all of the normal gene sequences are placed under a promoter in inverted orientation so that

the 'wrong' or complementary strand is transcribed into a noncoding antisense RNA that hybridizes with the target mRNA and interferes with its expression (Takayama and Inouye, *Crit. Rev. Biochem. Mol. Biol.* 25:155-184 (1990), the entirety of which is herein incorporated by reference). An antisense vector is constructed by standard procedures and introduced into cells by transformation, transfection, electroporation, microinjection, or by infection, etc. The type of transformation and choice of vector will determine whether expression is transient or stable. The promoter used for the antisense gene may influence the level, timing, tissue, specificity, or inducibility of the antisense inhibition.

It is understood that protein synthesis activity in a plant cell may be reduced or depressed by growing a transformed plant cell containing a nucleic acid molecule of the present invention.

Antibodies have been expressed in plants (Hiatt *et al.*, *Nature* 342:76-78 (1989), the entirety of which is herein incorporated by reference; Conrad and Fielder, *Plant Mol. Biol.* 26:1023-1030 (1994), the entirety of which is herein incorporated by reference).

Cytoplasmic expression of a scFv (single-chain Fv antibodies) has been reported to delay infection by artichoke mottled crinkle virus. Transgenic plants that express antibodies directed against endogenous proteins may exhibit a physiological effect (Philips *et al.*, *EMBO J.* 16:4489-4496 (1997), the entirety of which is herein incorporated by reference; Marion-Poll, *Trends in Plant Science* 2:447-448 (1997), the entirety of which is herein incorporated by reference). For example, expressed anti-abscisic antibodies reportedly result in a general perturbation of seed development (Philips *et al.*, *EMBO J.* 16:4489-4496 (1997)).

Nucleic acid molecules of the present invention may be used as antibodies.

Antibodies that are catalytic may also be expressed in plants (abzymes). The principle behind abzymes is that since antibodies may be raised against many molecules, this recognition ability can be directed toward generating antibodies that bind transition states to force a chemical reaction forward (Persidas, *Nature Biotechnology* 15:1313-1315

(1997), the entirety of which is herein incorporated by reference; Baca *et al.*, *Ann. Rev. Biophys. Biomol. Struct.* 26:461-493 (1997), the entirety of which is herein incorporated by reference). The catalytic abilities of abzymes may be enhanced by site directed mutagenesis. Examples of abzymes are, for example, set forth in U.S. Patent No: 5,658,753; U.S. Patent No. 5,632,990; U.S. Patent No. 5,631,137; U.S. Patent 5,602,015; U.S. Patent No. 5,559,538; U.S. Patent No. 5,576,174; U.S. Patent No. 5,500,358; U.S. Patent 5,318,897; U.S. Patent No. 5,298,409; U.S. Patent No. 5,258,289 and U.S. Patent No. 5,194,585, all of which are herein incorporated in their entirety.

It is understood that any of the antibodies of the present invention may be expressed in plants and that such expression can result in a physiological effect. It is also understood that any of the expressed antibodies may be catalytic.

In addition to the above discussed procedures, practitioners are familiar with the standard resource materials which describe specific conditions and procedures for the construction, manipulation and isolation of macromolecules (e.g., DNA molecules, plasmids, etc.), generation of recombinant organisms and the screening and isolating of clones, (see for example, Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual*, Cold Spring Harbor Press (1989); Mailga *et al.*, *Methods in Plant Molecular Biology*, Cold Spring Harbor Press (1995), the entirety of which is herein incorporated by reference; Birren *et al.*, *Genome Analysis: Analyzing DNA*, 1, Cold Spring Harbor, New York, the entirety of which is herein incorporated by reference).

Computer media

One or more of the nucleotide sequence provided in SEQ ID NO: 1 through SEQ ID NO: 36935 or complements thereof or fragments of either can be "provided" in a variety of media to facilitate use. Such a medium can also provide a subset thereof in a form that allows a skilled artisan to examine the sequences. be recorded on computer readable media. As used herein, "computer readable media" refers to any medium that can be read and accessed directly by a computer. Such media include, but are not limited

to: magnetic storage media, such as floppy discs, hard disc, storage medium, and magnetic tape; optical storage media such as CD-ROM; electrical storage media such as RAM and ROM; and hybrids of these categories such as magnetic/optical storage media. A skilled artisan can readily appreciate how any of the presently known computer readable mediums can be used to create a manufacture comprising computer readable medium having recorded thereon a nucleotide sequence of the present invention.

As used herein, "recorded" refers to a process for storing information on computer readable medium. A skilled artisan can readily adopt any of the presently known methods for recording information on computer readable medium to generate media comprising the nucleotide sequence information of the present invention. A variety of data storage structures are available to a skilled artisan for creating a computer readable medium having recorded thereon a nucleotide sequence of the present invention. The choice of the data storage structure will generally be based on the means chosen to access the stored information. In addition, a variety of data processor programs and formats can be used to store the nucleotide sequence information of the present invention on computer readable medium. The sequence information can be represented in a word processing text file, formatted in commercially-available software such as WordPerfect and Microsoft Word, or represented in the form of an ASCII file, stored in a database application, such as DB2, Sybase, Oracle, or the like. A skilled artisan can readily adapt any number of data processor structuring formats (e.g., text file or database) in order to obtain computer readable medium having recorded thereon the nucleotide sequence information of the present invention.

By providing one or more of nucleotide sequences of the present invention, a skilled artisan can routinely access the sequence information for a variety of purposes. Computer software is publicly available which allows a skilled artisan to access sequence information provided in a computer readable medium. The examples which follow demonstrate how software which implements the BLAST (Altschul *et al.*, *J. Mol. Biol.*

215:403-410 (1990)) and BLAZE (Brutlag *et al.*, *Comp. Chem.* 17:203-207 (1993), the entirety of which is herein incorporated by reference) search algorithms on a Sybase system can be used to identify open reading frames (ORFs) within the genome that contain homology to ORFs or proteins from other organisms. Such ORFs are protein-
 5 encoding fragments within the sequences of the present invention and are useful in producing commercially important proteins such as enzymes used in amino acid biosynthesis, metabolism, transcription, translation, RNA processing, nucleic acid and a protein degradation, protein modification, and DNA replication, restriction, modification, recombination, and repair.

10 The present invention further provides systems, particularly computer-based systems, which contain the sequence information described herein. Such systems are designed to identify commercially important fragments of the nucleic acid molecule of the present invention. As used herein, "a computer-based system" refers to the hardware means, software means, and data storage means used to analyze the nucleotide sequence
 15 information of the present invention. The minimum hardware means of the computer-based systems of the present invention comprises a central processing unit (CPU), input means, output means, and data storage means. A skilled artisan can readily appreciate that any one of the currently available computer-based system are suitable for use in the present invention.

20 As indicated above, the computer-based systems of the present invention comprise a data storage means having stored therein a nucleotide sequence of the present invention and the necessary hardware means and software means for supporting and implementing a search means. As used herein, "data storage means" refers to memory that can store nucleotide sequence information of the present invention, or a memory access means
 25 which can access manufactures having recorded thereon the nucleotide sequence information of the present invention. As used herein, "search means" refers to one or more programs which are implemented on the computer-based system to compare a target

sequence or target structural motif with the sequence information stored within the data storage means. Search means are used to identify fragments or regions of the sequence of the present invention that match a particular target sequence or target motif. A variety of known algorithms are disclosed publicly and a variety of commercially available software for conducting search means are available and can be used in the computer-based systems of the present invention. Examples of such software include, but are not limited to, MacPattern (EMBL), BLASTIN and BLASTIX (NCBIA). One of the available algorithms or implementing software packages for conducting homology searches can be adapted for use in the present computer-based systems.

The most preferred sequence length of a target sequence is from about 10 to 100 amino acids or from about 30 to 300 nucleotide residues. However, it is well recognized that during searches for commercially important fragments of the nucleic acid molecules of the present invention, such as sequence fragments involved in gene expression and protein processing, may be of shorter length.

As used herein, "a target structural motif," or "target motif," refers to any rationally selected sequence or combination of sequences in which the sequence(s) are chosen based on a three-dimensional configuration which is formed upon the folding of the target motif. There are a variety of target motifs known in the art. Protein target motifs include, but are not limited to, enzymatic active sites and signal sequences.

Nucleic acid target motifs include, but are not limited to, promoter sequences, cis elements, hairpin structures and inducible expression elements (protein binding sequences).

Thus, the present invention further provides an input means for receiving a target sequence, a data storage means for storing the target sequences of the present invention sequence identified using a search means as described above, and an output means for outputting the identified homologous sequences. A variety of structural formats for the input and output means can be used to input and output information in the computer-

based systems of the present invention. A preferred format for an output means ranks fragments of the sequence of the present invention by varying degrees of homology to the target sequence or target motif. Such presentation provides a skilled artisan with a ranking of sequences which contain various amounts of the target sequence or target motif and identifies the degree of homology contained in the identified fragment.

A variety of comparing means can be used to compare a target sequence or target motif with the data storage means to identify sequence fragments sequence of the present invention. For example, implementing software which implement the BLAST and BLAZE algorithms (Altschul *et al.*, *J. Mol. Biol.* 215:403-410 (1990)) can be used to identify open frames within the nucleic acid molecules of the present invention. A skilled artisan can readily recognize that any one of the publicly available homology search programs can be used as the search means for the computer-based systems of the present invention.

Having now generally described the invention, the same will be more readily understood through reference to the following examples which are provided by way of illustration, and are not intended to be limiting of the present invention, unless specified.

Example 1

BACs are stable, non-chimeric cloning systems having genomic fragment inserts (100-300 kb) and their DNA can be prepared for most types of experiments including DNA sequencing. BAC vector, pBeloBAC11, is derived from the endogenous *E. coli* F-factor plasmid, which contains genes for strict copy number control and unidirectional origin of DNA replication. Additionally, pBeloBAC11 has three unique restriction enzyme sites (*Hind III*, *Bam HI* and *Sph I*) located within the *LacZ* gene which can be used as cloning sites for megabase-size plant DNA. Indigo, another BAC vector contains *Hind III* and *Eco RI* cloning sites. This vector also contains a random mutation in the *LacZ* gene that allows for darker blue colonies.

As an alternative, the P1-derived artificial chromosome (PAC) can be used as a large DNA fragment cloning vector (Ioannou, *et al.*, *Nature Genet.* 6:84-89 (1994), the entirety of which is herein incorporated by reference; Suzuki, *et al.*, *Gene* 199:133-137 (1997), the entirety of which is herein incorporated by reference). The PAC vector has most of the features of the BAC system, but also contains some of the elements of the bacteriophage P1 cloning system.

BAC libraries are generated by ligating size-selected restriction digested DNA with pBeloBAC11 followed by electroporation into *E. coli*. BAC library construction and characterization is extremely efficient when compared to YAC (yeast artificial chromosome) library construction and analysis, particularly because of the chimerism associated with YACs and difficulties associated with extracting YAC DNA.

There are two general methods for preparing megabase-size DNA from plants. The protoplast method yields megabase-size DNA of high quality with minimal breakage. The process involves preparing young leaves which are manually feathered with a razor-blade before being incubated for four to five hours with cell-wall-degrading enzymes. The second method developed by Zhange *et al.*, *Plant J.* 7:175-184 (1995) the entirety of which is herein incorporated by reference is a universal nuclei method that works well for several divergent plant taxa. Fresh or frozen tissue is homogenized with a blender or mortar and pestle. Nuclei are then isolated and embedded. DNA is prepared by the nucleic method often more concentrated and is reported to contain lower amounts of chloroplast DNA than the protoplast method.

Once protoplasts or nuclei are produced, they are embedded in an agarose matrix as plugs or microbeads. The agarose provides a support matrix to prevent shearing of the DNA while allowing enzymes and buffers to diffuse into the DNA. The DNA is purified and manipulated in the agarose and is stable for more than one year at 4°C.

Once high molecular weight DNA has been prepared, it is fragmented to the desired size range. In general, DNA fragmentation utilizes two general approaches, 1)

physical shearing and 2) partial digestion with a restriction enzyme that cuts relatively frequently within the genome. Since physical shearing is not dependent upon the frequency and distribution of particular restriction enzymes sites, this method should yield the most random distribution of DNA fragments. However, the ends of the sheared DNA fragments must be repaired and cloned directly or restriction enzyme sites added by the addition of synthetic linkers. Because of the subsequent steps required to clone DNA fragmented by shearing, most protocols fragment DNA by partial restriction enzyme digestion. The advantage of partial restriction enzyme digestion is that no further enzymatic modification of the ends of the restriction fragments are necessary. Four common techniques that can be used to achieve reproducible partial digestion of megabase-size DNA are 1) varying the concentration of the restriction enzyme, 2) varying the time of incubation with the restriction enzyme 3) varying the concentration of an enzyme cofactor (e.g., Mg^{2+}) and 4) varying the ratio of endonuclease to methylase.

There are three cloning sites in pBeloBAC11, but only *Hind III* and *Bam HI* produce 5' overhangs for easy vector dephosphorylation. These two restriction enzymes are primarily used to construct BAC libraries. The optimal partial digestion conditions for megabase-size DNA are determined by wide and narrow window digestions. To optimize the optimum amount of *Hind III*, 1, 2, 3, 10, and 5- units of enzyme are each added to 50 ml aliquots of microbeads and incubated at 37 °C for 20 minutes

After partial digestion of megabase-size DNA, the DNA is run on a pulsed-field gel, and DNA in a size range of 100-500 kb is excised from the gel. This DNA is ligated to the BAC vector or subjected to a second size selection on a pulsed field gel under different running conditions. Studies have previously reported that two rounds of size selection can eliminate small DNA fragments co-migrating with the selected range in the first pulse-field fractionation. Such a strategy results in an increase in insert sizes and a more uniform insert size distribution. A practical approach to performing size selections is to first test for the number of clones/microliter of ligation and insert size from the first

size selected material. If the numbers are good (500 to 2000 white colony/microliter of ligation) and the size range is also good (50 to 300 kb) then a second size selection is practical. When performing a second size selection one expects a 80 to 95% decrease in the number of recombinant clones per transformation.

5 Twenty to two hundred nanograms of the size-selected DNA is ligated to dephosphorylated BAC vector (molar ratio of 10 to 1 in BAC vector excess). Most BAC libraries use a molar ratio of 5 to 15 : 1 (size selected DNA:BAC vector).

Transformation is carried out by electroporation and the transformation efficiency for BACs is about 40 to 1,500 transformants from one microliter of ligation product or 20
10 to 1000 transformants/ng DNA.

Several tests can be carried out to determine the quality of a BAC library. Three basic tests to evaluate the quality include: the genome coverage of a BAC library-average insert size, average number of clones hybridizing with single copy probes and chloroplast DNA content.

15 The determination of the average insert size of the library is assessed in two ways. First, during library construction every ligation is tested to determine the average insert size by assaying 20-50 BAC clones per ligation. DNA is isolated from recombinant clones using a standard mini preparation protocol, digested with *Not I* to free the insert from the BAC vector and then sized using pulsed field gel electrophoresis (Maule,
20 *Molecular Biotechnology* 9:107-126 (1998), the entirety of which is herein incorporated by reference).

To determine the genome coverage of the library, it is screened with single copy RFLP markers distributed randomly across the genome by hybridization. Microtiter plates containing BAC clones are spotted onto Hybond membranes. Bacteria from 48 or
25 72 plates are spotted twice onto one membrane resulting in 18,000 to 27,648 unique clones on each membrane in either a 4X4 or 5X5 orientation. Since each clone is present

twice, false positives are easily eliminated and true positives are easily recognized and identified.

Finally, the chloroplast DNA content in the BAC library is estimated by hybridizing three chloroplast genes spaced evenly across the chloroplast genome to the library on high density hybridization filters.

There are strategies for isolating rare sequences within the genome. For example, higher plant genomes can range in size from 100 Mb/1C (*Arabidopsis*) to 15,966 Mb/C (*Triticum aestivum*), (Arumuganathan and Earle, *Plant Mol Bio Rep.*9:208-219 (1991), the entirety of which is herein incorporated by reference). The number of clones required to achieve a given probability that any DNA sequence will be represented in a genomic library is $N = (\ln(1-P))/(\ln(1-L/G))$ where N is the number of clones required, P is the probability desired to get the target sequence, L is the length of the average clone insert in base pairs and G is the haploid genome length in base pairs (Clarke *et al.*, *Cell* 9:91-100 (1976) the entirety of which is herein incorporated by reference).

The soybean BAC library of the present invention is constructed in the pBeloBAC11 or similar vector. Inserts are generated by partial *Eco RI* or other enzymatic digestion of DNA from the cultivar A3244. The library provides approximately twenty fold coverage of the soybean genome.

Example 2

Two basic methods can be used for DNA sequencing, the chain termination method of Sanger *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 74:5463-5467 (1977), the entirety of which is herein incorporated by reference and the chemical degradation method of Maxam and Gilbert, *Proc. Natl. Acad. Sci.(U.S.A.)* 74:560-564 (1977), the entirety of which is herein incorporated by reference. Automation and advances in technology such as the replacement of radioisotopes with fluorescence-based sequencing have reduced the effort required to sequence DNA (Craxton, *Methods*, 2:20-26 (1991), the entirety of

which is herein incorporated by reference; Ju *et al.*, *Proc. Natl. Acad. Sci.(U.S.A.)* 92:4347-4351 (1995), the entirety of which is herein incorporated by reference; Tabor and Richardson, *Proc. Natl. Acad. Sci.(U.S.A.)* 92:6339-6343 (1995), the entirety of which is herein incorporated by reference). Automated sequencers are available from, for example, Pharmacia Biotech, Inc., Piscataway, New Jersey (Pharmacia ALF), LI-COR, Inc., Lincoln, Nebraska (LI-COR 4,000) and Millipore, Bedford, Massachusetts (Millipore BaseStation).

In addition, advances in capillary gel electrophoresis have also reduced the effort required to sequence DNA and such advances provide a rapid high resolution approach for sequencing DNA samples (Swerdlow and Gesteland, *Nucleic Acids Res.* 18:1415-1419 (1990); Smith, *Nature* 349:812-813 (1991); Luckey *et al.*, *Methods Enzymol.* 218:154-172 (1993); Lu *et al.*, *J. Chromatog. A.* 680:497-501 (1994); Carson *et al.*, *Anal. Chem.* 65:3219-3226 (1993); Huang *et al.*, *Anal. Chem.* 64:2149-2154 (1992); Kheterpal *et al.*, *Electrophoresis* 17:1852-1859 (1996); Quesada and Zhang, *Electrophoresis* 17:1841-1851 (1996); Baba, *Yakugaku Zasshi* 117:265-281 (1997), all of which are herein incorporated by reference in their entirety).

A number of sequencing techniques are known in the art, including fluorescence-based sequencing methodologies. These methods have the detection, automation and instrumentation capability necessary for the analysis of large volumes of sequence data.

Currently, the 377 DNA Sequencer (Perkin-Elmer Corp., Applied Biosystems Div., Foster City, CA) allows the most rapid electrophoresis and data collection. With these types of automated systems, fluorescent dye-labeled sequence reaction products are detected and data entered directly into the computer, producing a chromatogram that is subsequently viewed, stored, and analyzed using the corresponding software programs. These methods are known to those of skill in the art and have been described and reviewed (Birren *et al.*, *Genome Analysis: Analyzing DNA*, 1, Cold Spring Harbor, New York, the entirety of which is herein incorporated by reference).

Example 3

To identify sequences containing microsatellites or simple sequence repeats (SSR), a SSR repeat pattern library is generated by using a Perl program, SSR_generator.pl, developed at Monsanto. The library contains repeat patterns of di-, tri-, tetra-, penta- and hexa- nucleotide repeats, a total of 5421 patterns. The length of di-, tri-, tetra-, penta- and hexa- nucleotide repeat units were 18, 12, 9, 5 and 4, respectively. These repeat patterns are used to search against the BAC-end sequence databases by the BLASTN program. If the search is performed on both strands, complementary and replicated patterns of an SSR library are removed from the library to avoid redundancy of SSRs. For di-nucleotide repeats, there are four unique patterns, i.e. (CA)_n, (CT)_n, (CG)_n and (AT)_n. Product scores are used as a criteria to extract potential SSRs from BAC-ends. If a product score is equal or greater than 90, the sequences are further examined.

The SSR-containing sequences identified from BAC ends are searched against each other as well as the existing SSR collections by using BLASTN, and clustering of the sequences is performed by using CLUSTER2, a tool developed at Monsanto. The minimal match-length is set to 100 base pairs. Any redundant sequences are removed and the unique ones are then passed through a visible inspection to further remove those with not enough flanking sequences for primer design and those with substantial ambiguous nucleotides.

Primers are designed from good quality unique sequences. A public available primer design software program, PRIMER 3, (Cambridge, MA) is used. PRIMER 3 can be accessed though the internet at (<http://www.genome.wi.mit.edu/cgi-bin/primer/primer3.cgi>). Default parameters are used except those for product size and primer size are changed. Product Size is Min: 80, Opt: 100, Max: 120 , while Primer Size is Min: 18, Opt: 22 and Max: 27. Oligos are synthesized by Genosis Biotechnologies, Inc (Houston, Texas).

The above protocols are used to develop primers from Sequence id
GM_M02_A2_B07_MR_MR containing the following nucleotide composition:

AGGCGTTTTNCCTTGATACCTTCGNAGGTCCANCCTTTTNCTTGCTGTATCGA
CTCATTAACACCAAGCTCGGTGAGCACTCTGAAGATTATGACAACTTTCGNTG
5 ATCTTTTTGTCATCGATATTNTAGNAGAGACCAATCTTTCTTCTTCAAATGTCG
CTCATGATATTTATTGTAATTATCTTCAATGTATGTCCAAAAAGTTAACCTTTT
TTGGACCCCCACAATAGAAATCTTTGAAATATTTAGCCATGTGTTGGCAAGCC
ATTCATATTTCTTTGCGGAGAAACATGATCTATTGTGTCTTTTCGGATGCTTCTT
CTATGTtcttcttcttcttcttcttcttcttcttcttCATTGACCACAATATTATCCAACTCAACTTA
10 GGTGCAAAATGGTGGAATTTGAGACTTTGACGCANAGTCAGATGGTGCGTCA
TGCTCTTTTATTACATTGGACATCATNTACTACCCTTTGAAGACCCTCGATCC
ATGGAAGGGTTAATTGGTG

This sequence contains CTT dinucleotide repeats with a repeat unit of 11. Using
the Primer 3 program, two primers are selected: SER157F

15 GTGTCTTTTCGGATGCTTCTTCT and SER157R CACCATTTTGCACCTAAGTTGA.

When these two primers are used to amplify genomic DNAs from eight different
varieties, Minsoy, Noir, PIC, HS-1, A3244, H6686, A0868 and H5088, three alleles are
detected. Sizes of these alleles ranged from 80 to 110 bp The size variation in the PCR
products result from repeat numbers in different varieties.

20 PCR reaction conditions

Genomic DNA is isolated from young leaves of *Glycine max* or *Glycine soja*
plants. Two leaf discs are collected (approximately 40 mg) from a healthy leaf and stored
on wet ice or at 4°C. Tissue samples are then freeze-dried and stored at -20°C or -80°C.
The frozen samples are kept as dry as possible and sealed from contact with the
25 atmosphere. The freeze-dried samples from -20°C or -80°C, are allowed to warm up to
room temperature prior to unsealing or opening. One leaflet (or 2 leaf discs) is inserted
into an 1.5ml Eppendorf tube, placed on dry ice, and crushed with a wooden dowel.

Approximately 200 µl of microprep buffer (25 ml extraction buffer (350 mM sorbitol, 100 mM Tris-base, 5 mM EDTA- Na_2), 25 ml nuclei lysis buffer (1M Tris/HCl, 0.5 M EDTA, 5 M NaCl, 2% CTAB), 10ml 5% sarkosyl, 0.1g Na bisulfite) is added to each sample. The sample is then homogenized. An additional 550 µl of microprep buffer is added, vortexed for about 30-60 seconds, and incubated at 65°C for about 60 minutes. About 700 µl chloroform/isoamyl (24:1) is added, mixed well for about 10-30 seconds. Centrifugation of the tubes is performed at approximately 10,000 rpm for 5 minutes in a microcentrifuge. The aqueous phase is transferred into a new tube and RNA is removed from the extract by the addition of 30 µl of RNase (10mg/ml) to the aqueous phase and incubated for 1 hour at room temperature. Approximately 500µl ice-cold isopropanol is added to the aqueous extract, and the tubes inverted until the DNA precipitated. The precipitated solution is kept at 4°C for about 1 hour or overnight. Centrifugation of the tubes is performed at approximately 10,000 rpm for 5 minutes in a microcentrifuge. The supernatant is discarded and the pellet washed 1-3 times with 200µl 70% ethanol. The ethanol is removed using a micropipette and pellet dried at 37°C for 10 minutes. The DNA is dissolved in 50 µl TE (10 mM Tris-HCl pH8.0, 0.1 mM EDTA), then kept overnight at 4°C. Centrifugation of the tubes is performed at approximately 10,000 rpm for 5 minutes and then the supernatant is transferred into new tubes. Using this method, approximately 2µg of DNA per mg of fresh leaf tissue is extracted.

DNA concentration is measured by a Spectrometry (Molecular Devices, Sunnyvale, California) and adjusted to proper concentration for use as template. The total volume for PCR reaction is 20 ul. The reaction mixture contains: Template DNA at a concentration of 15 ng, 0.15uM of primer, .03 unit of *Taq* DNA polymerase (Perkin Elmer) , 50uM of dNTP, the Reaction buffer contains, 10 mM Tris.HCl pH8.5, 1.5 mM MgCl_2 , 50 mM KCl and water is added to a total volume of 20 ul.

The PCR is performed on a Perkin Elmer DNA Thermal Cycler 9700 using the following cycle profile: hold at 94 °C for 3 min, 32 cycles of 94°C for 25 second, 47 °C for 25 second and 72 °C for 25 second, and 72 °C for 3min of final extension.

An acrylamide gel is prepared using 56.5 ml water, 3.5 ml 10x TAE buffer, 10.5 ml 40 acrylamide stock solution, 50 µl TEMED, 0.06 g ammonium persulfate. To each PCR, sample 20 µl of formamide loading dye is added to each sample and the samples are denatured at 90°C for 3 minutes with a 4°C hold in a thermocycler. 1.5 µl of each sample is loaded onto the gel. Gels are run at constant wattage to give a constant heat development during electrophoresis at 40 to 50 Volt/cm of the gel length. Gels should be run at approximately 50°C during electrophoresis. Electrophoresis is stopped when the Bromophenol blue dye is at the bottom of the gel. After electrophoresis, the gel is stained in 1 x SYBR solution for 15 to 20 minutes with vigorous shaking. A Gel image is recorded using an Alpha-InnoTech imager.

Example 4

In order to create a file containing complex repeats, the GCG (Madison, WI) REPEAT program is used to determine initial internal repeats. Stringency is defined as 19 matched bases out of every contiguous 20 bases in the repeated diagonals part of the REPEAT program algorithm. After the REPEAT program is run on the STCs, a REPEAT output file is processed with the UNIX utilities grep, sort, uniq and sed to produce a GCG pattern file. The GCG pattern file is broken into size groups: <20, 20-39, 40-59, 60-79, 80-89, 100-119, 120-139, 140-159, 160-179, 180-199, 200-219, and >220. Each pattern group is compared against the entire STC library or subset thereof using the GCG FINDPATTERNS program. Sequences of size 1-19 are allowed no mismatches. The 20-39 group are allowed one mismatch. A pattern of size n is allowed floor (n/20) mismatches. Patterns that occurred in at least 100 STCs are selected in this step. The results of the FINDPATTERNS program is post-processed with the UNIX utilities grep, sort and uniq and with the GCG REFORMAT program to produce GCG

sequence files. Each sequence file is derived from a selected pattern and placed in a subdirectory that corresponds to its size group. GELSTART, GELENTER, GELMERGE and GELASSEMBLE are used to coalesce similar sequences of each size group. Patterns are 90% similar before they are aligned and the patterns overlap by at least two thirds of the modal length in their length group. The GELSTART program creates a subdirectory which contains the individual and the coalesced consensus sequences. The consensus sequences are placed into a single directory and a FASTA style sequence library is constructed from it. The REPEAT-MASKER program is used to mask the original STCs. The unmasked sequences that remain afterward are concatenated into 100 KB pseudo-sequences. The pseudo-sequences are fed back into this algorithm and the new repeat patterns that result are added to the repeat library. The algorithm is iterated 3 times.

The repeat library is compared to the STCs using NCBI BLASTN version 2.0. HSPs are reported if they satisfied the criteria of:

"observed fractional match" >= "allowed fractional match"

where "observed fractional match" is defined as:

"fraction of HSP similarity" x "fraction of query sequence in HSP"

and "allowed fractional match" is defined as:

("repeat length" - "floor (repeat length/20)"/"repeat length"

Alternatively, the repeat library is compared to the STCs by an algorithm that is written in the C programming language and is compiled with optimization. Using a repeat library patterns file containing 3,302 complex repeat sequences from *Glycine max*, 306,271 *Glycine max* STC sequences are searched. 1,599,791 repeat coordinates are identified in these sequences.

STC and repeat library DNA sequences are represented by the characters A, C, G, and T. Ambiguous sequence characters allow for combinations of these characters, as defined by the IUPAC-IUB (the Wisconsin Package version 10.0 , Genetics Computer Group, Madison, WI). For example, A or T is represented by W, G or C by S, and A or C

or G or T by N. DNA sequence characters are represented as 4 binary digits (bits), where 0001 represents A, 0010 represents C, 0100 represents G, and 1000 represents T. Using standard Boolean logic, A or T (W) is equivalent to applying the logical OR operator to 0001 and 1000, the result being 1001. The table below shows all standard symbols and

5 their computer representation for this method.

IUPAC-IUB Symbol	Meaning	Computer Representation
A	A	0001
C	C	0010
G	G	0100
T	T	1000
K	G or T (Keto)	1100
M	A or C (aMino)	0011
R	A or G (puRine)	0101
S	G or C (Strong pairing)	0110
W	A or T (Weak pairing)	1001
Y	C or T (pYrimidine)	1010
B	C or G or T (not A)	1110
D	A or G or T (not C)	1101
H	A or C or T (not G)	1011
V	A or C or G (not T or U)	0111
N	A or C or G or T	1111

When matching sequence patterns, a match occurs only when a symbol in the sequence being searched is a subset of the symbol appearing in the pattern. For example, an A in the pattern will match only an A in the sequence, whereas an R in the pattern will match

10 any of A, G, or R (but no other symbols). The AND operator is applied to the computer representation of the pattern symbol and the sequence symbol, and a match occurs if the

result is identical to the sequence symbol. For example, A matches A because 0001 (pattern) AND 0001 (sequence) equals 0001 (result), and the result equals the sequence. An R in the pattern matches an A in the sequence because 0101 (pattern) AND 0001 (sequence) equals 0001 (result), and the result equals the sequence. An S in the pattern does not match an A in the sequence: 0110 (pattern) AND 0001 (sequence) equals 0000 (result), the result not matching the sequence. Using this algorithm, pattern matching becomes a byte by byte comparison using the AND operator.

The algorithm allows the user to define the number of mismatches as a fraction of the number of characters in the pattern. For example, a 5% mismatch frequency allows for one mismatch every 20 pattern characters. This works out to 0 mismatches for a pattern of 1-19 characters, 1 mismatch for a pattern of 20-39 characters, 2 mismatches for a pattern of 40-59 characters, and so on.

The searching algorithm aligns the pattern sequence with the DNA sequence at every possible position on both DNA strands and counts the number of mismatches in the alignment. If the number of mismatches is less than or equal to the number permitted, then a match is recorded.

The patterns and the DNA sequence are stored in Fasta-format DNA sequence files. The length of the patterns and the DNA sequences are limited only by available computer memory. The computer program first loads the patterns into memory. Each DNA sequence is then loaded sequentially from the Fasta file and searched sequentially with each pattern, allowing for the mismatch frequency designated by the user. The reverse complement of the DNA sequence is generated and again searched with the patterns. The coordinates of the pattern matches for each sequence and the name of the pattern that matched are saved in memory. Once a sequence has been searched with all patterns, the coordinates of the patterns are sorted into order, and the name of the DNA sequence, the name of the pattern, and the coordinates of the match are written to an output file.

We claim:

1. A substantially purified nucleic acid molecule, said nucleic acid molecule capable of specifically hybridizing to a second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 36935 or complement or fragment thereof.

2. The substantially purified nucleic acid molecule according to claim 1, wherein said nucleic acid molecule comprises a microsatellite sequence.

3. The substantially purified nucleic acid molecule according to claim 1, wherein said nucleic acid molecule comprises a region having a single nucleotide polymorphism.

4. The substantially purified nucleic acid molecule according to claim 1, wherein said nucleic acid molecule comprises a nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 36935 or complement thereof.

5. The substantially purified nucleic acid molecule according to claim 4, wherein said nucleic acid molecule further comprises a bacterial ORI site.

6. The substantially purified nucleic acid molecule according to claim 1, wherein said nucleic acid molecule has a promoter or partial promoter region.

7. The substantially purified nucleic acid molecule according to claim 6, wherein said promoter region comprises a CAAT cis element and a TATA cis element and an additional cis element.

8. A substantially purified nucleic acid molecule comprising a nucleic acid molecule or fragment thereof having a pair of defined ends, wherein said pair of defined ends are selected from the defined ends in Table A.

9. The substantially purified nucleic acid molecule according to claim 8, wherein said molecule comprises a nucleic acid molecule having one or two of said defined ends.

10. The substantially purified nucleic acid molecule according to claim 9, wherein said molecule comprises a nucleic acid molecule having two of said defined ends.

11. A substantially purified protein or fragment thereof encoded by a first
5 nucleic acid molecule which specifically hybridizes to a second nucleic acid molecule, said second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO:1 through SEQ ID NO:36935 or complements thereof.

12. A transformed plant having a nucleic acid molecule which comprises:

(A) an exogenous promoter region which functions in a plant cell to
10 cause the production of a mRNA molecule; which is linked to

(B) a structural nucleic acid molecule, wherein said structural nucleic acid molecule is selected from the group consisting of SEQ ID NO:1 through SEQ ID NO:36935 or complements thereof or fragment of either; which is linked to

(C) a 3' non-translated sequence that functions in a plant cell to cause
15 termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of said mRNA molecule.

13. The transformed plant according to claim 12, wherein said structural nucleic acid molecule is in the antisense orientation.

14. The transformed plant according to claim 12, wherein said plant is a dicot.

20 15. The transformed plant according to claim 12, wherein said plant is a monocot.

Abstract

The present invention is in the field of plant genetics. More specifically the invention relates to nucleic acid molecules and nucleic acid molecules that contain markers, in particular, single nucleotide polymorphism (SNP) and repetitive element
5 markers. In addition, the present invention provides nucleic acid molecules having regulatory elements or encoding proteins or fragments thereof. The invention also relates to proteins and fragments of proteins so encoded and antibodies capable of binding the proteins. The invention also relates to methods of using the nucleic acid molecules, markers, repetitive elements and fragments of repetitive elements, regulatory elements,
10 proteins and fragments of proteins.

Table A

	SEQ. NUM.	CLONE	SEQ. ID FORWARD	SEQ. ID BACKWARD
	1	GM_49_B2_A01	GM_49_B2_A01_T7	
	2	GM_49_B2_A01		GM_49_B2_A01_MR
5	3	GM_49_B2_A02	GM_49_B2_A02_T7	
	4	GM_49_B2_A02		GM_49_B2_A02_MR
	5	GM_49_B2_A03	GM_49_B2_A03_T7	
	6	GM_49_B2_A03		GM_49_B2_A03_MR
	7	GM_49_B2_A04	GM_49_B2_A04_T7	
10	8	GM_49_B2_A04		GM_49_B2_A04_MR
	9	GM_49_B2_A05	GM_49_B2_A05_T7	
	10	GM_49_B2_A05		GM_49_B2_A05_MR
	11	GM_49_B2_A06	GM_49_B2_A06_T7	
	12	GM_49_B2_A06		GM_49_B2_A06_MR
15	13	GM_49_B2_A07	GM_49_B2_A07_T7	
	14	GM_49_B2_A07		GM_49_B2_A07_MR
	15	GM_49_B2_A08	GM_49_B2_A08_T7	
	16	GM_49_B2_A08		GM_49_B2_A08_MR
	17	GM_49_B2_A09	GM_49_B2_A09_T7	
20	18	GM_49_B2_A09		GM_49_B2_A09_MR
	19	GM_49_B2_A10	GM_49_B2_A10_T7	
	20	GM_49_B2_A10		GM_49_B2_A10_MR
	21	GM_49_B2_A11	GM_49_B2_A11_T7	
	22	GM_49_B2_A11		GM_49_B2_A11_MR
25	23	GM_49_B2_A12	GM_49_B2_A12_T7	
	24	GM_49_B2_A12		GM_49_B2_A12_MR
	25	GM_49_B2_B01	GM_49_B2_B01_T7	
	26	GM_49_B2_B01		GM_49_B2_B01_MR
	27	GM_49_B2_B02	GM_49_B2_B02_T7	
30	28	GM_49_B2_B02		GM_49_B2_B02_MR
	29	GM_49_B2_B03	GM_49_B2_B03_T7	
	30	GM_49_B2_B03		GM_49_B2_B03_MR
	31	GM_49_B2_B04	GM_49_B2_B04_T7	
	32	GM_49_B2_B04		GM_49_B2_B04_MR
35	33	GM_49_B2_B05	GM_49_B2_B05_T7	
	34	GM_49_B2_B05		GM_49_B2_B05_MR
	35	GM_49_B2_B06	GM_49_B2_B06_T7	
	36	GM_49_B2_B06		GM_49_B2_B06_MR
	37	GM_49_B2_B07	GM_49_B2_B07_T7	
40	38	GM_49_B2_B07		GM_49_B2_B07_MR
	39	GM_49_B2_B08	GM_49_B2_B08_T7	
	40	GM_49_B2_B08		GM_49_B2_B08_MR
	41	GM_49_B2_B09	GM_49_B2_B09_T7	
	42	GM_49_B2_B09		GM_49_B2_B09_MR
45	43	GM_49_B2_B10	GM_49_B2_B10_T7	
	44	GM_49_B2_B10		GM_49_B2_B10_MR
	45	GM_49_B2_B11	GM_49_B2_B11_T7	
	46	GM_49_B2_B11		GM_49_B2_B11_MR
	47	GM_49_B2_B12	GM_49_B2_B12_T7	
50	48	GM_49_B2_B12		GM_49_B2_B12_MR
	49	GM_49_B2_C01	GM_49_B2_C01_T7	
	50	GM_49_B2_C01		GM_49_B2_C01_MR
	51	GM_49_B2_C02	GM_49_B2_C02_T7	
	52	GM_49_B2_C02		GM_49_B2_C02_MR

	53	GM_49_B2_C03	GM_49_B2_C03_T7	
	54	GM_49_B2_C03		GM_49_B2_C03_MR
	55	GM_49_B2_C04	GM_49_B2_C04_T7	
	56	GM_49_B2_C04		GM_49_B2_C04_MR
5	57	GM_49_B2_C05	GM_49_B2_C05_T7	
	58	GM_49_B2_C05		GM_49_B2_C05_MR
	59	GM_49_B2_C06	GM_49_B2_C06_T7	
	60	GM_49_B2_C06		GM_49_B2_C06_MR
	61	GM_49_B2_C07	GM_49_B2_C07_T7	
10	62	GM_49_B2_C07		GM_49_B2_C07_MR
	63	GM_49_B2_C08	GM_49_B2_C08_T7	
	64	GM_49_B2_C08		GM_49_B2_C08_MR
	65	GM_49_B2_C09	GM_49_B2_C09_T7	
	66	GM_49_B2_C09		GM_49_B2_C09_MR
15	67	GM_49_B2_C10	GM_49_B2_C10_T7	
	68	GM_49_B2_C10		GM_49_B2_C10_MR
	69	GM_49_B2_C11	GM_49_B2_C11_T7	
	70	GM_49_B2_C11		GM_49_B2_C11_MR
	71	GM_49_B2_C12	GM_49_B2_C12_T7	
20	72	GM_49_B2_C12		GM_49_B2_C12_MR
	73	GM_49_B2_D01	GM_49_B2_D01_T7	
	74	GM_49_B2_D01		GM_49_B2_D01_MR
	75	GM_49_B2_D02	GM_49_B2_D02_T7	
	76	GM_49_B2_D02		GM_49_B2_D02_MR
25	77	GM_49_B2_D03	GM_49_B2_D03_T7	
	78	GM_49_B2_D03		GM_49_B2_D03_MR
	79	GM_49_B2_D04	GM_49_B2_D04_T7	
	80	GM_49_B2_D04		GM_49_B2_D04_MR
	81	GM_49_B2_D05	GM_49_B2_D05_T7	
30	82	GM_49_B2_D05		GM_49_B2_D05_MR
	83	GM_49_B2_D06	GM_49_B2_D06_T7	
	84	GM_49_B2_D06		GM_49_B2_D06_MR
	85	GM_49_B2_D07	GM_49_B2_D07_T7	
	86	GM_49_B2_D07		GM_49_B2_D07_MR
35	87	GM_49_B2_D08	GM_49_B2_D08_T7	
	88	GM_49_B2_D08		GM_49_B2_D08_MR
	89	GM_49_B2_D09	GM_49_B2_D09_T7	
	90	GM_49_B2_D09		GM_49_B2_D09_MR
	91	GM_49_B2_D10	GM_49_B2_D10_T7	
40	92	GM_49_B2_D10		GM_49_B2_D10_MR
	93	GM_49_B2_D11	GM_49_B2_D11_T7	
	94	GM_49_B2_D11		GM_49_B2_D11_MR
	95	GM_49_B2_D12	GM_49_B2_D12_T7	
	96	GM_49_B2_D12		GM_49_B2_D12_MR
45	97	GM_49_B2_E01	GM_49_B2_E01_T7	
	98	GM_49_B2_E01		GM_49_B2_E01_MR
	99	GM_49_B2_E02	GM_49_B2_E02_T7	
	100	GM_49_B2_E02		GM_49_B2_E02_MR
	101	GM_49_B2_E03	GM_49_B2_E03_T7	
50	102	GM_49_B2_E03		GM_49_B2_E03_MR
	103	GM_49_B2_E04	GM_49_B2_E04_T7	
	104	GM_49_B2_E04		GM_49_B2_E04_MR
	105	GM_49_B2_E05	GM_49_B2_E05_T7	
	106	GM_49_B2_E05		GM_49_B2_E05_MR
55	107	GM_49_B2_E06	GM_49_B2_E06_T7	

	108	GM_49_B2_E06		GM_49_B2_E06_MR
	109	GM_49_B2_E07	GM_49_B2_E07_T7	
	110	GM_49_B2_E07		GM_49_B2_E07_MR
	111	GM_49_B2_E08	GM_49_B2_E08_T7	
5	112	GM_49_B2_E08		GM_49_B2_E08_MR
	113	GM_49_B2_E09	GM_49_B2_E09_T7	
	114	GM_49_B2_E09		GM_49_B2_E09_MR
	115	GM_49_B2_E10	GM_49_B2_E10_T7	
	116	GM_49_B2_E10		GM_49_B2_E10_MR
10	117	GM_49_B2_E11	GM_49_B2_E11_T7	
	118	GM_49_B2_E11		GM_49_B2_E11_MR
	119	GM_49_B2_E12	GM_49_B2_E12_T7	
	120	GM_49_B2_F01	GM_49_B2_F01_T7	
	121	GM_49_B2_F01		GM_49_B2_F01_MR
15	122	GM_49_B2_F02	GM_49_B2_F02_T7	
	123	GM_49_B2_F02		GM_49_B2_F02_MR
	124	GM_49_B2_F03	GM_49_B2_F03_T7	
	125	GM_49_B2_F03		GM_49_B2_F03_MR
	126	GM_49_B2_F04	GM_49_B2_F04_T7	
20	127	GM_49_B2_F05	GM_49_B2_F05_T7	
	128	GM_49_B2_F05		GM_49_B2_F05_MR
	129	GM_49_B2_F06	GM_49_B2_F06_T7	
	130	GM_49_B2_F06		GM_49_B2_F06_MR
	131	GM_49_B2_F07	GM_49_B2_F07_T7	
25	132	GM_49_B2_F07		GM_49_B2_F07_MR
	133	GM_49_B2_F08	GM_49_B2_F08_T7	
	134	GM_49_B2_F08		GM_49_B2_F08_MR
	135	GM_49_B2_F09	GM_49_B2_F09_T7	
	136	GM_49_B2_F09		GM_49_B2_F09_MR
30	137	GM_49_B2_F10	GM_49_B2_F10_T7	
	138	GM_49_B2_F10		GM_49_B2_F10_MR
	139	GM_49_B2_F11	GM_49_B2_F11_T7	
	140	GM_49_B2_F11		GM_49_B2_F11_MR
	141	GM_49_B2_F12	GM_49_B2_F12_T7	
35	142	GM_49_B2_F12		GM_49_B2_F12_MR
	143	GM_49_B2_G01		GM_49_B2_G01_MR
	144	GM_49_B2_G02	GM_49_B2_G02_T7	
	145	GM_49_B2_G02		GM_49_B2_G02_MR
	146	GM_49_B2_G03	GM_49_B2_G03_T7	
40	147	GM_49_B2_G03		GM_49_B2_G03_MR
	148	GM_49_B2_G04	GM_49_B2_G04_T7	
	149	GM_49_B2_G04		GM_49_B2_G04_MR
	150	GM_49_B2_G05	GM_49_B2_G05_T7	
	151	GM_49_B2_G05		GM_49_B2_G05_MR
45	152	GM_49_B2_G06	GM_49_B2_G06_T7	
	153	GM_49_B2_G06		GM_49_B2_G06_MR
	154	GM_49_B2_G07	GM_49_B2_G07_T7	
	155	GM_49_B2_G07		GM_49_B2_G07_MR
	156	GM_49_B2_G08	GM_49_B2_G08_T7	
50	157	GM_49_B2_G08		GM_49_B2_G08_MR
	158	GM_49_B2_G09	GM_49_B2_G09_T7	
	159	GM_49_B2_G09		GM_49_B2_G09_MR
	160	GM_49_B2_G10	GM_49_B2_G10_T7	
	161	GM_49_B2_G10		GM_49_B2_G10_MR
55	162	GM_49_B2_G11	GM_49_B2_G11_T7	

	163	GM_49_B2_G11		GM_49_B2_G11_MR
	164	GM_49_B2_G12	GM_49_B2_G12_T7	
	165	GM_49_B2_G12		GM_49_B2_G12_MR
	166	GM_49_B2_H01		GM_49_B2_H01_MR
5	167	GM_49_B2_H02	GM_49_B2_H02_T7	
	168	GM_49_B2_H02		GM_49_B2_H02_MR
	169	GM_49_B2_H03	GM_49_B2_H03_T7	
	170	GM_49_B2_H03		GM_49_B2_H03_MR
	171	GM_49_B2_H04	GM_49_B2_H04_T7	
10	172	GM_49_B2_H04		GM_49_B2_H04_MR
	173	GM_49_B2_H05	GM_49_B2_H05_T7	
	174	GM_49_B2_H05		GM_49_B2_H05_MR
	175	GM_49_B2_H06	GM_49_B2_H06_T7	
	176	GM_49_B2_H06		GM_49_B2_H06_MR
15	177	GM_49_B2_H07	GM_49_B2_H07_T7	
	178	GM_49_B2_H07		GM_49_B2_H07_MR
	179	GM_49_B2_H08	GM_49_B2_H08_T7	
	180	GM_49_B2_H08		GM_49_B2_H08_MR
	181	GM_49_B2_H09	GM_49_B2_H09_T7	
20	182	GM_49_B2_H09		GM_49_B2_H09_MR
	183	GM_49_B2_H10	GM_49_B2_H10_T7	
	184	GM_49_B2_H10		GM_49_B2_H10_MR
	185	GM_49_B2_H11	GM_49_B2_H11_T7	
	186	GM_49_B2_H11		GM_49_B2_H11_MR
25	187	GM_49_B2_H12	GM_49_B2_H12_T7	
	188	GM_49_B2_H12		GM_49_B2_H12_MR
	189	GM_51_A1_A01	GM_51_A1_A01_T7	
	190	GM_51_A1_A02	GM_51_A1_A02_T7	
	191	GM_51_A1_A03	GM_51_A1_A03_T7	
30	192	GM_51_A1_A04	GM_51_A1_A04_T7	
	193	GM_51_A1_A05	GM_51_A1_A05_T7	
	194	GM_51_A1_A06	GM_51_A1_A06_T7	
	195	GM_51_A1_A07	GM_51_A1_A07_T7	
	196	GM_51_A1_A08	GM_51_A1_A08_T7	
35	197	GM_51_A1_A09	GM_51_A1_A09_T7	
	198	GM_51_A1_A10	GM_51_A1_A10_T7	
	199	GM_51_A1_A11	GM_51_A1_A11_T7	
	200	GM_51_A1_A12	GM_51_A1_A12_T7	
	201	GM_51_A1_B01	GM_51_A1_B01_T7	
40	202	GM_51_A1_B02	GM_51_A1_B02_T7	
	203	GM_51_A1_B03	GM_51_A1_B03_T7	
	204	GM_51_A1_B04	GM_51_A1_B04_T7	
	205	GM_51_A1_B05	GM_51_A1_B05_T7	
	206	GM_51_A1_B06	GM_51_A1_B06_T7	
45	207	GM_51_A1_B07	GM_51_A1_B07_T7	
	208	GM_51_A1_B09	GM_51_A1_B09_T7	
	209	GM_51_A1_B10	GM_51_A1_B10_T7	
	210	GM_51_A1_B11	GM_51_A1_B11_T7	
	211	GM_51_A1_B12	GM_51_A1_B12_T7	
50	212	GM_51_A1_C02	GM_51_A1_C02_T7	
	213	GM_51_A1_C03	GM_51_A1_C03_T7	
	214	GM_51_A1_C04	GM_51_A1_C04_T7	
	215	GM_51_A1_C05	GM_51_A1_C05_T7	
	216	GM_51_A1_C06	GM_51_A1_C06_T7	
55	217	GM_51_A1_C07	GM_51_A1_C07_T7	

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	218	GM_51_A1_C08	GM_51_A1_C08_T7
	219	GM_51_A1_C09	GM_51_A1_C09_T7
	220	GM_51_A1_C10	GM_51_A1_C10_T7
	221	GM_51_A1_C11	GM_51_A1_C11_T7
5	222	GM_51_A1_D02	GM_51_A1_D02_T7
	223	GM_51_A1_D04	GM_51_A1_D04_T7
	224	GM_51_A1_D05	GM_51_A1_D05_T7
	225	GM_51_A1_D06	GM_51_A1_D06_T7
	226	GM_51_A1_D08	GM_51_A1_D08_T7
10	227	GM_51_A1_D09	GM_51_A1_D09_T7
	228	GM_51_A1_D10	GM_51_A1_D10_T7
	229	GM_51_A1_D11	GM_51_A1_D11_T7
	230	GM_51_A1_D12	GM_51_A1_D12_T7
	231	GM_51_A1_E01	GM_51_A1_E01_T7
15	232	GM_51_A1_E02	GM_51_A1_E02_T7
	233	GM_51_A1_E03	GM_51_A1_E03_T7
	234	GM_51_A1_E04	GM_51_A1_E04_T7
	235	GM_51_A1_E05	GM_51_A1_E05_T7
	236	GM_51_A1_E06	GM_51_A1_E06_T7
20	237	GM_51_A1_E07	GM_51_A1_E07_T7
	238	GM_51_A1_E08	GM_51_A1_E08_T7
	239	GM_51_A1_E09	GM_51_A1_E09_T7
	240	GM_51_A1_E10	GM_51_A1_E10_T7
	241	GM_51_A1_E11	GM_51_A1_E11_T7
25	242	GM_51_A1_E12	GM_51_A1_E12_T7
	243	GM_51_A1_F01	GM_51_A1_F01_T7
	244	GM_51_A1_F02	GM_51_A1_F02_T7
	245	GM_51_A1_F03	GM_51_A1_F03_T7
	246	GM_51_A1_F04	GM_51_A1_F04_T7
30	247	GM_51_A1_F05	GM_51_A1_F05_T7
	248	GM_51_A1_F06	GM_51_A1_F06_T7
	249	GM_51_A1_F07	GM_51_A1_F07_T7
	250	GM_51_A1_F08	GM_51_A1_F08_T7
	251	GM_51_A1_F09	GM_51_A1_F09_T7
35	252	GM_51_A1_F10	GM_51_A1_F10_T7
	253	GM_51_A1_F11	GM_51_A1_F11_T7
	254	GM_51_A1_F12	GM_51_A1_F12_T7
	255	GM_51_A1_G01	GM_51_A1_G01_T7
	256	GM_51_A1_G02	GM_51_A1_G02_T7
40	257	GM_51_A1_G03	GM_51_A1_G03_T7
	258	GM_51_A1_G04	GM_51_A1_G04_T7
	259	GM_51_A1_G05	GM_51_A1_G05_T7
	260	GM_51_A1_G06	GM_51_A1_G06_T7
	261	GM_51_A1_G08	GM_51_A1_G08_T7
45	262	GM_51_A1_G09	GM_51_A1_G09_T7
	263	GM_51_A1_G10	GM_51_A1_G10_T7
	264	GM_51_A1_G11	GM_51_A1_G11_T7
	265	GM_51_A1_G12	GM_51_A1_G12_T7
	266	GM_51_A1_H01	GM_51_A1_H01_T7
50	267	GM_51_A1_H03	GM_51_A1_H03_T7
	268	GM_51_A1_H04	GM_51_A1_H04_T7
	269	GM_51_A1_H05	GM_51_A1_H05_T7
	270	GM_51_A1_H06	GM_51_A1_H06_T7
	271	GM_51_A1_H07	GM_51_A1_H07_T7
55	272	GM_51_A1_H09	GM_51_A1_H09_T7

	273	GM_51_A1_H10	GM_51_A1_H10_T7	
	274	GM_51_A1_H11	GM_51_A1_H11_T7	
	275	GM_51_A1_H12	GM_51_A1_H12_T7	
	276	GM_51_A2_A01	GM_51_A2_A01_T7	
5	277	GM_51_A2_A01		GM_51_A2_A01_MR
	278	GM_51_A2_A02	GM_51_A2_A02_T7	
	279	GM_51_A2_A02		GM_51_A2_A02_MR
	280	GM_51_A2_A03	GM_51_A2_A03_T7	
	281	GM_51_A2_A03		GM_51_A2_A03_MR
10	282	GM_51_A2_A04	GM_51_A2_A04_T7	
	283	GM_51_A2_A04		GM_51_A2_A04_MR
	284	GM_51_A2_A05		GM_51_A2_A05_MR
	285	GM_51_A2_A06	GM_51_A2_A06_T7	
	286	GM_51_A2_A07	GM_51_A2_A07_T7	
15	287	GM_51_A2_A07		GM_51_A2_A07_MR
	288	GM_51_A2_A08	GM_51_A2_A08_T7	
	289	GM_51_A2_A08		GM_51_A2_A08_MR
	290	GM_51_A2_A09	GM_51_A2_A09_T7	
	291	GM_51_A2_A09		GM_51_A2_A09_MR
20	292	GM_51_A2_A10	GM_51_A2_A10_T7	
	293	GM_51_A2_A10		GM_51_A2_A10_MR
	294	GM_51_A2_A11	GM_51_A2_A11_T7	
	295	GM_51_A2_A11		GM_51_A2_A11_MR
	296	GM_51_A2_A12	GM_51_A2_A12_T7	
25	297	GM_51_A2_A12		GM_51_A2_A12_MR
	298	GM_51_A2_B01	GM_51_A2_B01_T7	
	299	GM_51_A2_B01		GM_51_A2_B01_MR
	300	GM_51_A2_B02	GM_51_A2_B02_T7	
	301	GM_51_A2_B02		GM_51_A2_B02_MR
30	302	GM_51_A2_B03	GM_51_A2_B03_T7	
	303	GM_51_A2_B03		GM_51_A2_B03_MR
	304	GM_51_A2_B04	GM_51_A2_B04_T7	
	305	GM_51_A2_B04		GM_51_A2_B04_MR
	306	GM_51_A2_B05	GM_51_A2_B05_T7	
35	307	GM_51_A2_B05		GM_51_A2_B05_MR
	308	GM_51_A2_B06	GM_51_A2_B06_T7	
	309	GM_51_A2_B06		GM_51_A2_B06_MR
	310	GM_51_A2_B07	GM_51_A2_B07_T7	
	311	GM_51_A2_B07		GM_51_A2_B07_MR
40	312	GM_51_A2_B08	GM_51_A2_B08_T7	
	313	GM_51_A2_B08		GM_51_A2_B08_MR
	314	GM_51_A2_B10	GM_51_A2_B10_T7	
	315	GM_51_A2_B10		GM_51_A2_B10_MR
	316	GM_51_A2_B11	GM_51_A2_B11_T7	
45	317	GM_51_A2_B11		GM_51_A2_B11_MR
	318	GM_51_A2_B12	GM_51_A2_B12_T7	
	319	GM_51_A2_B12		GM_51_A2_B12_MR
	320	GM_51_A2_C01	GM_51_A2_C01_T7	
	321	GM_51_A2_C01		GM_51_A2_C01_MR
50	322	GM_51_A2_C02	GM_51_A2_C02_T7	
	323	GM_51_A2_C02		GM_51_A2_C02_MR
	324	GM_51_A2_C03	GM_51_A2_C03_T7	
	325	GM_51_A2_C03		GM_51_A2_C03_MR
	326	GM_51_A2_C04	GM_51_A2_C04_T7	
55	327	GM_51_A2_C04		GM_51_A2_C04_MR

	328	GM_51_A2_C05	GM_51_A2_C05_T7	
	329	GM_51_A2_C05		GM_51_A2_C05_MR
	330	GM_51_A2_C06	GM_51_A2_C06_T7	
	331	GM_51_A2_C06		GM_51_A2_C06_MR
5	332	GM_51_A2_C07	GM_51_A2_C07_T7	
	333	GM_51_A2_C07		GM_51_A2_C07_MR
	334	GM_51_A2_C08	GM_51_A2_C08_T7	
	335	GM_51_A2_C08		GM_51_A2_C08_MR
	336	GM_51_A2_C09	GM_51_A2_C09_T7	
10	337	GM_51_A2_C09		GM_51_A2_C09_MR
	338	GM_51_A2_C10	GM_51_A2_C10_T7	
	339	GM_51_A2_C10		GM_51_A2_C10_MR
	340	GM_51_A2_C11	GM_51_A2_C11_T7	
	341	GM_51_A2_C11		GM_51_A2_C11_MR
15	342	GM_51_A2_C12	GM_51_A2_C12_T7	
	343	GM_51_A2_C12		GM_51_A2_C12_MR
	344	GM_51_A2_D01	GM_51_A2_D01_T7	
	345	GM_51_A2_D01		GM_51_A2_D01_MR
	346	GM_51_A2_D02	GM_51_A2_D02_T7	
20	347	GM_51_A2_D02		GM_51_A2_D02_MR
	348	GM_51_A2_D04	GM_51_A2_D04_T7	
	349	GM_51_A2_D04		GM_51_A2_D04_MR
	350	GM_51_A2_D05	GM_51_A2_D05_T7	
	351	GM_51_A2_D05		GM_51_A2_D05_MR
25	352	GM_51_A2_D06	GM_51_A2_D06_T7	
	353	GM_51_A2_D06		GM_51_A2_D06_MR
	354	GM_51_A2_D07		GM_51_A2_D07_MR
	355	GM_51_A2_D08	GM_51_A2_D08_T7	
	356	GM_51_A2_D09		GM_51_A2_D09_MR
30	357	GM_51_A2_D11	GM_51_A2_D11_T7	
	358	GM_51_A2_D11		GM_51_A2_D11_MR
	359	GM_51_A2_D12	GM_51_A2_D12_T7	
	360	GM_51_A2_D12		GM_51_A2_D12_MR
	361	GM_51_A2_E01	GM_51_A2_E01_T7	
35	362	GM_51_A2_E02	GM_51_A2_E02_T7	
	363	GM_51_A2_E02		GM_51_A2_E02_MR
	364	GM_51_A2_E03	GM_51_A2_E03_T7	
	365	GM_51_A2_E03		GM_51_A2_E03_MR
	366	GM_51_A2_E04	GM_51_A2_E04_T7	
40	367	GM_51_A2_E04		GM_51_A2_E04_MR
	368	GM_51_A2_E05		GM_51_A2_E05_MR
	369	GM_51_A2_E06		GM_51_A2_E06_MR
	370	GM_51_A2_E07	GM_51_A2_E07_T7	
	371	GM_51_A2_E07		GM_51_A2_E07_MR
45	372	GM_51_A2_E08	GM_51_A2_E08_T7	
	373	GM_51_A2_E08		GM_51_A2_E08_MR
	374	GM_51_A2_E09	GM_51_A2_E09_T7	
	375	GM_51_A2_E09		GM_51_A2_E09_MR
	376	GM_51_A2_E10	GM_51_A2_E10_T7	
50	377	GM_51_A2_E10		GM_51_A2_E10_MR
	378	GM_51_A2_E11	GM_51_A2_E11_T7	
	379	GM_51_A2_E11		GM_51_A2_E11_MR
	380	GM_51_A2_E12	GM_51_A2_E12_T7	
	381	GM_51_A2_E12		GM_51_A2_E12_MR
55	382	GM_51_A2_F02	GM_51_A2_F02_T7	

	383	GM_51_A2_F02		GM_51_A2_F02_MR
	384	GM_51_A2_F03	GM_51_A2_F03_T7	
	385	GM_51_A2_F03		GM_51_A2_F03_MR
	386	GM_51_A2_F04	GM_51_A2_F04_T7	
5	387	GM_51_A2_F04		GM_51_A2_F04_MR
	388	GM_51_A2_F05	GM_51_A2_F05_T7	
	389	GM_51_A2_F05		GM_51_A2_F05_MR
	390	GM_51_A2_F06	GM_51_A2_F06_T7	
	391	GM_51_A2_F06		GM_51_A2_F06_MR
10	392	GM_51_A2_F07		GM_51_A2_F07_MR
	393	GM_51_A2_F08	GM_51_A2_F08_T7	
	394	GM_51_A2_F08		GM_51_A2_F08_MR
	395	GM_51_A2_F09	GM_51_A2_F09_T7	
	396	GM_51_A2_F09		GM_51_A2_F09_MR
15	397	GM_51_A2_F10	GM_51_A2_F10_T7	
	398	GM_51_A2_F10		GM_51_A2_F10_MR
	399	GM_51_A2_F11	GM_51_A2_F11_T7	
	400	GM_51_A2_F11		GM_51_A2_F11_MR
	401	GM_51_A2_F12	GM_51_A2_F12_T7	
20	402	GM_51_A2_F12		GM_51_A2_F12_MR
	403	GM_51_A2_G01	GM_51_A2_G01_T7	
	404	GM_51_A2_G01		GM_51_A2_G01_MR
	405	GM_51_A2_G02	GM_51_A2_G02_T7	
	406	GM_51_A2_G02		GM_51_A2_G02_MR
25	407	GM_51_A2_G03	GM_51_A2_G03_T7	
	408	GM_51_A2_G03		GM_51_A2_G03_MR
	409	GM_51_A2_G04	GM_51_A2_G04_T7	
	410	GM_51_A2_G04		GM_51_A2_G04_MR
	411	GM_51_A2_G05	GM_51_A2_G05_T7	
30	412	GM_51_A2_G05		GM_51_A2_G05_MR
	413	GM_51_A2_G06	GM_51_A2_G06_T7	
	414	GM_51_A2_G06		GM_51_A2_G06_MR
	415	GM_51_A2_G07	GM_51_A2_G07_T7	
	416	GM_51_A2_G07		GM_51_A2_G07_MR
35	417	GM_51_A2_G08	GM_51_A2_G08_T7	
	418	GM_51_A2_G08		GM_51_A2_G08_MR
	419	GM_51_A2_G09	GM_51_A2_G09_T7	
	420	GM_51_A2_G09		GM_51_A2_G09_MR
	421	GM_51_A2_G10	GM_51_A2_G10_T7	
40	422	GM_51_A2_G10		GM_51_A2_G10_MR
	423	GM_51_A2_G11	GM_51_A2_G11_T7	
	424	GM_51_A2_G11		GM_51_A2_G11_MR
	425	GM_51_A2_G12	GM_51_A2_G12_T7	
	426	GM_51_A2_G12		GM_51_A2_G12_MR
45	427	GM_51_A2_H01	GM_51_A2_H01_T7	
	428	GM_51_A2_H01		GM_51_A2_H01_MR
	429	GM_51_A2_H02	GM_51_A2_H02_T7	
	430	GM_51_A2_H02		GM_51_A2_H02_MR
	431	GM_51_A2_H03	GM_51_A2_H03_T7	
50	432	GM_51_A2_H03		GM_51_A2_H03_MR
	433	GM_51_A2_H04	GM_51_A2_H04_T7	
	434	GM_51_A2_H04		GM_51_A2_H04_MR
	435	GM_51_A2_H05	GM_51_A2_H05_T7	
	436	GM_51_A2_H05		GM_51_A2_H05_MR
55	437	GM_51_A2_H06	GM_51_A2_H06_T7	

	438	GM_51_A2_H06		GM_51_A2_H06_MR
	439	GM_51_A2_H07		GM_51_A2_H07_MR
	440	GM_51_A2_H10	GM_51_A2_H10_T7	
	441	GM_51_A2_H11	GM_51_A2_H11_T7	
5	442	GM_51_A2_H11		GM_51_A2_H11_MR
	443	GM_51_A2_H12	GM_51_A2_H12_T7	
	444	GM_51_A2_H12		GM_51_A2_H12_MR
	445	GM_51_B2_A02		GM_51_B2_A02_MR
	446	GM_51_B2_A03		GM_51_B2_A03_MR
10	447	GM_51_B2_A04		GM_51_B2_A04_MR
	448	GM_51_B2_A05		GM_51_B2_A05_MR
	449	GM_51_B2_A06		GM_51_B2_A06_MR
	450	GM_51_B2_A07		GM_51_B2_A07_MR
	451	GM_51_B2_A08		GM_51_B2_A08_MR
15	452	GM_51_B2_A09		GM_51_B2_A09_MR
	453	GM_51_B2_A10		GM_51_B2_A10_MR
	454	GM_51_B2_A11		GM_51_B2_A11_MR
	455	GM_51_B2_A12		GM_51_B2_A12_MR
	456	GM_51_B2_B01		GM_51_B2_B01_MR
20	457	GM_51_B2_B02		GM_51_B2_B02_MR
	458	GM_51_B2_B03		GM_51_B2_B03_MR
	459	GM_51_B2_B04		GM_51_B2_B04_MR
	460	GM_51_B2_B05		GM_51_B2_B05_MR
	461	GM_51_B2_B06		GM_51_B2_B06_MR
25	462	GM_51_B2_B07		GM_51_B2_B07_MR
	463	GM_51_B2_B08		GM_51_B2_B08_MR
	464	GM_51_B2_B09		GM_51_B2_B09_MR
	465	GM_51_B2_B10		GM_51_B2_B10_MR
	466	GM_51_B2_B11		GM_51_B2_B11_MR
30	467	GM_51_B2_B12		GM_51_B2_B12_MR
	468	GM_51_B2_C01		GM_51_B2_C01_MR
	469	GM_51_B2_C02		GM_51_B2_C02_MR
	470	GM_51_B2_C03		GM_51_B2_C03_MR
	471	GM_51_B2_C04		GM_51_B2_C04_MR
35	472	GM_51_B2_C05		GM_51_B2_C05_MR
	473	GM_51_B2_C06		GM_51_B2_C06_MR
	474	GM_51_B2_C07		GM_51_B2_C07_MR
	475	GM_51_B2_C08		GM_51_B2_C08_MR
	476	GM_51_B2_C09		GM_51_B2_C09_MR
40	477	GM_51_B2_C10		GM_51_B2_C10_MR
	478	GM_51_B2_C11		GM_51_B2_C11_MR
	479	GM_51_B2_C12		GM_51_B2_C12_MR
	480	GM_51_B2_D01		GM_51_B2_D01_MR
	481	GM_51_B2_D02		GM_51_B2_D02_MR
45	482	GM_51_B2_D03		GM_51_B2_D03_MR
	483	GM_51_B2_D04		GM_51_B2_D04_MR
	484	GM_51_B2_D05		GM_51_B2_D05_MR
	485	GM_51_B2_D06		GM_51_B2_D06_MR
	486	GM_51_B2_D07		GM_51_B2_D07_MR
50	487	GM_51_B2_D08		GM_51_B2_D08_MR
	488	GM_51_B2_D09		GM_51_B2_D09_MR
	489	GM_51_B2_D10		GM_51_B2_D10_MR
	490	GM_51_B2_D11		GM_51_B2_D11_MR
	491	GM_51_B2_D12		GM_51_B2_D12_MR
55	492	GM_51_B2_E01		GM_51_B2_E01_MR

	493	GM_51_B2_E02		GM_51_B2_E02_MR
	494	GM_51_B2_E03		GM_51_B2_E03_MR
	495	GM_51_B2_E04		GM_51_B2_E04_MR
	496	GM_51_B2_E05		GM_51_B2_E05_MR
5	497	GM_51_B2_E06		GM_51_B2_E06_MR
	498	GM_51_B2_E07		GM_51_B2_E07_MR
	499	GM_51_B2_E08		GM_51_B2_E08_MR
	500	GM_51_B2_E09		GM_51_B2_E09_MR
	501	GM_51_B2_E10		GM_51_B2_E10_MR
10	502	GM_51_B2_E11		GM_51_B2_E11_MR
	503	GM_51_B2_E12		GM_51_B2_E12_MR
	504	GM_51_B2_F01		GM_51_B2_F01_MR
	505	GM_51_B2_F02		GM_51_B2_F02_MR
	506	GM_51_B2_F03		GM_51_B2_F03_MR
15	507	GM_51_B2_F04		GM_51_B2_F04_MR
	508	GM_51_B2_F05		GM_51_B2_F05_MR
	509	GM_51_B2_F06		GM_51_B2_F06_MR
	510	GM_51_B2_F07		GM_51_B2_F07_MR
	511	GM_51_B2_F08		GM_51_B2_F08_MR
20	512	GM_51_B2_F09		GM_51_B2_F09_MR
	513	GM_51_B2_F10		GM_51_B2_F10_MR
	514	GM_51_B2_F11		GM_51_B2_F11_MR
	515	GM_51_B2_F12		GM_51_B2_F12_MR
	516	GM_51_B2_G01		GM_51_B2_G01_MR
25	517	GM_51_B2_G02		GM_51_B2_G02_MR
	518	GM_51_B2_G03		GM_51_B2_G03_MR
	519	GM_51_B2_G04		GM_51_B2_G04_MR
	520	GM_51_B2_G05		GM_51_B2_G05_MR
	521	GM_51_B2_G06		GM_51_B2_G06_MR
30	522	GM_51_B2_G07		GM_51_B2_G07_MR
	523	GM_51_B2_G08		GM_51_B2_G08_MR
	524	GM_51_B2_G09		GM_51_B2_G09_MR
	525	GM_51_B2_G10		GM_51_B2_G10_MR
	526	GM_51_B2_G11		GM_51_B2_G11_MR
35	527	GM_51_B2_G12		GM_51_B2_G12_MR
	528	GM_51_B2_H01		GM_51_B2_H01_MR
	529	GM_51_B2_H02		GM_51_B2_H02_MR
	530	GM_51_B2_H03		GM_51_B2_H03_MR
	531	GM_51_B2_H04		GM_51_B2_H04_MR
40	532	GM_51_B2_H05		GM_51_B2_H05_MR
	533	GM_51_B2_H06		GM_51_B2_H06_MR
	534	GM_51_B2_H07		GM_51_B2_H07_MR
	535	GM_51_B2_H08		GM_51_B2_H08_MR
	536	GM_51_B2_H09		GM_51_B2_H09_MR
45	537	GM_51_B2_H10		GM_51_B2_H10_MR
	538	GM_51_B2_H11		GM_51_B2_H11_MR
	539	GM_51_B2_H12		GM_51_B2_H12_MR
	540	GM_52_A1_A01	GM_52_A1_A01_T7	
	541	GM_52_A1_A01		GM_52_A1_A01_MR
50	542	GM_52_A1_A02	GM_52_A1_A02_T7	
	543	GM_52_A1_A02		GM_52_A1_A02_MR
	544	GM_52_A1_A03	GM_52_A1_A03_T7	
	545	GM_52_A1_A03		GM_52_A1_A03_MR
	546	GM_52_A1_A04	GM_52_A1_A04_T7	
55	547	GM_52_A1_A04		GM_52_A1_A04_MR

	548	GM_52_A1_A05	GM_52_A1_A05_T7	
	549	GM_52_A1_A05		GM_52_A1_A05_MR
	550	GM_52_A1_A06		GM_52_A1_A06_MR
	551	GM_52_A1_A07	GM_52_A1_A07_T7	
5	552	GM_52_A1_A07		GM_52_A1_A07_MR
	553	GM_52_A1_A08	GM_52_A1_A08_T7	
	554	GM_52_A1_A08		GM_52_A1_A08_MR
	555	GM_52_A1_A09	GM_52_A1_A09_T7	
	556	GM_52_A1_A09		GM_52_A1_A09_MR
10	557	GM_52_A1_A10	GM_52_A1_A10_T7	
	558	GM_52_A1_A10		GM_52_A1_A10_MR
	559	GM_52_A1_A11		GM_52_A1_A11_MR
	560	GM_52_A1_A12	GM_52_A1_A12_T7	
	561	GM_52_A1_A12		GM_52_A1_A12_MR
15	562	GM_52_A1_B01	GM_52_A1_B01_T7	
	563	GM_52_A1_B01		GM_52_A1_B01_MR
	564	GM_52_A1_B02	GM_52_A1_B02_T7	
	565	GM_52_A1_B02		GM_52_A1_B02_MR
	566	GM_52_A1_B04	GM_52_A1_B04_T7	
20	567	GM_52_A1_B04		GM_52_A1_B04_MR
	568	GM_52_A1_B06		GM_52_A1_B06_MR
	569	GM_52_A1_B07		GM_52_A1_B07_MR
	570	GM_52_A1_B08		GM_52_A1_B08_MR
	571	GM_52_A1_B09	GM_52_A1_B09_T7	
25	572	GM_52_A1_B09		GM_52_A1_B09_MR
	573	GM_52_A1_B10		GM_52_A1_B10_MR
	574	GM_52_A1_B12	GM_52_A1_B12_T7	
	575	GM_52_A1_C01		GM_52_A1_C01_MR
	576	GM_52_A1_C02	GM_52_A1_C02_T7	
30	577	GM_52_A1_C02		GM_52_A1_C02_MR
	578	GM_52_A1_C03	GM_52_A1_C03_T7	
	579	GM_52_A1_C03		GM_52_A1_C03_MR
	580	GM_52_A1_C04	GM_52_A1_C04_T7	
	581	GM_52_A1_C04		GM_52_A1_C04_MR
35	582	GM_52_A1_C05	GM_52_A1_C05_T7	
	583	GM_52_A1_C05		GM_52_A1_C05_MR
	584	GM_52_A1_C06	GM_52_A1_C06_T7	
	585	GM_52_A1_C06		GM_52_A1_C06_MR
	586	GM_52_A1_C07	GM_52_A1_C07_T7	
40	587	GM_52_A1_C07		GM_52_A1_C07_MR
	588	GM_52_A1_C08	GM_52_A1_C08_T7	
	589	GM_52_A1_C08		GM_52_A1_C08_MR
	590	GM_52_A1_C09	GM_52_A1_C09_T7	
	591	GM_52_A1_C10	GM_52_A1_C10_T7	
45	592	GM_52_A1_C10		GM_52_A1_C10_MR
	593	GM_52_A1_C11	GM_52_A1_C11_T7	
	594	GM_52_A1_C11		GM_52_A1_C11_MR
	595	GM_52_A1_C12	GM_52_A1_C12_T7	
	596	GM_52_A1_C12		GM_52_A1_C12_MR
50	597	GM_52_A1_D01	GM_52_A1_D01_T7	
	598	GM_52_A1_D01		GM_52_A1_D01_MR
	599	GM_52_A1_D02	GM_52_A1_D02_T7	
	600	GM_52_A1_D02		GM_52_A1_D02_MR
	601	GM_52_A1_D03		GM_52_A1_D03_MR
55	602	GM_52_A1_D04		GM_52_A1_D04_MR

	658	GM_52_A1_G05	GM_52_A1_G05_T7	
	659	GM_52_A1_G05		GM_52_A1_G05_MR
	660	GM_52_A1_G06	GM_52_A1_G06_T7	
	661	GM_52_A1_G06		GM_52_A1_G06_MR
5	662	GM_52_A1_G07	GM_52_A1_G07_T7	
	663	GM_52_A1_G07		GM_52_A1_G07_MR
	664	GM_52_A1_G08	GM_52_A1_G08_T7	
	665	GM_52_A1_G08		GM_52_A1_G08_MR
	666	GM_52_A1_G09	GM_52_A1_G09_T7	
10	667	GM_52_A1_G09		GM_52_A1_G09_MR
	668	GM_52_A1_G10	GM_52_A1_G10_T7	
	669	GM_52_A1_G10		GM_52_A1_G10_MR
	670	GM_52_A1_G11	GM_52_A1_G11_T7	
	671	GM_52_A1_G11		GM_52_A1_G11_MR
15	672	GM_52_A1_G12	GM_52_A1_G12_T7	
	673	GM_52_A1_G12		GM_52_A1_G12_MR
	674	GM_52_A1_H01	GM_52_A1_H01_T7	
	675	GM_52_A1_H01		GM_52_A1_H01_MR
	676	GM_52_A1_H02	GM_52_A1_H02_T7	
20	677	GM_52_A1_H02		GM_52_A1_H02_MR
	678	GM_52_A1_H03	GM_52_A1_H03_T7	
	679	GM_52_A1_H03		GM_52_A1_H03_MR
	680	GM_52_A1_H04	GM_52_A1_H04_T7	
	681	GM_52_A1_H05	GM_52_A1_H05_T7	
25	682	GM_52_A1_H06	GM_52_A1_H06_T7	
	683	GM_52_A1_H06		GM_52_A1_H06_MR
	684	GM_52_A1_H07	GM_52_A1_H07_T7	
	685	GM_52_A1_H07		GM_52_A1_H07_MR
	686	GM_52_A1_H08	GM_52_A1_H08_T7	
30	687	GM_52_A1_H08		GM_52_A1_H08_MR
	688	GM_52_A1_H09	GM_52_A1_H09_T7	
	689	GM_52_A1_H09		GM_52_A1_H09_MR
	690	GM_52_A1_H11		GM_52_A1_H11_MR
	691	GM_52_A1_H12	GM_52_A1_H12_T7	
35	692	GM_52_A1_H12		GM_52_A1_H12_MR
	693	GM_52_A2_A01	GM_52_A2_A01_T7	
	694	GM_52_A2_A02	GM_52_A2_A02_T7	
	695	GM_52_A2_A02		GM_52_A2_A02_MR
	696	GM_52_A2_A04	GM_52_A2_A04_T7	
40	697	GM_52_A2_A04		GM_52_A2_A04_MR
	698	GM_52_A2_A05	GM_52_A2_A05_T7	
	699	GM_52_A2_A05		GM_52_A2_A05_MR
	700	GM_52_A2_A06	GM_52_A2_A06_T7	
	701	GM_52_A2_A06		GM_52_A2_A06_MR
45	702	GM_52_A2_A07	GM_52_A2_A07_T7	
	703	GM_52_A2_A07		GM_52_A2_A07_MR
	704	GM_52_A2_A08	GM_52_A2_A08_T7	
	705	GM_52_A2_A08		GM_52_A2_A08_MR
	706	GM_52_A2_A09	GM_52_A2_A09_T7	
50	707	GM_52_A2_A09		GM_52_A2_A09_MR
	708	GM_52_A2_A11	GM_52_A2_A11_T7	
	709	GM_52_A2_A11		GM_52_A2_A11_MR
	710	GM_52_A2_A12	GM_52_A2_A12_T7	
	711	GM_52_A2_A12		GM_52_A2_A12_MR
55	712	GM_52_A2_B01	GM_52_A2_B01_T7	

	713	GM_52_A2_B01		GM_52_A2_B01_MR
	714	GM_52_A2_B02	GM_52_A2_B02_T7	
	715	GM_52_A2_B02		GM_52_A2_B02_MR
	716	GM_52_A2_B03	GM_52_A2_B03_T7	
5	717	GM_52_A2_B04	GM_52_A2_B04_T7	
	718	GM_52_A2_B04		GM_52_A2_B04_MR
	719	GM_52_A2_B05	GM_52_A2_B05_T7	
	720	GM_52_A2_B05		GM_52_A2_B05_MR
	721	GM_52_A2_B06	GM_52_A2_B06_T7	
10	722	GM_52_A2_B06		GM_52_A2_B06_MR
	723	GM_52_A2_B07	GM_52_A2_B07_T7	
	724	GM_52_A2_B07		GM_52_A2_B07_MR
	725	GM_52_A2_B08	GM_52_A2_B08_T7	
	726	GM_52_A2_B08		GM_52_A2_B08_MR
15	727	GM_52_A2_B09		GM_52_A2_B09_MR
	728	GM_52_A2_B10	GM_52_A2_B10_T7	
	729	GM_52_A2_B10		GM_52_A2_B10_MR
	730	GM_52_A2_B11		GM_52_A2_B11_MR
	731	GM_52_A2_B12	GM_52_A2_B12_T7	
20	732	GM_52_A2_B12		GM_52_A2_B12_MR
	733	GM_52_A2_C01	GM_52_A2_C01_T7	
	734	GM_52_A2_C01		GM_52_A2_C01_MR
	735	GM_52_A2_C02	GM_52_A2_C02_T7	
	736	GM_52_A2_C02		GM_52_A2_C02_MR
25	737	GM_52_A2_C03	GM_52_A2_C03_T7	
	738	GM_52_A2_C03		GM_52_A2_C03_MR
	739	GM_52_A2_C04	GM_52_A2_C04_T7	
	740	GM_52_A2_C04		GM_52_A2_C04_MR
	741	GM_52_A2_C05	GM_52_A2_C05_T7	
30	742	GM_52_A2_C05		GM_52_A2_C05_MR
	743	GM_52_A2_C07	GM_52_A2_C07_T7	
	744	GM_52_A2_C07		GM_52_A2_C07_MR
	745	GM_52_A2_C08	GM_52_A2_C08_T7	
	746	GM_52_A2_C08		GM_52_A2_C08_MR
35	747	GM_52_A2_C09	GM_52_A2_C09_T7	
	748	GM_52_A2_C09		GM_52_A2_C09_MR
	749	GM_52_A2_C10	GM_52_A2_C10_T7	
	750	GM_52_A2_C10		GM_52_A2_C10_MR
	751	GM_52_A2_C11		GM_52_A2_C11_MR
40	752	GM_52_A2_C12	GM_52_A2_C12_T7	
	753	GM_52_A2_C12		GM_52_A2_C12_MR
	754	GM_52_A2_D01	GM_52_A2_D01_T7	
	755	GM_52_A2_D01		GM_52_A2_D01_MR
	756	GM_52_A2_D02	GM_52_A2_D02_T7	
45	757	GM_52_A2_D02		GM_52_A2_D02_MR
	758	GM_52_A2_D03		GM_52_A2_D03_MR
	759	GM_52_A2_D04		GM_52_A2_D04_MR
	760	GM_52_A2_D05	GM_52_A2_D05_T7	
	761	GM_52_A2_D05		GM_52_A2_D05_MR
50	762	GM_52_A2_D06	GM_52_A2_D06_T7	
	763	GM_52_A2_D06		GM_52_A2_D06_MR
	764	GM_52_A2_D07	GM_52_A2_D07_T7	
	765	GM_52_A2_D07		GM_52_A2_D07_MR
	766	GM_52_A2_D08	GM_52_A2_D08_T7	
55	767	GM_52_A2_D09	GM_52_A2_D09_T7	

	768	GM_52_A2_D09		GM_52_A2_D09_MR
	769	GM_52_A2_D11	GM_52_A2_D11_T7	
	770	GM_52_A2_D11		GM_52_A2_D11_MR
	771	GM_52_A2_D12	GM_52_A2_D12_T7	
5	772	GM_52_A2_D12		GM_52_A2_D12_MR
	773	GM_52_A2_E01	GM_52_A2_E01_T7	
	774	GM_52_A2_E01		GM_52_A2_E01_MR
	775	GM_52_A2_E02	GM_52_A2_E02_T7	
	776	GM_52_A2_E02		GM_52_A2_E02_MR
10	777	GM_52_A2_E03	GM_52_A2_E03_T7	
	778	GM_52_A2_E03		GM_52_A2_E03_MR
	779	GM_52_A2_E05	GM_52_A2_E05_T7	
	780	GM_52_A2_E05		GM_52_A2_E05_MR
	781	GM_52_A2_E06	GM_52_A2_E06_T7	
15	782	GM_52_A2_E06		GM_52_A2_E06_MR
	783	GM_52_A2_E07	GM_52_A2_E07_T7	
	784	GM_52_A2_E07		GM_52_A2_E07_MR
	785	GM_52_A2_E08	GM_52_A2_E08_T7	
	786	GM_52_A2_E09	GM_52_A2_E09_T7	
20	787	GM_52_A2_E09		GM_52_A2_E09_MR
	788	GM_52_A2_E10	GM_52_A2_E10_T7	
	789	GM_52_A2_E10		GM_52_A2_E10_MR
	790	GM_52_A2_E11	GM_52_A2_E11_T7	
	791	GM_52_A2_E12	GM_52_A2_E12_T7	
25	792	GM_52_A2_E12		GM_52_A2_E12_MR
	793	GM_52_A2_F01	GM_52_A2_F01_T7	
	794	GM_52_A2_F01		GM_52_A2_F01_MR
	795	GM_52_A2_F03	GM_52_A2_F03_T7	
	796	GM_52_A2_F03		GM_52_A2_F03_MR
30	797	GM_52_A2_F04	GM_52_A2_F04_T7	
	798	GM_52_A2_F05	GM_52_A2_F05_T7	
	799	GM_52_A2_F05		GM_52_A2_F05_MR
	800	GM_52_A2_F06	GM_52_A2_F06_T7	
	801	GM_52_A2_F06		GM_52_A2_F06_MR
35	802	GM_52_A2_F07	GM_52_A2_F07_T7	
	803	GM_52_A2_F07		GM_52_A2_F07_MR
	804	GM_52_A2_F08	GM_52_A2_F08_T7	
	805	GM_52_A2_F09	GM_52_A2_F09_T7	
	806	GM_52_A2_F09		GM_52_A2_F09_MR
40	807	GM_52_A2_F10	GM_52_A2_F10_T7	
	808	GM_52_A2_F10		GM_52_A2_F10_MR
	809	GM_52_A2_F11	GM_52_A2_F11_T7	
	810	GM_52_A2_F11		GM_52_A2_F11_MR
	811	GM_52_A2_F12	GM_52_A2_F12_T7	
45	812	GM_52_A2_F12		GM_52_A2_F12_MR
	813	GM_52_A2_G01	GM_52_A2_G01_T7	
	814	GM_52_A2_G01		GM_52_A2_G01_MR
	815	GM_52_A2_G02	GM_52_A2_G02_T7	
	816	GM_52_A2_G02		GM_52_A2_G02_MR
50	817	GM_52_A2_G03	GM_52_A2_G03_T7	
	818	GM_52_A2_G03		GM_52_A2_G03_MR
	819	GM_52_A2_G04	GM_52_A2_G04_T7	
	820	GM_52_A2_G04		GM_52_A2_G04_MR
	821	GM_52_A2_G05	GM_52_A2_G05_T7	
55	822	GM_52_A2_G05		GM_52_A2_G05_MR

	823	GM_52_A2_G06	GM_52_A2_G06_T7	
	824	GM_52_A2_G06		GM_52_A2_G06_MR
	825	GM_52_A2_G07	GM_52_A2_G07_T7	
	826	GM_52_A2_G07		GM_52_A2_G07_MR
5	827	GM_52_A2_G08	GM_52_A2_G08_T7	
	828	GM_52_A2_G08		GM_52_A2_G08_MR
	829	GM_52_A2_G09	GM_52_A2_G09_T7	
	830	GM_52_A2_G09		GM_52_A2_G09_MR
	831	GM_52_A2_G10		GM_52_A2_G10_MR
10	832	GM_52_A2_G11	GM_52_A2_G11_T7	
	833	GM_52_A2_G11		GM_52_A2_G11_MR
	834	GM_52_A2_G12	GM_52_A2_G12_T7	
	835	GM_52_A2_G12		GM_52_A2_G12_MR
	836	GM_52_A2_H01	GM_52_A2_H01_T7	
15	837	GM_52_A2_H01		GM_52_A2_H01_MR
	838	GM_52_A2_H02		GM_52_A2_H02_MR
	839	GM_52_A2_H03	GM_52_A2_H03_T7	
	840	GM_52_A2_H03		GM_52_A2_H03_MR
	841	GM_52_A2_H04	GM_52_A2_H04_T7	
20	842	GM_52_A2_H05	GM_52_A2_H05_T7	
	843	GM_52_A2_H05		GM_52_A2_H05_MR
	844	GM_52_A2_H06	GM_52_A2_H06_T7	
	845	GM_52_A2_H06		GM_52_A2_H06_MR
	846	GM_52_A2_H07	GM_52_A2_H07_T7	
25	847	GM_52_A2_H07		GM_52_A2_H07_MR
	848	GM_52_A2_H08	GM_52_A2_H08_T7	
	849	GM_52_A2_H08		GM_52_A2_H08_MR
	850	GM_52_A2_H10	GM_52_A2_H10_T7	
	851	GM_52_A2_H10		GM_52_A2_H10_MR
30	852	GM_52_A2_H11	GM_52_A2_H11_T7	
	853	GM_52_A2_H11		GM_52_A2_H11_MR
	854	GM_52_A2_H12	GM_52_A2_H12_T7	
	855	GM_52_A2_H12		GM_52_A2_H12_MR
	856	GM_52_B2_A01	GM_52_B2_A01_T7	
35	857	GM_52_B2_A01		GM_52_B2_A01_MR
	858	GM_52_B2_A02	GM_52_B2_A02_T7	
	859	GM_52_B2_A02		GM_52_B2_A02_MR
	860	GM_52_B2_A03	GM_52_B2_A03_T7	
	861	GM_52_B2_A03		GM_52_B2_A03_MR
40	862	GM_52_B2_A04	GM_52_B2_A04_T7	
	863	GM_52_B2_A04		GM_52_B2_A04_MR
	864	GM_52_B2_A05		GM_52_B2_A05_MR
	865	GM_52_B2_A06	GM_52_B2_A06_T7	
	866	GM_52_B2_A06		GM_52_B2_A06_MR
45	867	GM_52_B2_A07	GM_52_B2_A07_T7	
	868	GM_52_B2_A07		GM_52_B2_A07_MR
	869	GM_52_B2_A08	GM_52_B2_A08_T7	
	870	GM_52_B2_A08		GM_52_B2_A08_MR
	871	GM_52_B2_A09	GM_52_B2_A09_T7	
50	872	GM_52_B2_A09		GM_52_B2_A09_MR
	873	GM_52_B2_A10	GM_52_B2_A10_T7	
	874	GM_52_B2_A10		GM_52_B2_A10_MR
	875	GM_52_B2_A11	GM_52_B2_A11_T7	
	876	GM_52_B2_A11		GM_52_B2_A11_MR
55	877	GM_52_B2_A12	GM_52_B2_A12_T7	

	878	GM_52_B2_A12		GM_52_B2_A12_MR
	879	GM_52_B2_B01	GM_52_B2_B01_T7	
	880	GM_52_B2_B01		GM_52_B2_B01_MR
	881	GM_52_B2_B02	GM_52_B2_B02_T7	
5	882	GM_52_B2_B02		GM_52_B2_B02_MR
	883	GM_52_B2_B03	GM_52_B2_B03_T7	
	884	GM_52_B2_B03		GM_52_B2_B03_MR
	885	GM_52_B2_B04	GM_52_B2_B04_T7	
	886	GM_52_B2_B04		GM_52_B2_B04_MR
10	887	GM_52_B2_B05	GM_52_B2_B05_T7	
	888	GM_52_B2_B05		GM_52_B2_B05_MR
	889	GM_52_B2_B06		GM_52_B2_B06_MR
	890	GM_52_B2_B07	GM_52_B2_B07_T7	
	891	GM_52_B2_B07		GM_52_B2_B07_MR
15	892	GM_52_B2_B08	GM_52_B2_B08_T7	
	893	GM_52_B2_B08		GM_52_B2_B08_MR
	894	GM_52_B2_B09	GM_52_B2_B09_T7	
	895	GM_52_B2_B09		GM_52_B2_B09_MR
	896	GM_52_B2_B10	GM_52_B2_B10_T7	
20	897	GM_52_B2_B10		GM_52_B2_B10_MR
	898	GM_52_B2_B11	GM_52_B2_B11_T7	
	899	GM_52_B2_B11		GM_52_B2_B11_MR
	900	GM_52_B2_B12	GM_52_B2_B12_T7	
	901	GM_52_B2_B12		GM_52_B2_B12_MR
25	902	GM_52_B2_C01		GM_52_B2_C01_MR
	903	GM_52_B2_C02	GM_52_B2_C02_T7	
	904	GM_52_B2_C02		GM_52_B2_C02_MR
	905	GM_52_B2_C03	GM_52_B2_C03_T7	
	906	GM_52_B2_C03		GM_52_B2_C03_MR
30	907	GM_52_B2_C04		GM_52_B2_C04_MR
	908	GM_52_B2_C05		GM_52_B2_C05_MR
	909	GM_52_B2_C06	GM_52_B2_C06_T7	
	910	GM_52_B2_C06		GM_52_B2_C06_MR
	911	GM_52_B2_C07	GM_52_B2_C07_T7	
35	912	GM_52_B2_C07		GM_52_B2_C07_MR
	913	GM_52_B2_C08	GM_52_B2_C08_T7	
	914	GM_52_B2_C08		GM_52_B2_C08_MR
	915	GM_52_B2_C09	GM_52_B2_C09_T7	
	916	GM_52_B2_C09		GM_52_B2_C09_MR
40	917	GM_52_B2_C10		GM_52_B2_C10_MR
	918	GM_52_B2_C11	GM_52_B2_C11_T7	
	919	GM_52_B2_C11		GM_52_B2_C11_MR
	920	GM_52_B2_C12	GM_52_B2_C12_T7	
	921	GM_52_B2_C12		GM_52_B2_C12_MR
45	922	GM_52_B2_D01	GM_52_B2_D01_T7	
	923	GM_52_B2_D01		GM_52_B2_D01_MR
	924	GM_52_B2_D02	GM_52_B2_D02_T7	
	925	GM_52_B2_D02		GM_52_B2_D02_MR
	926	GM_52_B2_D03		GM_52_B2_D03_MR
50	927	GM_52_B2_D04	GM_52_B2_D04_T7	
	928	GM_52_B2_D04		GM_52_B2_D04_MR
	929	GM_52_B2_D05	GM_52_B2_D05_T7	
	930	GM_52_B2_D05		GM_52_B2_D05_MR
	931	GM_52_B2_D06	GM_52_B2_D06_T7	
55	932	GM_52_B2_D06		GM_52_B2_D06_MR

	933	GM_52_B2_D07	GM_52_B2_D07_T7	
	934	GM_52_B2_D07		GM_52_B2_D07_MR
	935	GM_52_B2_D08	GM_52_B2_D08_T7	
	936	GM_52_B2_D08		GM_52_B2_D08_MR
5	937	GM_52_B2_D09	GM_52_B2_D09_T7	
	938	GM_52_B2_D09		GM_52_B2_D09_MR
	939	GM_52_B2_D11	GM_52_B2_D11_T7	
	940	GM_52_B2_D11		GM_52_B2_D11_MR
	941	GM_52_B2_D12		GM_52_B2_D12_MR
10	942	GM_52_B2_E01	GM_52_B2_E01_T7	
	943	GM_52_B2_E01		GM_52_B2_E01_MR
	944	GM_52_B2_E02	GM_52_B2_E02_T7	
	945	GM_52_B2_E02		GM_52_B2_E02_MR
	946	GM_52_B2_E03		GM_52_B2_E03_MR
15	947	GM_52_B2_E04	GM_52_B2_E04_T7	
	948	GM_52_B2_E04		GM_52_B2_E04_MR
	949	GM_52_B2_E05	GM_52_B2_E05_T7	
	950	GM_52_B2_E05		GM_52_B2_E05_MR
	951	GM_52_B2_E06	GM_52_B2_E06_T7	
20	952	GM_52_B2_E06		GM_52_B2_E06_MR
	953	GM_52_B2_E07	GM_52_B2_E07_T7	
	954	GM_52_B2_E07		GM_52_B2_E07_MR
	955	GM_52_B2_E08	GM_52_B2_E08_T7	
	956	GM_52_B2_E08		GM_52_B2_E08_MR
25	957	GM_52_B2_E09	GM_52_B2_E09_T7	
	958	GM_52_B2_E09		GM_52_B2_E09_MR
	959	GM_52_B2_E10	GM_52_B2_E10_T7	
	960	GM_52_B2_E10		GM_52_B2_E10_MR
	961	GM_52_B2_E11	GM_52_B2_E11_T7	
30	962	GM_52_B2_E11		GM_52_B2_E11_MR
	963	GM_52_B2_E12	GM_52_B2_E12_T7	
	964	GM_52_B2_E12		GM_52_B2_E12_MR
	965	GM_52_B2_F01	GM_52_B2_F01_T7	
	966	GM_52_B2_F01		GM_52_B2_F01_MR
35	967	GM_52_B2_F02	GM_52_B2_F02_T7	
	968	GM_52_B2_F02		GM_52_B2_F02_MR
	969	GM_52_B2_F03	GM_52_B2_F03_T7	
	970	GM_52_B2_F03		GM_52_B2_F03_MR
	971	GM_52_B2_F04		GM_52_B2_F04_MR
40	972	GM_52_B2_F05	GM_52_B2_F05_T7	
	973	GM_52_B2_F05		GM_52_B2_F05_MR
	974	GM_52_B2_F06	GM_52_B2_F06_T7	
	975	GM_52_B2_F06		GM_52_B2_F06_MR
	976	GM_52_B2_F07	GM_52_B2_F07_T7	
45	977	GM_52_B2_F07		GM_52_B2_F07_MR
	978	GM_52_B2_F08	GM_52_B2_F08_T7	
	979	GM_52_B2_F08		GM_52_B2_F08_MR
	980	GM_52_B2_F09	GM_52_B2_F09_T7	
	981	GM_52_B2_F09		GM_52_B2_F09_MR
50	982	GM_52_B2_F10	GM_52_B2_F10_T7	
	983	GM_52_B2_F10		GM_52_B2_F10_MR
	984	GM_52_B2_F11	GM_52_B2_F11_T7	
	985	GM_52_B2_F11		GM_52_B2_F11_MR
	986	GM_52_B2_F12		GM_52_B2_F12_MR
55	987	GM_52_B2_G01		GM_52_B2_G01_MR

	988	GM_52_B2_G02	GM_52_B2_G02_T7	
	989	GM_52_B2_G02		GM_52_B2_G02_MR
	990	GM_52_B2_G03	GM_52_B2_G03_T7	
	991	GM_52_B2_G03		GM_52_B2_G03_MR
5	992	GM_52_B2_G04	GM_52_B2_G04_T7	
	993	GM_52_B2_G04		GM_52_B2_G04_MR
	994	GM_52_B2_G05	GM_52_B2_G05_T7	
	995	GM_52_B2_G05		GM_52_B2_G05_MR
	996	GM_52_B2_G06	GM_52_B2_G06_T7	
10	997	GM_52_B2_G06		GM_52_B2_G06_MR
	998	GM_52_B2_G07	GM_52_B2_G07_T7	
	999	GM_52_B2_G07		GM_52_B2_G07_MR
	1000	GM_52_B2_G08	GM_52_B2_G08_T7	
	1001	GM_52_B2_G08		GM_52_B2_G08_MR
15	1002	GM_52_B2_G09	GM_52_B2_G09_T7	
	1003	GM_52_B2_G09		GM_52_B2_G09_MR
	1004	GM_52_B2_G10	GM_52_B2_G10_T7	
	1005	GM_52_B2_G10		GM_52_B2_G10_MR
	1006	GM_52_B2_G11	GM_52_B2_G11_T7	
20	1007	GM_52_B2_G11		GM_52_B2_G11_MR
	1008	GM_52_B2_H01	GM_52_B2_H01_T7	
	1009	GM_52_B2_H01		GM_52_B2_H01_MR
	1010	GM_52_B2_H02	GM_52_B2_H02_T7	
	1011	GM_52_B2_H02		GM_52_B2_H02_MR
25	1012	GM_52_B2_H03	GM_52_B2_H03_T7	
	1013	GM_52_B2_H03		GM_52_B2_H03_MR
	1014	GM_52_B2_H04		GM_52_B2_H04_MR
	1015	GM_52_B2_H05	GM_52_B2_H05_T7	
	1016	GM_52_B2_H05		GM_52_B2_H05_MR
30	1017	GM_52_B2_H06	GM_52_B2_H06_T7	
	1018	GM_52_B2_H06		GM_52_B2_H06_MR
	1019	GM_52_B2_H07	GM_52_B2_H07_T7	
	1020	GM_52_B2_H07		GM_52_B2_H07_MR
	1021	GM_52_B2_H08	GM_52_B2_H08_T7	
35	1022	GM_52_B2_H08		GM_52_B2_H08_MR
	1023	GM_52_B2_H09	GM_52_B2_H09_T7	
	1024	GM_52_B2_H09		GM_52_B2_H09_MR
	1025	GM_52_B2_H10	GM_52_B2_H10_T7	
	1026	GM_52_B2_H10		GM_52_B2_H10_MR
40	1027	GM_52_B2_H11	GM_52_B2_H11_T7	
	1028	GM_52_B2_H11		GM_52_B2_H11_MR
	1029	GM_52_B2_H12	GM_52_B2_H12_T7	
	1030	GM_52_B2_H12		GM_52_B2_H12_MR
	1031	GM_53_A1_A01	GM_53_A1_A01_T7	
45	1032	GM_53_A1_A01		GM_53_A1_A01_MR
	1033	GM_53_A1_A02	GM_53_A1_A02_T7	
	1034	GM_53_A1_A02		GM_53_A1_A02_MR
	1035	GM_53_A1_A03	GM_53_A1_A03_T7	
	1036	GM_53_A1_A03		GM_53_A1_A03_MR
50	1037	GM_53_A1_A04		GM_53_A1_A04_MR
	1038	GM_53_A1_A05	GM_53_A1_A05_T7	
	1039	GM_53_A1_A07	GM_53_A1_A07_T7	
	1040	GM_53_A1_A07		GM_53_A1_A07_MR
	1041	GM_53_A1_A09	GM_53_A1_A09_T7	
55	1042	GM_53_A1_A09		GM_53_A1_A09_MR

5	1043	GM_53_A1_A10	GM_53_A1_A10_T7	
	1044	GM_53_A1_A11	GM_53_A1_A11_T7	
	1045	GM_53_A1_A11		GM_53_A1_A11_MR
	1046	GM_53_A1_A12	GM_53_A1_A12_T7	
	1047	GM_53_A1_A12		GM_53_A1_A12_MR
10	1048	GM_53_A1_B02	GM_53_A1_B02_T7	
	1049	GM_53_A1_B02		GM_53_A1_B02_MR
	1050	GM_53_A1_B03	GM_53_A1_B03_T7	
	1051	GM_53_A1_B03		GM_53_A1_B03_MR
	1052	GM_53_A1_B04	GM_53_A1_B04_T7	
15	1053	GM_53_A1_B04		GM_53_A1_B04_MR
	1054	GM_53_A1_B05	GM_53_A1_B05_T7	
	1055	GM_53_A1_B05		GM_53_A1_B05_MR
	1056	GM_53_A1_B06		GM_53_A1_B06_MR
	1057	GM_53_A1_B07	GM_53_A1_B07_T7	
20	1058	GM_53_A1_B08	GM_53_A1_B08_T7	
	1059	GM_53_A1_B08		GM_53_A1_B08_MR
	1060	GM_53_A1_B09	GM_53_A1_B09_T7	
	1061	GM_53_A1_B09		GM_53_A1_B09_MR
	1062	GM_53_A1_B10	GM_53_A1_B10_T7	
25	1063	GM_53_A1_B10		GM_53_A1_B10_MR
	1064	GM_53_A1_B11	GM_53_A1_B11_T7	
	1065	GM_53_A1_B11		GM_53_A1_B11_MR
	1066	GM_53_A1_B12	GM_53_A1_B12_T7	
	1067	GM_53_A1_B12		GM_53_A1_B12_MR
30	1068	GM_53_A1_C01	GM_53_A1_C01_T7	
	1069	GM_53_A1_C01		GM_53_A1_C01_MR
	1070	GM_53_A1_C02	GM_53_A1_C02_T7	
	1071	GM_53_A1_C03	GM_53_A1_C03_T7	
	1072	GM_53_A1_C04	GM_53_A1_C04_T7	
35	1073	GM_53_A1_C04		GM_53_A1_C04_MR
	1074	GM_53_A1_C05	GM_53_A1_C05_T7	
	1075	GM_53_A1_C05		GM_53_A1_C05_MR
	1076	GM_53_A1_C06	GM_53_A1_C06_T7	
	1077	GM_53_A1_C06		GM_53_A1_C06_MR
40	1078	GM_53_A1_C07	GM_53_A1_C07_T7	
	1079	GM_53_A1_C08	GM_53_A1_C08_T7	
	1080	GM_53_A1_C09	GM_53_A1_C09_T7	
	1081	GM_53_A1_C09		GM_53_A1_C09_MR
	1082	GM_53_A1_C10	GM_53_A1_C10_T7	
45	1083	GM_53_A1_C11	GM_53_A1_C11_T7	
	1084	GM_53_A1_C12	GM_53_A1_C12_T7	
	1085	GM_53_A1_C12		GM_53_A1_C12_MR
	1086	GM_53_A1_D01	GM_53_A1_D01_T7	
	1087	GM_53_A1_D01		GM_53_A1_D01_MR
50	1088	GM_53_A1_D02	GM_53_A1_D02_T7	
	1089	GM_53_A1_D03	GM_53_A1_D03_T7	
	1090	GM_53_A1_D03		GM_53_A1_D03_MR
	1091	GM_53_A1_D04	GM_53_A1_D04_T7	
	1092	GM_53_A1_D04		GM_53_A1_D04_MR
55	1093	GM_53_A1_D05	GM_53_A1_D05_T7	
	1094	GM_53_A1_D05		GM_53_A1_D05_MR
	1095	GM_53_A1_D07	GM_53_A1_D07_T7	
	1096	GM_53_A1_D07		GM_53_A1_D07_MR
	1097	GM_53_A1_D08	GM_53_A1_D08_T7	

	1098	GM_53_A1_D08		GM_53_A1_D08_MR
	1099	GM_53_A1_D09	GM_53_A1_D09_T7	
	1100	GM_53_A1_D09		GM_53_A1_D09_MR
	1101	GM_53_A1_D10	GM_53_A1_D10_T7	
5	1102	GM_53_A1_D10		GM_53_A1_D10_MR
	1103	GM_53_A1_D11	GM_53_A1_D11_T7	
	1104	GM_53_A1_D11		GM_53_A1_D11_MR
	1105	GM_53_A1_D12	GM_53_A1_D12_T7	
	1106	GM_53_A1_D12		GM_53_A1_D12_MR
10	1107	GM_53_A1_E01	GM_53_A1_E01_T7	
	1108	GM_53_A1_E01		GM_53_A1_E01_MR
	1109	GM_53_A1_E03	GM_53_A1_E03_T7	
	1110	GM_53_A1_E03		GM_53_A1_E03_MR
	1111	GM_53_A1_E04		GM_53_A1_E04_MR
15	1112	GM_53_A1_E05	GM_53_A1_E05_T7	
	1113	GM_53_A1_E06		GM_53_A1_E06_MR
	1114	GM_53_A1_E07	GM_53_A1_E07_T7	
	1115	GM_53_A1_E07		GM_53_A1_E07_MR
	1116	GM_53_A1_E08	GM_53_A1_E08_T7	
20	1117	GM_53_A1_E08		GM_53_A1_E08_MR
	1118	GM_53_A1_E10	GM_53_A1_E10_T7	
	1119	GM_53_A1_E10		GM_53_A1_E10_MR
	1120	GM_53_A1_E11	GM_53_A1_E11_T7	
	1121	GM_53_A1_E11		GM_53_A1_E11_MR
25	1122	GM_53_A1_F01	GM_53_A1_F01_T7	
	1123	GM_53_A1_F01		GM_53_A1_F01_MR
	1124	GM_53_A1_F02	GM_53_A1_F02_T7	
	1125	GM_53_A1_F02		GM_53_A1_F02_MR
	1126	GM_53_A1_F04	GM_53_A1_F04_T7	
30	1127	GM_53_A1_F04		GM_53_A1_F04_MR
	1128	GM_53_A1_F05		GM_53_A1_F05_MR
	1129	GM_53_A1_F06		GM_53_A1_F06_MR
	1130	GM_53_A1_F07	GM_53_A1_F07_T7	
	1131	GM_53_A1_F07		GM_53_A1_F07_MR
35	1132	GM_53_A1_F08	GM_53_A1_F08_T7	
	1133	GM_53_A1_F08		GM_53_A1_F08_MR
	1134	GM_53_A1_F09	GM_53_A1_F09_T7	
	1135	GM_53_A1_F09		GM_53_A1_F09_MR
	1136	GM_53_A1_F10	GM_53_A1_F10_T7	
40	1137	GM_53_A1_F10		GM_53_A1_F10_MR
	1138	GM_53_A1_F11	GM_53_A1_F11_T7	
	1139	GM_53_A1_F11		GM_53_A1_F11_MR
	1140	GM_53_A1_F12	GM_53_A1_F12_T7	
	1141	GM_53_A1_F12		GM_53_A1_F12_MR
45	1142	GM_53_A1_G01	GM_53_A1_G01_T7	
	1143	GM_53_A1_G01		GM_53_A1_G01_MR
	1144	GM_53_A1_G02	GM_53_A1_G02_T7	
	1145	GM_53_A1_G02		GM_53_A1_G02_MR
	1146	GM_53_A1_G03	GM_53_A1_G03_T7	
50	1147	GM_53_A1_G03		GM_53_A1_G03_MR
	1148	GM_53_A1_G04		GM_53_A1_G04_MR
	1149	GM_53_A1_G05	GM_53_A1_G05_T7	
	1150	GM_53_A1_G05		GM_53_A1_G05_MR
	1151	GM_53_A1_G06	GM_53_A1_G06_T7	
55	1152	GM_53_A1_G06		GM_53_A1_G06_MR

5	1153	GM_53_A1_G07	GM_53_A1_G07_T7	GM_53_A1_G07_MR
	1154	GM_53_A1_G07		
	1155	GM_53_A1_G08	GM_53_A1_G08_T7	GM_53_A1_G08_MR
	1156	GM_53_A1_G08		
	1157	GM_53_A1_G09	GM_53_A1_G09_T7	GM_53_A1_G09_MR
10	1158	GM_53_A1_G09		
	1159	GM_53_A1_G10	GM_53_A1_G10_T7	
	1160	GM_53_A1_G11	GM_53_A1_G11_T7	GM_53_A1_G11_MR
	1161	GM_53_A1_G11		
	1162	GM_53_A1_G12	GM_53_A1_G12_T7	GM_53_A1_G12_MR
15	1163	GM_53_A1_G12		GM_53_A1_H01_MR
	1164	GM_53_A1_H01		
	1165	GM_53_A1_H02	GM_53_A1_H02_T7	GM_53_A1_H02_MR
	1166	GM_53_A1_H02		
	1167	GM_53_A1_H03	GM_53_A1_H03_T7	GM_53_A1_H03_MR
20	1168	GM_53_A1_H03		
	1169	GM_53_A1_H04	GM_53_A1_H04_T7	GM_53_A1_H04_MR
	1170	GM_53_A1_H04		
	1171	GM_53_A1_H05	GM_53_A1_H05_T7	GM_53_A1_H06_MR
	1172	GM_53_A1_H06		
25	1173	GM_53_A1_H07	GM_53_A1_H07_T7	GM_53_A1_H07_MR
	1174	GM_53_A1_H07		
	1175	GM_53_A1_H08	GM_53_A1_H08_T7	
	1176	GM_53_A1_H09	GM_53_A1_H09_T7	GM_53_A1_H09_MR
	1177	GM_53_A1_H09		
30	1178	GM_53_A1_H10	GM_53_A1_H10_T7	GM_53_A1_H10_MR
	1179	GM_53_A1_H10		GM_53_A1_H11_MR
	1180	GM_53_A1_H11		
	1181	GM_53_A1_H12	GM_53_A1_H12_T7	GM_53_A1_H12_MR
	1182	GM_53_A1_H12		
35	1183	GM_53_B1_A03	GM_53_B1_A03_T7	GM_53_B1_A03_MR
	1184	GM_53_B1_A03		
	1185	GM_53_B1_A04	GM_53_B1_A04_T7	GM_53_B1_A04_MR
	1186	GM_53_B1_A04		
	1187	GM_53_B1_A05	GM_53_B1_A05_T7	GM_53_B1_A05_MR
40	1188	GM_53_B1_A05		
	1189	GM_53_B1_A07	GM_53_B1_A07_T7	GM_53_B1_A07_MR
	1190	GM_53_B1_A07		
	1191	GM_53_B1_A08	GM_53_B1_A08_T7	GM_53_B1_A08_MR
	1192	GM_53_B1_A08		
45	1193	GM_53_B1_A09	GM_53_B1_A09_T7	
	1194	GM_53_B1_A10	GM_53_B1_A10_T7	GM_53_B1_A10_MR
	1195	GM_53_B1_A10		GM_53_B1_A11_MR
	1196	GM_53_B1_A11		GM_53_B1_A12_MR
	1197	GM_53_B1_A12		
50	1198	GM_53_B1_B01	GM_53_B1_B01_T7	
	1199	GM_53_B1_B02	GM_53_B1_B02_T7	GM_53_B1_B02_MR
	1200	GM_53_B1_B02		
	1201	GM_53_B1_B03	GM_53_B1_B03_T7	GM_53_B1_B03_MR
	1202	GM_53_B1_B03		
55	1203	GM_53_B1_B04	GM_53_B1_B04_T7	GM_53_B1_B04_MR
	1204	GM_53_B1_B04		
	1205	GM_53_B1_B05	GM_53_B1_B05_T7	GM_53_B1_B05_MR
	1206	GM_53_B1_B05		GM_53_B1_B06_MR
	1207	GM_53_B1_B06		

	1208	GM_53_B1_B07	GM_53_B1_B07_T7	
	1209	GM_53_B1_B07		GM_53_B1_B07_MR
	1210	GM_53_B1_B08	GM_53_B1_B08_T7	
	1211	GM_53_B1_B08		GM_53_B1_B08_MR
5	1212	GM_53_B1_B09		GM_53_B1_B09_MR
	1213	GM_53_B1_B10	GM_53_B1_B10_T7	
	1214	GM_53_B1_B10		GM_53_B1_B10_MR
	1215	GM_53_B1_B11	GM_53_B1_B11_T7	
	1216	GM_53_B1_B11		GM_53_B1_B11_MR
10	1217	GM_53_B1_B12	GM_53_B1_B12_T7	
	1218	GM_53_B1_B12		GM_53_B1_B12_MR
	1219	GM_53_B1_C01	GM_53_B1_C01_T7	
	1220	GM_53_B1_C01		GM_53_B1_C01_MR
	1221	GM_53_B1_C02	GM_53_B1_C02_T7	
15	1222	GM_53_B1_C02		GM_53_B1_C02_MR
	1223	GM_53_B1_C03	GM_53_B1_C03_T7	
	1224	GM_53_B1_C03		GM_53_B1_C03_MR
	1225	GM_53_B1_C04	GM_53_B1_C04_T7	
	1226	GM_53_B1_C04		GM_53_B1_C04_MR
20	1227	GM_53_B1_C05	GM_53_B1_C05_T7	
	1228	GM_53_B1_C05		GM_53_B1_C05_MR
	1229	GM_53_B1_C06	GM_53_B1_C06_T7	
	1230	GM_53_B1_C07	GM_53_B1_C07_T7	
	1231	GM_53_B1_C07		GM_53_B1_C07_MR
25	1232	GM_53_B1_C08	GM_53_B1_C08_T7	
	1233	GM_53_B1_C08		GM_53_B1_C08_MR
	1234	GM_53_B1_C09	GM_53_B1_C09_T7	
	1235	GM_53_B1_C09		GM_53_B1_C09_MR
	1236	GM_53_B1_C10	GM_53_B1_C10_T7	
30	1237	GM_53_B1_C10		GM_53_B1_C10_MR
	1238	GM_53_B1_C11		GM_53_B1_C11_MR
	1239	GM_53_B1_C12		GM_53_B1_C12_MR
	1240	GM_53_B1_D01		GM_53_B1_D01_MR
	1241	GM_53_B1_D02	GM_53_B1_D02_T7	
35	1242	GM_53_B1_D02		GM_53_B1_D02_MR
	1243	GM_53_B1_D03	GM_53_B1_D03_T7	
	1244	GM_53_B1_D03		GM_53_B1_D03_MR
	1245	GM_53_B1_D05	GM_53_B1_D05_T7	
	1246	GM_53_B1_D05		GM_53_B1_D05_MR
40	1247	GM_53_B1_D06	GM_53_B1_D06_T7	
	1248	GM_53_B1_D06		GM_53_B1_D06_MR
	1249	GM_53_B1_D09	GM_53_B1_D09_T7	
	1250	GM_53_B1_D09		GM_53_B1_D09_MR
	1251	GM_53_B1_D10	GM_53_B1_D10_T7	
45	1252	GM_53_B1_D10		GM_53_B1_D10_MR
	1253	GM_53_B1_D12		GM_53_B1_D12_MR
	1254	GM_53_B1_E01		GM_53_B1_E01_MR
	1255	GM_53_B1_E02		GM_53_B1_E02_MR
	1256	GM_53_B1_E03	GM_53_B1_E03_T7	
50	1257	GM_53_B1_E03		GM_53_B1_E03_MR
	1258	GM_53_B1_E04	GM_53_B1_E04_T7	
	1259	GM_53_B1_E04		GM_53_B1_E04_MR
	1260	GM_53_B1_E05	GM_53_B1_E05_T7	
	1261	GM_53_B1_E05		GM_53_B1_E05_MR
55	1262	GM_53_B1_E06	GM_53_B1_E06_T7	

	1263	GM_53_B1_E06		GM_53_B1_E06_MR
	1264	GM_53_B1_E07	GM_53_B1_E07_T7	
	1265	GM_53_B1_E07		GM_53_B1_E07_MR
	1266	GM_53_B1_E08		GM_53_B1_E08_MR
5	1267	GM_53_B1_E09	GM_53_B1_E09_T7	
	1268	GM_53_B1_E09		GM_53_B1_E09_MR
	1269	GM_53_B1_E10	GM_53_B1_E10_T7	
	1270	GM_53_B1_E10		GM_53_B1_E10_MR
	1271	GM_53_B1_E11	GM_53_B1_E11_T7	
10	1272	GM_53_B1_E11		GM_53_B1_E11_MR
	1273	GM_53_B1_E12		GM_53_B1_E12_MR
	1274	GM_53_B1_F01	GM_53_B1_F01_T7	
	1275	GM_53_B1_F01		GM_53_B1_F01_MR
	1276	GM_53_B1_F02	GM_53_B1_F02_T7	
15	1277	GM_53_B1_F02		GM_53_B1_F02_MR
	1278	GM_53_B1_F03	GM_53_B1_F03_T7	
	1279	GM_53_B1_F04	GM_53_B1_F04_T7	
	1280	GM_53_B1_F04		GM_53_B1_F04_MR
	1281	GM_53_B1_F05	GM_53_B1_F05_T7	
20	1282	GM_53_B1_F05		GM_53_B1_F05_MR
	1283	GM_53_B1_F06	GM_53_B1_F06_T7	
	1284	GM_53_B1_F06		GM_53_B1_F06_MR
	1285	GM_53_B1_F07	GM_53_B1_F07_T7	
	1286	GM_53_B1_F07		GM_53_B1_F07_MR
25	1287	GM_53_B1_F08	GM_53_B1_F08_T7	
	1288	GM_53_B1_F08		GM_53_B1_F08_MR
	1289	GM_53_B1_F09		GM_53_B1_F09_MR
	1290	GM_53_B1_F10	GM_53_B1_F10_T7	
	1291	GM_53_B1_F10		GM_53_B1_F10_MR
30	1292	GM_53_B1_F11		GM_53_B1_F11_MR
	1293	GM_53_B1_F12		GM_53_B1_F12_MR
	1294	GM_53_B1_G01	GM_53_B1_G01_T7	
	1295	GM_53_B1_G01		GM_53_B1_G01_MR
	1296	GM_53_B1_G02	GM_53_B1_G02_T7	
35	1297	GM_53_B1_G02		GM_53_B1_G02_MR
	1298	GM_53_B1_G03	GM_53_B1_G03_T7	
	1299	GM_53_B1_G04	GM_53_B1_G04_T7	
	1300	GM_53_B1_G05	GM_53_B1_G05_T7	
	1301	GM_53_B1_G06	GM_53_B1_G06_T7	
40	1302	GM_53_B1_G06		GM_53_B1_G06_MR
	1303	GM_53_B1_G07	GM_53_B1_G07_T7	
	1304	GM_53_B1_G07		GM_53_B1_G07_MR
	1305	GM_53_B1_G08	GM_53_B1_G08_T7	
	1306	GM_53_B1_G08		GM_53_B1_G08_MR
45	1307	GM_53_B1_G09	GM_53_B1_G09_T7	
	1308	GM_53_B1_G09		GM_53_B1_G09_MR
	1309	GM_53_B1_G10	GM_53_B1_G10_T7	
	1310	GM_53_B1_G10		GM_53_B1_G10_MR
	1311	GM_53_B1_G11	GM_53_B1_G11_T7	
50	1312	GM_53_B1_G11		GM_53_B1_G11_MR
	1313	GM_53_B1_G12	GM_53_B1_G12_T7	
	1314	GM_53_B1_G12		GM_53_B1_G12_MR
	1315	GM_53_B1_H01		GM_53_B1_H01_MR
	1316	GM_53_B1_H02	GM_53_B1_H02_T7	
55	1317	GM_53_B1_H03	GM_53_B1_H03_T7	

	1318	GM_53_B1_H03		GM_53_B1_H03_MR
	1319	GM_53_B1_H04	GM_53_B1_H04_T7	
	1320	GM_53_B1_H04		GM_53_B1_H04_MR
	1321	GM_53_B1_H05		GM_53_B1_H05_MR
5	1322	GM_53_B1_H06	GM_53_B1_H06_T7	
	1323	GM_53_B1_H06		GM_53_B1_H06_MR
	1324	GM_53_B1_H07	GM_53_B1_H07_T7	
	1325	GM_53_B1_H07		GM_53_B1_H07_MR
	1326	GM_53_B1_H08		GM_53_B1_H08_MR
10	1327	GM_53_B1_H10	GM_53_B1_H10_T7	
	1328	GM_53_B1_H10		GM_53_B1_H10_MR
	1329	GM_53_B2_A01	GM_53_B2_A01_T7	
	1330	GM_53_B2_A01		GM_53_B2_A01_MR
	1331	GM_53_B2_A02	GM_53_B2_A02_T7	
15	1332	GM_53_B2_A02		GM_53_B2_A02_MR
	1333	GM_53_B2_A03	GM_53_B2_A03_T7	
	1334	GM_53_B2_A03		GM_53_B2_A03_MR
	1335	GM_53_B2_A04	GM_53_B2_A04_T7	
	1336	GM_53_B2_A04		GM_53_B2_A04_MR
20	1337	GM_53_B2_A05		GM_53_B2_A05_MR
	1338	GM_53_B2_A06	GM_53_B2_A06_T7	
	1339	GM_53_B2_A07	GM_53_B2_A07_T7	
	1340	GM_53_B2_A07		GM_53_B2_A07_MR
	1341	GM_53_B2_A08	GM_53_B2_A08_T7	
25	1342	GM_53_B2_A08		GM_53_B2_A08_MR
	1343	GM_53_B2_A09	GM_53_B2_A09_T7	
	1344	GM_53_B2_A09		GM_53_B2_A09_MR
	1345	GM_53_B2_A10	GM_53_B2_A10_T7	
	1346	GM_53_B2_A10		GM_53_B2_A10_MR
30	1347	GM_53_B2_A11		GM_53_B2_A11_MR
	1348	GM_53_B2_A12	GM_53_B2_A12_T7	
	1349	GM_53_B2_A12		GM_53_B2_A12_MR
	1350	GM_53_B2_B01	GM_53_B2_B01_T7	
	1351	GM_53_B2_B01		GM_53_B2_B01_MR
35	1352	GM_53_B2_B02	GM_53_B2_B02_T7	
	1353	GM_53_B2_B02		GM_53_B2_B02_MR
	1354	GM_53_B2_B03	GM_53_B2_B03_T7	
	1355	GM_53_B2_B03		GM_53_B2_B03_MR
	1356	GM_53_B2_B04	GM_53_B2_B04_T7	
40	1357	GM_53_B2_B05	GM_53_B2_B05_T7	
	1358	GM_53_B2_B05		GM_53_B2_B05_MR
	1359	GM_53_B2_B06	GM_53_B2_B06_T7	
	1360	GM_53_B2_B06		GM_53_B2_B06_MR
	1361	GM_53_B2_B07	GM_53_B2_B07_T7	
45	1362	GM_53_B2_B07		GM_53_B2_B07_MR
	1363	GM_53_B2_B08	GM_53_B2_B08_T7	
	1364	GM_53_B2_B08		GM_53_B2_B08_MR
	1365	GM_53_B2_B09	GM_53_B2_B09_T7	
	1366	GM_53_B2_B09		GM_53_B2_B09_MR
50	1367	GM_53_B2_B10	GM_53_B2_B10_T7	
	1368	GM_53_B2_B10		GM_53_B2_B10_MR
	1369	GM_53_B2_B11	GM_53_B2_B11_T7	
	1370	GM_53_B2_B11		GM_53_B2_B11_MR
	1371	GM_53_B2_B12	GM_53_B2_B12_T7	
55	1372	GM_53_B2_B12		GM_53_B2_B12_MR

5	1373	GM_53_B2_C01	GM_53_B2_C01_T7	GM_53_B2_C01_MR
	1374	GM_53_B2_C01		
	1375	GM_53_B2_C02	GM_53_B2_C02_T7	GM_53_B2_C02_MR
	1376	GM_53_B2_C02		GM_53_B2_C03_MR
	1377	GM_53_B2_C03		GM_53_B2_C04_MR
10	1378	GM_53_B2_C04		GM_53_B2_C05_MR
	1379	GM_53_B2_C05		
	1380	GM_53_B2_C06	GM_53_B2_C06_T7	GM_53_B2_C06_MR
	1381	GM_53_B2_C06		
	1382	GM_53_B2_C07	GM_53_B2_C07_T7	GM_53_B2_C07_MR
15	1383	GM_53_B2_C07		
	1384	GM_53_B2_C08	GM_53_B2_C08_T7	GM_53_B2_C08_MR
	1385	GM_53_B2_C08		
	1386	GM_53_B2_C09	GM_53_B2_C09_T7	GM_53_B2_C09_MR
	1387	GM_53_B2_C09		
20	1388	GM_53_B2_C10	GM_53_B2_C10_T7	GM_53_B2_C10_MR
	1389	GM_53_B2_C10		GM_53_B2_C11_MR
	1390	GM_53_B2_C11		
	1391	GM_53_B2_C12	GM_53_B2_C12_T7	GM_53_B2_C12_MR
	1392	GM_53_B2_C12		
25	1393	GM_53_B2_D01	GM_53_B2_D01_T7	GM_53_B2_D01_MR
	1394	GM_53_B2_D01		
	1395	GM_53_B2_D02	GM_53_B2_D02_T7	GM_53_B2_D02_MR
	1396	GM_53_B2_D02		
	1397	GM_53_B2_D03	GM_53_B2_D03_T7	GM_53_B2_D03_MR
30	1398	GM_53_B2_D03		
	1399	GM_53_B2_D05	GM_53_B2_D05_T7	
	1400	GM_53_B2_D06	GM_53_B2_D06_T7	GM_53_B2_D06_MR
	1401	GM_53_B2_D06		
	1402	GM_53_B2_D07	GM_53_B2_D07_T7	GM_53_B2_D09_MR
35	1403	GM_53_B2_D09		
	1404	GM_53_B2_D10	GM_53_B2_D10_T7	GM_53_B2_D10_MR
	1405	GM_53_B2_D10		
	1406	GM_53_B2_D11	GM_53_B2_D11_T7	GM_53_B2_D11_MR
	1407	GM_53_B2_D11		
40	1408	GM_53_B2_D12	GM_53_B2_D12_T7	GM_53_B2_D12_MR
	1409	GM_53_B2_D12		
	1410	GM_53_B2_E01	GM_53_B2_E01_T7	GM_53_B2_E01_MR
	1411	GM_53_B2_E01		
	1412	GM_53_B2_E02	GM_53_B2_E02_T7	GM_53_B2_E02_MR
45	1413	GM_53_B2_E02		GM_53_B2_E03_MR
	1414	GM_53_B2_E03		GM_53_B2_E04_MR
	1415	GM_53_B2_E04		
	1416	GM_53_B2_E05	GM_53_B2_E05_T7	GM_53_B2_E05_MR
	1417	GM_53_B2_E05		
50	1418	GM_53_B2_E06	GM_53_B2_E06_T7	GM_53_B2_E06_MR
	1419	GM_53_B2_E06		
	1420	GM_53_B2_E07	GM_53_B2_E07_T7	GM_53_B2_E07_MR
	1421	GM_53_B2_E07		
	1422	GM_53_B2_E08	GM_53_B2_E08_T7	GM_53_B2_E08_MR
55	1423	GM_53_B2_E08		
	1424	GM_53_B2_E09	GM_53_B2_E09_T7	GM_53_B2_E09_MR
	1425	GM_53_B2_E09		
	1426	GM_53_B2_E10	GM_53_B2_E10_T7	GM_53_B2_E10_MR
	1427	GM_53_B2_E10		

	1483	GM_53_B2_H06		GM_53_B2_H06_MR
	1484	GM_53_B2_H07	GM_53_B2_H07_T7	
	1485	GM_53_B2_H07		GM_53_B2_H07_MR
	1486	GM_53_B2_H08	GM_53_B2_H08_T7	
5	1487	GM_53_B2_H08		GM_53_B2_H08_MR
	1488	GM_53_B2_H09	GM_53_B2_H09_T7	
	1489	GM_53_B2_H09		GM_53_B2_H09_MR
	1490	GM_53_B2_H10	GM_53_B2_H10_T7	
	1491	GM_53_B2_H10		GM_53_B2_H10_MR
10	1492	GM_53_B2_H11	GM_53_B2_H11_T7	
	1493	GM_53_B2_H11		GM_53_B2_H11_MR
	1494	GM_53_B2_H12	GM_53_B2_H12_T7	
	1495	GM_53_B2_H12		GM_53_B2_H12_MR
	1496	GM_54_A1_A01		GM_54_A1_A01_MR
15	1497	GM_54_A1_A02		GM_54_A1_A02_MR
	1498	GM_54_A1_A03		GM_54_A1_A03_MR
	1499	GM_54_A1_A04		GM_54_A1_A04_MR
	1500	GM_54_A1_A05		GM_54_A1_A05_MR
	1501	GM_54_A1_A06		GM_54_A1_A06_MR
20	1502	GM_54_A1_A07	GM_54_A1_A07_T7	
	1503	GM_54_A1_A07		GM_54_A1_A07_MR
	1504	GM_54_A1_A08		GM_54_A1_A08_MR
	1505	GM_54_A1_A09	GM_54_A1_A09_T7	
	1506	GM_54_A1_A09		GM_54_A1_A09_MR
25	1507	GM_54_A1_A10		GM_54_A1_A10_MR
	1508	GM_54_A1_A11		GM_54_A1_A11_MR
	1509	GM_54_A1_A12		GM_54_A1_A12_MR
	1510	GM_54_A1_B01		GM_54_A1_B01_MR
	1511	GM_54_A1_B02		GM_54_A1_B02_MR
30	1512	GM_54_A1_B03	GM_54_A1_B03_T7	
	1513	GM_54_A1_B03		GM_54_A1_B03_MR
	1514	GM_54_A1_B04		GM_54_A1_B04_MR
	1515	GM_54_A1_B05		GM_54_A1_B05_MR
	1516	GM_54_A1_B06		GM_54_A1_B06_MR
35	1517	GM_54_A1_B08		GM_54_A1_B08_MR
	1518	GM_54_A1_B09	GM_54_A1_B09_T7	
	1519	GM_54_A1_B09		GM_54_A1_B09_MR
	1520	GM_54_A1_B10		GM_54_A1_B10_MR
	1521	GM_54_A1_B11		GM_54_A1_B11_MR
40	1522	GM_54_A1_B12		GM_54_A1_B12_MR
	1523	GM_54_A1_C01		GM_54_A1_C01_MR
	1524	GM_54_A1_C02		GM_54_A1_C02_MR
	1525	GM_54_A1_C03		GM_54_A1_C03_MR
	1526	GM_54_A1_C04		GM_54_A1_C04_MR
45	1527	GM_54_A1_C05		GM_54_A1_C05_MR
	1528	GM_54_A1_C06		GM_54_A1_C06_MR
	1529	GM_54_A1_C07		GM_54_A1_C07_MR
	1530	GM_54_A1_C08	GM_54_A1_C08_T7	
	1531	GM_54_A1_C08		GM_54_A1_C08_MR
50	1532	GM_54_A1_C09	GM_54_A1_C09_T7	
	1533	GM_54_A1_C09		GM_54_A1_C09_MR
	1534	GM_54_A1_C11		GM_54_A1_C11_MR
	1535	GM_54_A1_C12		GM_54_A1_C12_MR
	1536	GM_54_A1_D01		GM_54_A1_D01_MR
55	1537	GM_54_A1_D02		GM_54_A1_D02_MR

5	1538	GM_54_A1_D03	GM_54_A1_D03_T7	GM_54_A1_D03_MR
	1539	GM_54_A1_D03		
	1540	GM_54_A1_D04	GM_54_A1_D04_T7	GM_54_A1_D04_MR
	1541	GM_54_A1_D04		GM_54_A1_D05_MR
	1542	GM_54_A1_D05		GM_54_A1_D06_MR
10	1543	GM_54_A1_D06		GM_54_A1_D07_MR
	1544	GM_54_A1_D07		
	1545	GM_54_A1_D08	GM_54_A1_D08_T7	GM_54_A1_D08_MR
	1546	GM_54_A1_D08		
	1547	GM_54_A1_D09	GM_54_A1_D09_T7	GM_54_A1_D09_MR
15	1548	GM_54_A1_D09		GM_54_A1_D10_MR
	1549	GM_54_A1_D10		GM_54_A1_D11_MR
	1550	GM_54_A1_D11		GM_54_A1_D12_MR
	1551	GM_54_A1_D12		GM_54_A1_E01_MR
	1552	GM_54_A1_E01		GM_54_A1_E02_MR
20	1553	GM_54_A1_E02		
	1554	GM_54_A1_E03	GM_54_A1_E03_T7	GM_54_A1_E03_MR
	1555	GM_54_A1_E03		GM_54_A1_E04_MR
	1556	GM_54_A1_E04		
	1557	GM_54_A1_E05	GM_54_A1_E05_T7	GM_54_A1_E05_MR
25	1558	GM_54_A1_E05		GM_54_A1_E06_MR
	1559	GM_54_A1_E06		
	1560	GM_54_A1_E07	GM_54_A1_E07_T7	GM_54_A1_E07_MR
	1561	GM_54_A1_E07		GM_54_A1_E08_MR
	1562	GM_54_A1_E08		
30	1563	GM_54_A1_E09	GM_54_A1_E09_T7	GM_54_A1_E09_MR
	1564	GM_54_A1_E09		GM_54_A1_E11_MR
	1565	GM_54_A1_E11		GM_54_A1_E12_MR
	1566	GM_54_A1_E12		GM_54_A1_F01_MR
	1567	GM_54_A1_F01		GM_54_A1_F02_MR
35	1568	GM_54_A1_F02		
	1569	GM_54_A1_F03	GM_54_A1_F03_T7	GM_54_A1_F03_MR
	1570	GM_54_A1_F03		GM_54_A1_F04_MR
	1571	GM_54_A1_F04		
	1572	GM_54_A1_F05	GM_54_A1_F05_T7	GM_54_A1_F05_MR
40	1573	GM_54_A1_F05		GM_54_A1_F06_MR
	1574	GM_54_A1_F06		GM_54_A1_F07_MR
	1575	GM_54_A1_F07		GM_54_A1_F08_MR
	1576	GM_54_A1_F08		
	1577	GM_54_A1_F09	GM_54_A1_F09_T7	GM_54_A1_F09_MR
45	1578	GM_54_A1_F09		
	1579	GM_54_A1_F10	GM_54_A1_F10_T7	GM_54_A1_F10_MR
	1580	GM_54_A1_F10		GM_54_A1_F11_MR
	1581	GM_54_A1_F11		GM_54_A1_F12_MR
	1582	GM_54_A1_F12		GM_54_A1_G01_MR
50	1583	GM_54_A1_G01		GM_54_A1_G02_MR
	1584	GM_54_A1_G02		GM_54_A1_G03_MR
	1585	GM_54_A1_G03		
	1586	GM_54_A1_G04	GM_54_A1_G04_T7	GM_54_A1_G04_MR
	1587	GM_54_A1_G04		GM_54_A1_G06_MR
55	1588	GM_54_A1_G06		
	1589	GM_54_A1_G07	GM_54_A1_G07_T7	GM_54_A1_G07_MR
	1590	GM_54_A1_G07		GM_54_A1_G08_MR
	1591	GM_54_A1_G08		GM_54_A1_G09_MR
	1592	GM_54_A1_G09		

5	1593	GM_54_A1_G10	GM_54_A1_G10_T7	GM_54_A1_G10_MR
	1594	GM_54_A1_G10		GM_54_A1_G11_MR
	1595	GM_54_A1_G11		GM_54_A1_G12_MR
	1596	GM_54_A1_G12		GM_54_A1_H01_MR
	1597	GM_54_A1_H01		GM_54_A1_H02_MR
10	1598	GM_54_A1_H02		GM_54_A1_H03_MR
	1599	GM_54_A1_H03		
	1600	GM_54_A1_H04	GM_54_A1_H04_T7	GM_54_A1_H04_MR
	1601	GM_54_A1_H04		GM_54_A1_H05_MR
	1602	GM_54_A1_H05		GM_54_A1_H06_MR
15	1603	GM_54_A1_H06		GM_54_A1_H07_MR
	1604	GM_54_A1_H07		GM_54_A1_H08_MR
	1605	GM_54_A1_H08		GM_54_A1_H09_MR
	1606	GM_54_A1_H09		GM_54_A1_H11_MR
	1607	GM_54_A1_H11		GM_54_A2_A01_MR
20	1608	GM_54_A2_A01		GM_54_A2_A03_MR
	1609	GM_54_A2_A03		GM_54_A2_A04_MR
	1610	GM_54_A2_A04		GM_54_A2_A05_MR
	1611	GM_54_A2_A05		GM_54_A2_A06_MR
	1612	GM_54_A2_A06		GM_54_A2_A09_MR
25	1613	GM_54_A2_A09		GM_54_A2_A10_MR
	1614	GM_54_A2_A10		GM_54_A2_A11_MR
	1615	GM_54_A2_A11		GM_54_A2_B01_MR
	1616	GM_54_A2_B01		GM_54_A2_B02_MR
	1617	GM_54_A2_B02		GM_54_A2_B04_MR
30	1618	GM_54_A2_B04		GM_54_A2_B05_MR
	1619	GM_54_A2_B05		GM_54_A2_B06_MR
	1620	GM_54_A2_B06		GM_54_A2_B08_MR
	1621	GM_54_A2_B08		GM_54_A2_B10_MR
	1622	GM_54_A2_B10		GM_54_A2_C01_MR
35	1623	GM_54_A2_C01		GM_54_A2_C02_MR
	1624	GM_54_A2_C02		GM_54_A2_C03_MR
	1625	GM_54_A2_C03		GM_54_A2_C04_MR
	1626	GM_54_A2_C04		GM_54_A2_C05_MR
	1627	GM_54_A2_C05		GM_54_A2_C08_MR
40	1628	GM_54_A2_C08		GM_54_A2_C09_MR
	1629	GM_54_A2_C09		GM_54_A2_C10_MR
	1630	GM_54_A2_C10		GM_54_A2_D03_MR
	1631	GM_54_A2_D03		GM_54_A2_D04_MR
	1632	GM_54_A2_D04		GM_54_A2_D06_MR
45	1633	GM_54_A2_D06		GM_54_A2_D07_MR
	1634	GM_54_A2_D07		GM_54_A2_E01_MR
	1635	GM_54_A2_E01		GM_54_A2_E02_MR
	1636	GM_54_A2_E02		GM_54_A2_E03_MR
	1637	GM_54_A2_E03		GM_54_A2_E04_MR
50	1638	GM_54_A2_E04		GM_54_A2_E05_MR
	1639	GM_54_A2_E05		GM_54_A2_E07_MR
	1640	GM_54_A2_E07		GM_54_A2_E08_MR
	1641	GM_54_A2_E08		GM_54_A2_E10_MR
	1642	GM_54_A2_E10		GM_54_A2_E11_MR
55	1643	GM_54_A2_E11		GM_54_A2_E12_MR
	1644	GM_54_A2_E12		GM_54_A2_F01_MR
	1645	GM_54_A2_F01		GM_54_A2_F02_MR
	1646	GM_54_A2_F02		GM_54_A2_F03_MR
	1647	GM_54_A2_F03		

5	1648	GM_54_A2_F04		GM_54_A2_F04_MR
	1649	GM_54_A2_F05		GM_54_A2_F05_MR
	1650	GM_54_A2_F07		GM_54_A2_F07_MR
	1651	GM_54_A2_F08		GM_54_A2_F08_MR
	1652	GM_54_A2_F10		GM_54_A2_F10_MR
10	1653	GM_54_A2_G01		GM_54_A2_G01_MR
	1654	GM_54_A2_G02		GM_54_A2_G02_MR
	1655	GM_54_A2_G03		GM_54_A2_G03_MR
	1656	GM_54_A2_G04		GM_54_A2_G04_MR
	1657	GM_54_A2_G06		GM_54_A2_G06_MR
15	1658	GM_54_A2_G10		GM_54_A2_G10_MR
	1659	GM_54_A2_H01		GM_54_A2_H01_MR
	1660	GM_54_A2_H02		GM_54_A2_H02_MR
	1661	GM_54_A2_H03		GM_54_A2_H03_MR
	1662	GM_54_A2_H04		GM_54_A2_H04_MR
20	1663	GM_54_A2_H06		GM_54_A2_H06_MR
	1664	GM_54_A2_H07		GM_54_A2_H07_MR
	1665	GM_54_A2_H08		GM_54_A2_H08_MR
	1666	GM_54_A2_H09		GM_54_A2_H09_MR
	1667	GM_54_B1_A01	GM_54_B1_A01_T7	GM_54_B1_A01_MR
25	1668	GM_54_B1_A01		
	1669	GM_54_B1_A02	GM_54_B1_A02_T7	GM_54_B1_A02_MR
	1670	GM_54_B1_A02		
	1671	GM_54_B1_A03	GM_54_B1_A03_T7	GM_54_B1_A03_MR
	1672	GM_54_B1_A03		
30	1673	GM_54_B1_A04	GM_54_B1_A04_T7	GM_54_B1_A04_MR
	1674	GM_54_B1_A04		
	1675	GM_54_B1_A05	GM_54_B1_A05_T7	GM_54_B1_A05_MR
	1676	GM_54_B1_A05		
	1677	GM_54_B1_A06	GM_54_B1_A06_T7	GM_54_B1_A06_MR
35	1678	GM_54_B1_A06		
	1679	GM_54_B1_A07	GM_54_B1_A07_T7	GM_54_B1_A07_MR
	1680	GM_54_B1_A07		
	1681	GM_54_B1_A08	GM_54_B1_A08_T7	GM_54_B1_A08_MR
	1682	GM_54_B1_A08		
40	1683	GM_54_B1_A09	GM_54_B1_A09_T7	GM_54_B1_A09_MR
	1684	GM_54_B1_A09		
	1685	GM_54_B1_A10	GM_54_B1_A10_T7	GM_54_B1_A10_MR
	1686	GM_54_B1_A10		
	1687	GM_54_B1_A11	GM_54_B1_A11_T7	
45	1688	GM_54_B1_B01	GM_54_B1_B01_T7	GM_54_B1_B01_MR
	1689	GM_54_B1_B01		
	1690	GM_54_B1_B02	GM_54_B1_B02_T7	GM_54_B1_B02_MR
	1691	GM_54_B1_B02		
	1692	GM_54_B1_B03	GM_54_B1_B03_T7	GM_54_B1_B03_MR
50	1693	GM_54_B1_B03		
	1694	GM_54_B1_B04	GM_54_B1_B04_T7	GM_54_B1_B04_MR
	1695	GM_54_B1_B04		
	1696	GM_54_B1_B05	GM_54_B1_B05_T7	GM_54_B1_B05_MR
	1697	GM_54_B1_B05		GM_54_B1_B06_MR
55	1698	GM_54_B1_B06		
	1699	GM_54_B1_B07	GM_54_B1_B07_T7	GM_54_B1_B07_MR
	1700	GM_54_B1_B07		
	1701	GM_54_B1_B08	GM_54_B1_B08_T7	
	1702	GM_54_B1_B08		GM_54_B1_B08_MR

5	1703	GM_54_B1_B09	GM_54_B1_B09_T7	GM_54_B1_B09_MR
	1704	GM_54_B1_B09		
	1705	GM_54_B1_B10	GM_54_B1_B10_T7	GM_54_B1_B10_MR
	1706	GM_54_B1_B10		
	1707	GM_54_B1_B11	GM_54_B1_B11_T7	GM_54_B1_B11_MR
10	1708	GM_54_B1_B11		
	1709	GM_54_B1_B12	GM_54_B1_B12_T7	GM_54_B1_B12_MR
	1710	GM_54_B1_B12		
	1711	GM_54_B1_C01	GM_54_B1_C01_T7	GM_54_B1_C01_MR
	1712	GM_54_B1_C01		
15	1713	GM_54_B1_C02	GM_54_B1_C02_T7	GM_54_B1_C02_MR
	1714	GM_54_B1_C02		
	1715	GM_54_B1_C03	GM_54_B1_C03_T7	GM_54_B1_C03_MR
	1716	GM_54_B1_C03		
	1717	GM_54_B1_C04	GM_54_B1_C04_T7	GM_54_B1_C04_MR
20	1718	GM_54_B1_C04		
	1719	GM_54_B1_C05	GM_54_B1_C05_T7	GM_54_B1_C05_MR
	1720	GM_54_B1_C05		
	1721	GM_54_B1_C06	GM_54_B1_C06_T7	GM_54_B1_C06_MR
	1722	GM_54_B1_C06		
25	1723	GM_54_B1_C07	GM_54_B1_C07_T7	GM_54_B1_C07_MR
	1724	GM_54_B1_C07		
	1725	GM_54_B1_C08	GM_54_B1_C08_T7	GM_54_B1_C08_MR
	1726	GM_54_B1_C08		
	1727	GM_54_B1_C09	GM_54_B1_C09_T7	GM_54_B1_C09_MR
30	1728	GM_54_B1_C09		
	1729	GM_54_B1_C10	GM_54_B1_C10_T7	GM_54_B1_C10_MR
	1730	GM_54_B1_C10		
	1731	GM_54_B1_C11	GM_54_B1_C11_T7	GM_54_B1_C11_MR
	1732	GM_54_B1_C11		
35	1733	GM_54_B1_C12	GM_54_B1_C12_T7	
	1734	GM_54_B1_D01	GM_54_B1_D01_T7	GM_54_B1_D01_MR
	1735	GM_54_B1_D01		
	1736	GM_54_B1_D02	GM_54_B1_D02_T7	GM_54_B1_D02_MR
	1737	GM_54_B1_D02		
40	1738	GM_54_B1_D03	GM_54_B1_D03_T7	GM_54_B1_D03_MR
	1739	GM_54_B1_D03		
	1740	GM_54_B1_D04	GM_54_B1_D04_T7	GM_54_B1_D04_MR
	1741	GM_54_B1_D04		
	1742	GM_54_B1_D05	GM_54_B1_D05_T7	
45	1743	GM_54_B1_D06	GM_54_B1_D06_T7	GM_54_B1_D06_MR
	1744	GM_54_B1_D06		
	1745	GM_54_B1_D07	GM_54_B1_D07_T7	GM_54_B1_D07_MR
	1746	GM_54_B1_D07		
	1747	GM_54_B1_D08	GM_54_B1_D08_T7	GM_54_B1_D08_MR
50	1748	GM_54_B1_D08		
	1749	GM_54_B1_D09	GM_54_B1_D09_T7	GM_54_B1_D09_MR
	1750	GM_54_B1_D09		
	1751	GM_54_B1_D10	GM_54_B1_D10_T7	GM_54_B1_D10_MR
	1752	GM_54_B1_D10		
55	1753	GM_54_B1_D11	GM_54_B1_D11_T7	GM_54_B1_D11_MR
	1754	GM_54_B1_D11		
	1755	GM_54_B1_D12	GM_54_B1_D12_T7	GM_54_B1_D12_MR
	1756	GM_54_B1_D12		
	1757	GM_54_B1_E01	GM_54_B1_E01_T7	

	1758	GM_54_B1_E01		GM_54_B1_E01_MR
	1759	GM_54_B1_E02	GM_54_B1_E02_T7	
	1760	GM_54_B1_E02		GM_54_B1_E02_MR
	1761	GM_54_B1_E03	GM_54_B1_E03_T7	
5	1762	GM_54_B1_E03		GM_54_B1_E03_MR
	1763	GM_54_B1_E04	GM_54_B1_E04_T7	
	1764	GM_54_B1_E04		GM_54_B1_E04_MR
	1765	GM_54_B1_E05	GM_54_B1_E05_T7	
	1766	GM_54_B1_E05		GM_54_B1_E05_MR
10	1767	GM_54_B1_E06	GM_54_B1_E06_T7	
	1768	GM_54_B1_E06		GM_54_B1_E06_MR
	1769	GM_54_B1_E07	GM_54_B1_E07_T7	
	1770	GM_54_B1_E07		GM_54_B1_E07_MR
	1771	GM_54_B1_E08		GM_54_B1_E08_MR
15	1772	GM_54_B1_E09	GM_54_B1_E09_T7	
	1773	GM_54_B1_E09		GM_54_B1_E09_MR
	1774	GM_54_B1_E11	GM_54_B1_E11_T7	
	1775	GM_54_B1_F01	GM_54_B1_F01_T7	
	1776	GM_54_B1_F01		GM_54_B1_F01_MR
20	1777	GM_54_B1_F02	GM_54_B1_F02_T7	
	1778	GM_54_B1_F02		GM_54_B1_F02_MR
	1779	GM_54_B1_F03	GM_54_B1_F03_T7	
	1780	GM_54_B1_F03		GM_54_B1_F03_MR
	1781	GM_54_B1_F04	GM_54_B1_F04_T7	
25	1782	GM_54_B1_F04		GM_54_B1_F04_MR
	1783	GM_54_B1_F05	GM_54_B1_F05_T7	
	1784	GM_54_B1_F05		GM_54_B1_F05_MR
	1785	GM_54_B1_F06	GM_54_B1_F06_T7	
	1786	GM_54_B1_F06		GM_54_B1_F06_MR
30	1787	GM_54_B1_F07	GM_54_B1_F07_T7	
	1788	GM_54_B1_F07		GM_54_B1_F07_MR
	1789	GM_54_B1_F08	GM_54_B1_F08_T7	
	1790	GM_54_B1_F08		GM_54_B1_F08_MR
	1791	GM_54_B1_F09	GM_54_B1_F09_T7	
35	1792	GM_54_B1_F09		GM_54_B1_F09_MR
	1793	GM_54_B1_F10	GM_54_B1_F10_T7	
	1794	GM_54_B1_F10		GM_54_B1_F10_MR
	1795	GM_54_B1_F11	GM_54_B1_F11_T7	
	1796	GM_54_B1_F11		GM_54_B1_F11_MR
40	1797	GM_54_B1_F12	GM_54_B1_F12_T7	
	1798	GM_54_B1_F12		GM_54_B1_F12_MR
	1799	GM_54_B1_G01	GM_54_B1_G01_T7	
	1800	GM_54_B1_G01		GM_54_B1_G01_MR
	1801	GM_54_B1_G02	GM_54_B1_G02_T7	
45	1802	GM_54_B1_G02		GM_54_B1_G02_MR
	1803	GM_54_B1_G03	GM_54_B1_G03_T7	
	1804	GM_54_B1_G03		GM_54_B1_G03_MR
	1805	GM_54_B1_G06	GM_54_B1_G06_T7	
	1806	GM_54_B1_G06		GM_54_B1_G06_MR
50	1807	GM_54_B1_G07	GM_54_B1_G07_T7	
	1808	GM_54_B1_G07		GM_54_B1_G07_MR
	1809	GM_54_B1_G08	GM_54_B1_G08_T7	
	1810	GM_54_B1_G08		GM_54_B1_G08_MR
	1811	GM_54_B1_G09	GM_54_B1_G09_T7	
55	1812	GM_54_B1_G09		GM_54_B1_G09_MR

5	1813	GM_54_B1_G10	GM_54_B1_G10_T7	GM_54_B1_G10_MR
	1814	GM_54_B1_G10		
	1815	GM_54_B1_G11	GM_54_B1_G11_T7	GM_54_B1_G11_MR
	1816	GM_54_B1_G11		
	1817	GM_54_B1_G12	GM_54_B1_G12_T7	GM_54_B1_G12_MR
10	1818	GM_54_B1_G12		
	1819	GM_54_B1_H01	GM_54_B1_H01_T7	GM_54_B1_H01_MR
	1820	GM_54_B1_H01		
	1821	GM_54_B1_H02	GM_54_B1_H02_T7	GM_54_B1_H02_MR
	1822	GM_54_B1_H02		
15	1823	GM_54_B1_H03	GM_54_B1_H03_T7	GM_54_B1_H03_MR
	1824	GM_54_B1_H03		
	1825	GM_54_B1_H04	GM_54_B1_H04_T7	GM_54_B1_H04_MR
	1826	GM_54_B1_H04		
	1827	GM_54_B1_H05	GM_54_B1_H05_T7	GM_54_B1_H05_MR
20	1828	GM_54_B1_H05		
	1829	GM_54_B1_H06	GM_54_B1_H06_T7	
	1830	GM_54_B1_H07	GM_54_B1_H07_T7	GM_54_B1_H07_MR
	1831	GM_54_B1_H07		
	1832	GM_54_B1_H08	GM_54_B1_H08_T7	GM_54_B1_H08_MR
25	1833	GM_54_B1_H08		
	1834	GM_54_B1_H09	GM_54_B1_H09_T7	GM_54_B1_H09_MR
	1835	GM_54_B1_H09		
	1836	GM_54_B1_H10	GM_54_B1_H10_T7	GM_54_B1_H10_MR
	1837	GM_54_B1_H10		
30	1838	GM_54_B1_H11	GM_54_B1_H11_T7	GM_54_B1_H11_MR
	1839	GM_54_B1_H11		
	1840	GM_54_B2_A01	GM_54_B2_A01_T7	GM_54_B2_A01_MR
	1841	GM_54_B2_A01		
	1842	GM_54_B2_A02	GM_54_B2_A02_T7	GM_54_B2_A02_MR
35	1843	GM_54_B2_A02		
	1844	GM_54_B2_A03	GM_54_B2_A03_T7	GM_54_B2_A03_MR
	1845	GM_54_B2_A03		
	1846	GM_54_B2_A04	GM_54_B2_A04_T7	GM_54_B2_A04_MR
	1847	GM_54_B2_A04		
40	1848	GM_54_B2_A05	GM_54_B2_A05_T7	GM_54_B2_A05_MR
	1849	GM_54_B2_A05		
	1850	GM_54_B2_A06	GM_54_B2_A06_T7	GM_54_B2_A06_MR
	1851	GM_54_B2_A06		
	1852	GM_54_B2_A07	GM_54_B2_A07_T7	GM_54_B2_A07_MR
45	1853	GM_54_B2_A07		
	1854	GM_54_B2_A08	GM_54_B2_A08_T7	GM_54_B2_A08_MR
	1855	GM_54_B2_A08		
	1856	GM_54_B2_A10	GM_54_B2_A10_T7	GM_54_B2_A10_MR
	1857	GM_54_B2_A10		
50	1858	GM_54_B2_A11		GM_54_B2_A11_MR
	1859	GM_54_B2_A12	GM_54_B2_A12_T7	GM_54_B2_A12_MR
	1860	GM_54_B2_A12		
	1861	GM_54_B2_B01	GM_54_B2_B01_T7	GM_54_B2_B01_MR
	1862	GM_54_B2_B01		
55	1863	GM_54_B2_B02	GM_54_B2_B02_T7	GM_54_B2_B02_MR
	1864	GM_54_B2_B02		GM_54_B2_B03_MR
	1865	GM_54_B2_B03		
	1866	GM_54_B2_B04	GM_54_B2_B04_T7	GM_54_B2_B04_MR
	1867	GM_54_B2_B04		

5	1868	GM_54_B2_B05	GM_54_B2_B05_T7	GM_54_B2_B05_MR
	1869	GM_54_B2_B05		
	1870	GM_54_B2_B06	GM_54_B2_B06_T7	GM_54_B2_B06_MR
	1871	GM_54_B2_B06		
	1872	GM_54_B2_B07	GM_54_B2_B07_T7	GM_54_B2_B07_MR
10	1873	GM_54_B2_B07		
	1874	GM_54_B2_B08	GM_54_B2_B08_T7	GM_54_B2_B08_MR
	1875	GM_54_B2_B08		
	1876	GM_54_B2_B09	GM_54_B2_B09_T7	GM_54_B2_B09_MR
	1877	GM_54_B2_B09		
15	1878	GM_54_B2_B10	GM_54_B2_B10_T7	GM_54_B2_B10_MR
	1879	GM_54_B2_B10		
	1880	GM_54_B2_B11	GM_54_B2_B11_T7	
	1881	GM_54_B2_B12	GM_54_B2_B12_T7	
	1882	GM_54_B2_B12		GM_54_B2_B12_MR
20	1883	GM_54_B2_C01	GM_54_B2_C01_T7	GM_54_B2_C01_MR
	1884	GM_54_B2_C01		
	1885	GM_54_B2_C02	GM_54_B2_C02_T7	GM_54_B2_C02_MR
	1886	GM_54_B2_C02		
	1887	GM_54_B2_C03	GM_54_B2_C03_T7	GM_54_B2_C03_MR
25	1888	GM_54_B2_C03		
	1889	GM_54_B2_C04	GM_54_B2_C04_T7	GM_54_B2_C04_MR
	1890	GM_54_B2_C04		
	1891	GM_54_B2_C05	GM_54_B2_C05_T7	GM_54_B2_C05_MR
	1892	GM_54_B2_C05		
30	1893	GM_54_B2_C06	GM_54_B2_C06_T7	GM_54_B2_C06_MR
	1894	GM_54_B2_C06		
	1895	GM_54_B2_C07	GM_54_B2_C07_T7	GM_54_B2_C07_MR
	1896	GM_54_B2_C07		
	1897	GM_54_B2_C08	GM_54_B2_C08_T7	GM_54_B2_C08_MR
35	1898	GM_54_B2_C08		
	1899	GM_54_B2_C09	GM_54_B2_C09_T7	GM_54_B2_C09_MR
	1900	GM_54_B2_C09		
	1901	GM_54_B2_C10	GM_54_B2_C10_T7	GM_54_B2_C10_MR
	1902	GM_54_B2_C10		
40	1903	GM_54_B2_C11	GM_54_B2_C11_T7	GM_54_B2_C11_MR
	1904	GM_54_B2_C11		
	1905	GM_54_B2_C12	GM_54_B2_C12_T7	GM_54_B2_C12_MR
	1906	GM_54_B2_C12		
	1907	GM_54_B2_D01	GM_54_B2_D01_T7	GM_54_B2_D01_MR
45	1908	GM_54_B2_D01		
	1909	GM_54_B2_D02	GM_54_B2_D02_T7	GM_54_B2_D02_MR
	1910	GM_54_B2_D02		
	1911	GM_54_B2_D03	GM_54_B2_D03_T7	GM_54_B2_D03_MR
	1912	GM_54_B2_D03		
50	1913	GM_54_B2_D04	GM_54_B2_D04_T7	GM_54_B2_D04_MR
	1914	GM_54_B2_D04		
	1915	GM_54_B2_D05	GM_54_B2_D05_T7	GM_54_B2_D05_MR
	1916	GM_54_B2_D05		
	1917	GM_54_B2_D06	GM_54_B2_D06_T7	GM_54_B2_D06_MR
55	1918	GM_54_B2_D06		
	1919	GM_54_B2_D07	GM_54_B2_D07_T7	GM_54_B2_D07_MR
	1920	GM_54_B2_D07		
	1921	GM_54_B2_D08	GM_54_B2_D08_T7	GM_54_B2_D08_MR
	1922	GM_54_B2_D08		

	1923	GM_54_B2_D09	GM_54_B2_D09_T7	
	1924	GM_54_B2_D09		GM_54_B2_D09_MR
	1925	GM_54_B2_D10	GM_54_B2_D10_T7	
	1926	GM_54_B2_D10		GM_54_B2_D10_MR
5	1927	GM_54_B2_D11	GM_54_B2_D11_T7	
	1928	GM_54_B2_D12	GM_54_B2_D12_T7	
	1929	GM_54_B2_D12		GM_54_B2_D12_MR
	1930	GM_54_B2_E01	GM_54_B2_E01_T7	
	1931	GM_54_B2_E02	GM_54_B2_E02_T7	
10	1932	GM_54_B2_E02		GM_54_B2_E02_MR
	1933	GM_54_B2_E03	GM_54_B2_E03_T7	
	1934	GM_54_B2_E03		GM_54_B2_E03_MR
	1935	GM_54_B2_E05	GM_54_B2_E05_T7	
	1936	GM_54_B2_E05		GM_54_B2_E05_MR
15	1937	GM_54_B2_E06	GM_54_B2_E06_T7	
	1938	GM_54_B2_E06		GM_54_B2_E06_MR
	1939	GM_54_B2_E07	GM_54_B2_E07_T7	
	1940	GM_54_B2_E07		GM_54_B2_E07_MR
	1941	GM_54_B2_E08	GM_54_B2_E08_T7	
20	1942	GM_54_B2_E08		GM_54_B2_E08_MR
	1943	GM_54_B2_E09	GM_54_B2_E09_T7	
	1944	GM_54_B2_E09		GM_54_B2_E09_MR
	1945	GM_54_B2_E10	GM_54_B2_E10_T7	
	1946	GM_54_B2_E10		GM_54_B2_E10_MR
25	1947	GM_54_B2_E11	GM_54_B2_E11_T7	
	1948	GM_54_B2_E11		GM_54_B2_E11_MR
	1949	GM_54_B2_E12	GM_54_B2_E12_T7	
	1950	GM_54_B2_E12		GM_54_B2_E12_MR
	1951	GM_54_B2_F01	GM_54_B2_F01_T7	
30	1952	GM_54_B2_F01		GM_54_B2_F01_MR
	1953	GM_54_B2_F02	GM_54_B2_F02_T7	
	1954	GM_54_B2_F02		GM_54_B2_F02_MR
	1955	GM_54_B2_F03	GM_54_B2_F03_T7	
	1956	GM_54_B2_F04	GM_54_B2_F04_T7	
35	1957	GM_54_B2_F04		GM_54_B2_F04_MR
	1958	GM_54_B2_F05	GM_54_B2_F05_T7	
	1959	GM_54_B2_F05		GM_54_B2_F05_MR
	1960	GM_54_B2_F06	GM_54_B2_F06_T7	
	1961	GM_54_B2_F06		GM_54_B2_F06_MR
40	1962	GM_54_B2_F07	GM_54_B2_F07_T7	
	1963	GM_54_B2_F07		GM_54_B2_F07_MR
	1964	GM_54_B2_F08	GM_54_B2_F08_T7	
	1965	GM_54_B2_F08		GM_54_B2_F08_MR
	1966	GM_54_B2_F09	GM_54_B2_F09_T7	
45	1967	GM_54_B2_F09		GM_54_B2_F09_MR
	1968	GM_54_B2_F10	GM_54_B2_F10_T7	
	1969	GM_54_B2_F10		GM_54_B2_F10_MR
	1970	GM_54_B2_F12	GM_54_B2_F12_T7	
	1971	GM_54_B2_F12		GM_54_B2_F12_MR
50	1972	GM_54_B2_G01	GM_54_B2_G01_T7	
	1973	GM_54_B2_G02	GM_54_B2_G02_T7	
	1974	GM_54_B2_G03	GM_54_B2_G03_T7	
	1975	GM_54_B2_G03		GM_54_B2_G03_MR
	1976	GM_54_B2_G04	GM_54_B2_G04_T7	
55	1977	GM_54_B2_G04		GM_54_B2_G04_MR

	1978	GM_54_B2_G05	GM_54_B2_G05_T7	
	1979	GM_54_B2_G05		GM_54_B2_G05_MR
	1980	GM_54_B2_G06	GM_54_B2_G06_T7	
	1981	GM_54_B2_G06		GM_54_B2_G06_MR
5	1982	GM_54_B2_G07	GM_54_B2_G07_T7	
	1983	GM_54_B2_G07		GM_54_B2_G07_MR
	1984	GM_54_B2_G08	GM_54_B2_G08_T7	
	1985	GM_54_B2_G08		GM_54_B2_G08_MR
	1986	GM_54_B2_G09	GM_54_B2_G09_T7	
10	1987	GM_54_B2_G09		GM_54_B2_G09_MR
	1988	GM_54_B2_G10	GM_54_B2_G10_T7	
	1989	GM_54_B2_G10		GM_54_B2_G10_MR
	1990	GM_54_B2_G11	GM_54_B2_G11_T7	
	1991	GM_54_B2_G11		GM_54_B2_G11_MR
15	1992	GM_54_B2_G12	GM_54_B2_G12_T7	
	1993	GM_54_B2_G12		GM_54_B2_G12_MR
	1994	GM_54_B2_H01	GM_54_B2_H01_T7	
	1995	GM_54_B2_H01		GM_54_B2_H01_MR
	1996	GM_54_B2_H02	GM_54_B2_H02_T7	
20	1997	GM_54_B2_H02		GM_54_B2_H02_MR
	1998	GM_54_B2_H03	GM_54_B2_H03_T7	
	1999	GM_54_B2_H03		GM_54_B2_H03_MR
	2000	GM_54_B2_H04	GM_54_B2_H04_T7	
	2001	GM_54_B2_H04		GM_54_B2_H04_MR
25	2002	GM_54_B2_H05	GM_54_B2_H05_T7	
	2003	GM_54_B2_H06	GM_54_B2_H06_T7	
	2004	GM_54_B2_H06		GM_54_B2_H06_MR
	2005	GM_54_B2_H07	GM_54_B2_H07_T7	
	2006	GM_54_B2_H07		GM_54_B2_H07_MR
30	2007	GM_54_B2_H08	GM_54_B2_H08_T7	
	2008	GM_54_B2_H08		GM_54_B2_H08_MR
	2009	GM_54_B2_H09	GM_54_B2_H09_T7	
	2010	GM_54_B2_H09		GM_54_B2_H09_MR
	2011	GM_54_B2_H10	GM_54_B2_H10_T7	
35	2012	GM_54_B2_H10		GM_54_B2_H10_MR
	2013	GM_54_B2_H11		GM_54_B2_H11_MR
	2014	GM_54_B2_H12	GM_54_B2_H12_T7	
	2015	GM_54_B2_H12		GM_54_B2_H12_MR
	2016	GM_55_A1_A01		GM_55_A1_A01_MR
40	2017	GM_55_A1_A02	GM_55_A1_A02_T7	
	2018	GM_55_A1_A02		GM_55_A1_A02_MR
	2019	GM_55_A1_A03	GM_55_A1_A03_T7	
	2020	GM_55_A1_A03		GM_55_A1_A03_MR
	2021	GM_55_A1_A04	GM_55_A1_A04_T7	
45	2022	GM_55_A1_A04		GM_55_A1_A04_MR
	2023	GM_55_A1_A05	GM_55_A1_A05_T7	
	2024	GM_55_A1_A05		GM_55_A1_A05_MR
	2025	GM_55_A1_A06	GM_55_A1_A06_T7	
	2026	GM_55_A1_A06		GM_55_A1_A06_MR
50	2027	GM_55_A1_A07	GM_55_A1_A07_T7	
	2028	GM_55_A1_A07		GM_55_A1_A07_MR
	2029	GM_55_A1_A08	GM_55_A1_A08_T7	
	2030	GM_55_A1_A08		GM_55_A1_A08_MR
	2031	GM_55_A1_A09	GM_55_A1_A09_T7	
55	2032	GM_55_A1_A09		GM_55_A1_A09_MR

	2033	GM_55_A1_A10	GM_55_A1_A10_T7	
	2034	GM_55_A1_A10		GM_55_A1_A10_MR
	2035	GM_55_A1_A11	GM_55_A1_A11_T7	
	2036	GM_55_A1_A11		GM_55_A1_A11_MR
5	2037	GM_55_A1_A12	GM_55_A1_A12_T7	
	2038	GM_55_A1_A12		GM_55_A1_A12_MR
	2039	GM_55_A1_B01		GM_55_A1_B01_MR
	2040	GM_55_A1_B02	GM_55_A1_B02_T7	
	2041	GM_55_A1_B02		GM_55_A1_B02_MR
10	2042	GM_55_A1_B03	GM_55_A1_B03_T7	
	2043	GM_55_A1_B03		GM_55_A1_B03_MR
	2044	GM_55_A1_B04	GM_55_A1_B04_T7	
	2045	GM_55_A1_B04		GM_55_A1_B04_MR
	2046	GM_55_A1_B05	GM_55_A1_B05_T7	
15	2047	GM_55_A1_B05		GM_55_A1_B05_MR
	2048	GM_55_A1_B06	GM_55_A1_B06_T7	
	2049	GM_55_A1_B06		GM_55_A1_B06_MR
	2050	GM_55_A1_B07	GM_55_A1_B07_T7	
	2051	GM_55_A1_B07		GM_55_A1_B07_MR
20	2052	GM_55_A1_B08	GM_55_A1_B08_T7	
	2053	GM_55_A1_B08		GM_55_A1_B08_MR
	2054	GM_55_A1_B09	GM_55_A1_B09_T7	
	2055	GM_55_A1_B10	GM_55_A1_B10_T7	
	2056	GM_55_A1_B10		GM_55_A1_B10_MR
25	2057	GM_55_A1_B11	GM_55_A1_B11_T7	
	2058	GM_55_A1_B11		GM_55_A1_B11_MR
	2059	GM_55_A1_B12	GM_55_A1_B12_T7	
	2060	GM_55_A1_B12		GM_55_A1_B12_MR
	2061	GM_55_A1_C02	GM_55_A1_C02_T7	
30	2062	GM_55_A1_C02		GM_55_A1_C02_MR
	2063	GM_55_A1_C03	GM_55_A1_C03_T7	
	2064	GM_55_A1_C03		GM_55_A1_C03_MR
	2065	GM_55_A1_C04	GM_55_A1_C04_T7	
	2066	GM_55_A1_C04		GM_55_A1_C04_MR
35	2067	GM_55_A1_C05	GM_55_A1_C05_T7	
	2068	GM_55_A1_C05		GM_55_A1_C05_MR
	2069	GM_55_A1_C06	GM_55_A1_C06_T7	
	2070	GM_55_A1_C06		GM_55_A1_C06_MR
	2071	GM_55_A1_C07	GM_55_A1_C07_T7	
40	2072	GM_55_A1_C07		GM_55_A1_C07_MR
	2073	GM_55_A1_C08	GM_55_A1_C08_T7	
	2074	GM_55_A1_C08		GM_55_A1_C08_MR
	2075	GM_55_A1_C09	GM_55_A1_C09_T7	
	2076	GM_55_A1_C09		GM_55_A1_C09_MR
45	2077	GM_55_A1_C10	GM_55_A1_C10_T7	
	2078	GM_55_A1_C10		GM_55_A1_C10_MR
	2079	GM_55_A1_C11	GM_55_A1_C11_T7	
	2080	GM_55_A1_C11		GM_55_A1_C11_MR
	2081	GM_55_A1_C12	GM_55_A1_C12_T7	
50	2082	GM_55_A1_C12		GM_55_A1_C12_MR
	2083	GM_55_A1_D01	GM_55_A1_D01_T7	
	2084	GM_55_A1_D01		GM_55_A1_D01_MR
	2085	GM_55_A1_D02		GM_55_A1_D02_MR
	2086	GM_55_A1_D03	GM_55_A1_D03_T7	
55	2087	GM_55_A1_D03		GM_55_A1_D03_MR

	2088	GM_55_A1_D04	GM_55_A1_D04_T7	
	2089	GM_55_A1_D04		GM_55_A1_D04_MR
	2090	GM_55_A1_D05	GM_55_A1_D05_T7	
	2091	GM_55_A1_D05		GM_55_A1_D05_MR
5	2092	GM_55_A1_D06	GM_55_A1_D06_T7	
	2093	GM_55_A1_D06		GM_55_A1_D06_MR
	2094	GM_55_A1_D07	GM_55_A1_D07_T7	
	2095	GM_55_A1_D07		GM_55_A1_D07_MR
	2096	GM_55_A1_D08	GM_55_A1_D08_T7	
10	2097	GM_55_A1_D08		GM_55_A1_D08_MR
	2098	GM_55_A1_D09	GM_55_A1_D09_T7	
	2099	GM_55_A1_D09		GM_55_A1_D09_MR
	2100	GM_55_A1_D10	GM_55_A1_D10_T7	
	2101	GM_55_A1_D10		GM_55_A1_D10_MR
15	2102	GM_55_A1_D11	GM_55_A1_D11_T7	
	2103	GM_55_A1_D11		GM_55_A1_D11_MR
	2104	GM_55_A1_D12	GM_55_A1_D12_T7	
	2105	GM_55_A1_D12		GM_55_A1_D12_MR
	2106	GM_55_A1_E02	GM_55_A1_E02_T7	
20	2107	GM_55_A1_E02		GM_55_A1_E02_MR
	2108	GM_55_A1_E03	GM_55_A1_E03_T7	
	2109	GM_55_A1_E03		GM_55_A1_E03_MR
	2110	GM_55_A1_E04	GM_55_A1_E04_T7	
	2111	GM_55_A1_E04		GM_55_A1_E04_MR
25	2112	GM_55_A1_E05	GM_55_A1_E05_T7	
	2113	GM_55_A1_E05		GM_55_A1_E05_MR
	2114	GM_55_A1_E06	GM_55_A1_E06_T7	
	2115	GM_55_A1_E06		GM_55_A1_E06_MR
	2116	GM_55_A1_E07	GM_55_A1_E07_T7	
30	2117	GM_55_A1_E07		GM_55_A1_E07_MR
	2118	GM_55_A1_E08	GM_55_A1_E08_T7	
	2119	GM_55_A1_E08		GM_55_A1_E08_MR
	2120	GM_55_A1_E09	GM_55_A1_E09_T7	
	2121	GM_55_A1_E09		GM_55_A1_E09_MR
35	2122	GM_55_A1_E10	GM_55_A1_E10_T7	
	2123	GM_55_A1_E10		GM_55_A1_E10_MR
	2124	GM_55_A1_E11	GM_55_A1_E11_T7	
	2125	GM_55_A1_E11		GM_55_A1_E11_MR
	2126	GM_55_A1_E12	GM_55_A1_E12_T7	
40	2127	GM_55_A1_E12		GM_55_A1_E12_MR
	2128	GM_55_A1_F01		GM_55_A1_F01_MR
	2129	GM_55_A1_F02	GM_55_A1_F02_T7	
	2130	GM_55_A1_F02		GM_55_A1_F02_MR
	2131	GM_55_A1_F03	GM_55_A1_F03_T7	
45	2132	GM_55_A1_F03		GM_55_A1_F03_MR
	2133	GM_55_A1_F04	GM_55_A1_F04_T7	
	2134	GM_55_A1_F04		GM_55_A1_F04_MR
	2135	GM_55_A1_F05	GM_55_A1_F05_T7	
	2136	GM_55_A1_F05		GM_55_A1_F05_MR
50	2137	GM_55_A1_F06	GM_55_A1_F06_T7	
	2138	GM_55_A1_F06		GM_55_A1_F06_MR
	2139	GM_55_A1_F07	GM_55_A1_F07_T7	
	2140	GM_55_A1_F07		GM_55_A1_F07_MR
	2141	GM_55_A1_F08	GM_55_A1_F08_T7	
55	2142	GM_55_A1_F08		GM_55_A1_F08_MR

	2143	GM_55_A1_F09	GM_55_A1_F09_T7	
	2144	GM_55_A1_F09		GM_55_A1_F09_MR
	2145	GM_55_A1_F10	GM_55_A1_F10_T7	
	2146	GM_55_A1_F10		GM_55_A1_F10_MR
5	2147	GM_55_A1_F12	GM_55_A1_F12_T7	
	2148	GM_55_A1_F12		GM_55_A1_F12_MR
	2149	GM_55_A1_G01	GM_55_A1_G01_T7	
	2150	GM_55_A1_G01		GM_55_A1_G01_MR
	2151	GM_55_A1_G02	GM_55_A1_G02_T7	
10	2152	GM_55_A1_G02		GM_55_A1_G02_MR
	2153	GM_55_A1_G03	GM_55_A1_G03_T7	
	2154	GM_55_A1_G03		GM_55_A1_G03_MR
	2155	GM_55_A1_G04	GM_55_A1_G04_T7	
	2156	GM_55_A1_G04		GM_55_A1_G04_MR
15	2157	GM_55_A1_G05	GM_55_A1_G05_T7	
	2158	GM_55_A1_G05		GM_55_A1_G05_MR
	2159	GM_55_A1_G06	GM_55_A1_G06_T7	
	2160	GM_55_A1_G06		GM_55_A1_G06_MR
	2161	GM_55_A1_G07	GM_55_A1_G07_T7	
20	2162	GM_55_A1_G07		GM_55_A1_G07_MR
	2163	GM_55_A1_G08	GM_55_A1_G08_T7	
	2164	GM_55_A1_G08		GM_55_A1_G08_MR
	2165	GM_55_A1_G09	GM_55_A1_G09_T7	
	2166	GM_55_A1_G09		GM_55_A1_G09_MR
25	2167	GM_55_A1_G10	GM_55_A1_G10_T7	
	2168	GM_55_A1_G10		GM_55_A1_G10_MR
	2169	GM_55_A1_G11	GM_55_A1_G11_T7	
	2170	GM_55_A1_G11		GM_55_A1_G11_MR
	2171	GM_55_A1_G12	GM_55_A1_G12_T7	
30	2172	GM_55_A1_G12		GM_55_A1_G12_MR
	2173	GM_55_A1_H01	GM_55_A1_H01_T7	
	2174	GM_55_A1_H01		GM_55_A1_H01_MR
	2175	GM_55_A1_H02	GM_55_A1_H02_T7	
	2176	GM_55_A1_H02		GM_55_A1_H02_MR
35	2177	GM_55_A1_H03	GM_55_A1_H03_T7	
	2178	GM_55_A1_H03		GM_55_A1_H03_MR
	2179	GM_55_A1_H04	GM_55_A1_H04_T7	
	2180	GM_55_A1_H04		GM_55_A1_H04_MR
	2181	GM_55_A1_H05	GM_55_A1_H05_T7	
40	2182	GM_55_A1_H05		GM_55_A1_H05_MR
	2183	GM_55_A1_H06	GM_55_A1_H06_T7	
	2184	GM_55_A1_H06		GM_55_A1_H06_MR
	2185	GM_55_A1_H07	GM_55_A1_H07_T7	
	2186	GM_55_A1_H07		GM_55_A1_H07_MR
45	2187	GM_55_A1_H09	GM_55_A1_H09_T7	
	2188	GM_55_A1_H09		GM_55_A1_H09_MR
	2189	GM_55_A1_H10	GM_55_A1_H10_T7	
	2190	GM_55_A1_H10		GM_55_A1_H10_MR
	2191	GM_55_A1_H11	GM_55_A1_H11_T7	
50	2192	GM_55_A1_H11		GM_55_A1_H11_MR
	2193	GM_55_A1_H12	GM_55_A1_H12_T7	
	2194	GM_55_A1_H12		GM_55_A1_H12_MR
	2195	GM_55_A2_A01	GM_55_A2_A01_T7	
	2196	GM_55_A2_A02	GM_55_A2_A02_T7	
55	2197	GM_55_A2_A02		GM_55_A2_A02_MR

	2198	GM_55_A2_A03	GM_55_A2_A03_T7	
	2199	GM_55_A2_A03		GM_55_A2_A03_MR
	2200	GM_55_A2_A04	GM_55_A2_A04_T7	
	2201	GM_55_A2_A04		GM_55_A2_A04_MR
5	2202	GM_55_A2_A05	GM_55_A2_A05_T7	
	2203	GM_55_A2_A05		GM_55_A2_A05_MR
	2204	GM_55_A2_A06	GM_55_A2_A06_T7	
	2205	GM_55_A2_A07	GM_55_A2_A07_T7	
	2206	GM_55_A2_A07		GM_55_A2_A07_MR
10	2207	GM_55_A2_A08	GM_55_A2_A08_T7	
	2208	GM_55_A2_A08		GM_55_A2_A08_MR
	2209	GM_55_A2_A09	GM_55_A2_A09_T7	
	2210	GM_55_A2_A09		GM_55_A2_A09_MR
	2211	GM_55_A2_A10	GM_55_A2_A10_T7	
15	2212	GM_55_A2_A10		GM_55_A2_A10_MR
	2213	GM_55_A2_A11	GM_55_A2_A11_T7	
	2214	GM_55_A2_A11		GM_55_A2_A11_MR
	2215	GM_55_A2_A12	GM_55_A2_A12_T7	
	2216	GM_55_A2_A12		GM_55_A2_A12_MR
20	2217	GM_55_A2_B01	GM_55_A2_B01_T7	
	2218	GM_55_A2_B01		GM_55_A2_B01_MR
	2219	GM_55_A2_B02	GM_55_A2_B02_T7	
	2220	GM_55_A2_B02		GM_55_A2_B02_MR
25	2221	GM_55_A2_B03	GM_55_A2_B03_T7	
	2222	GM_55_A2_B03		GM_55_A2_B03_MR
	2223	GM_55_A2_B04	GM_55_A2_B04_T7	
	2224	GM_55_A2_B04		GM_55_A2_B04_MR
	2225	GM_55_A2_B06	GM_55_A2_B06_T7	
	2226	GM_55_A2_B06		GM_55_A2_B06_MR
30	2227	GM_55_A2_B07	GM_55_A2_B07_T7	
	2228	GM_55_A2_B07		GM_55_A2_B07_MR
	2229	GM_55_A2_B08	GM_55_A2_B08_T7	
	2230	GM_55_A2_B08		GM_55_A2_B08_MR
	2231	GM_55_A2_B09	GM_55_A2_B09_T7	
35	2232	GM_55_A2_B09		GM_55_A2_B09_MR
	2233	GM_55_A2_B10	GM_55_A2_B10_T7	
	2234	GM_55_A2_B10		GM_55_A2_B10_MR
	2235	GM_55_A2_B11	GM_55_A2_B11_T7	
	2236	GM_55_A2_B11		GM_55_A2_B11_MR
40	2237	GM_55_A2_B12	GM_55_A2_B12_T7	
	2238	GM_55_A2_B12		GM_55_A2_B12_MR
	2239	GM_55_A2_C01	GM_55_A2_C01_T7	
	2240	GM_55_A2_C01		GM_55_A2_C01_MR
	2241	GM_55_A2_C02	GM_55_A2_C02_T7	
45	2242	GM_55_A2_C02		GM_55_A2_C02_MR
	2243	GM_55_A2_C03	GM_55_A2_C03_T7	
	2244	GM_55_A2_C03		GM_55_A2_C03_MR
	2245	GM_55_A2_C04	GM_55_A2_C04_T7	
	2246	GM_55_A2_C04		GM_55_A2_C04_MR
50	2247	GM_55_A2_C05	GM_55_A2_C05_T7	
	2248	GM_55_A2_C05		GM_55_A2_C05_MR
	2249	GM_55_A2_C06	GM_55_A2_C06_T7	
	2250	GM_55_A2_C06		GM_55_A2_C06_MR
	2251	GM_55_A2_C07	GM_55_A2_C07_T7	
55	2252	GM_55_A2_C07		GM_55_A2_C07_MR

	2253	GM_55_A2_C08	GM_55_A2_C08_T7	
	2254	GM_55_A2_C08		GM_55_A2_C08_MR
	2255	GM_55_A2_C09	GM_55_A2_C09_T7	
	2256	GM_55_A2_C09		GM_55_A2_C09_MR
5	2257	GM_55_A2_C10	GM_55_A2_C10_T7	
	2258	GM_55_A2_C10		GM_55_A2_C10_MR
	2259	GM_55_A2_C11	GM_55_A2_C11_T7	
	2260	GM_55_A2_C11		GM_55_A2_C11_MR
	2261	GM_55_A2_C12	GM_55_A2_C12_T7	
10	2262	GM_55_A2_C12		GM_55_A2_C12_MR
	2263	GM_55_A2_D01	GM_55_A2_D01_T7	
	2264	GM_55_A2_D01		GM_55_A2_D01_MR
	2265	GM_55_A2_D02	GM_55_A2_D02_T7	
	2266	GM_55_A2_D02		GM_55_A2_D02_MR
15	2267	GM_55_A2_D03	GM_55_A2_D03_T7	
	2268	GM_55_A2_D03		GM_55_A2_D03_MR
	2269	GM_55_A2_D04	GM_55_A2_D04_T7	
	2270	GM_55_A2_D04		GM_55_A2_D04_MR
	2271	GM_55_A2_D05	GM_55_A2_D05_T7	
20	2272	GM_55_A2_D05		GM_55_A2_D05_MR
	2273	GM_55_A2_D06	GM_55_A2_D06_T7	
	2274	GM_55_A2_D06		GM_55_A2_D06_MR
	2275	GM_55_A2_D07		GM_55_A2_D07_MR
	2276	GM_55_A2_D08	GM_55_A2_D08_T7	
25	2277	GM_55_A2_D08		GM_55_A2_D08_MR
	2278	GM_55_A2_D09	GM_55_A2_D09_T7	
	2279	GM_55_A2_D09		GM_55_A2_D09_MR
	2280	GM_55_A2_D10	GM_55_A2_D10_T7	
	2281	GM_55_A2_D10		GM_55_A2_D10_MR
30	2282	GM_55_A2_D11		GM_55_A2_D11_MR
	2283	GM_55_A2_D12	GM_55_A2_D12_T7	
	2284	GM_55_A2_D12		GM_55_A2_D12_MR
	2285	GM_55_A2_E01	GM_55_A2_E01_T7	
	2286	GM_55_A2_E01		GM_55_A2_E01_MR
35	2287	GM_55_A2_E02	GM_55_A2_E02_T7	
	2288	GM_55_A2_E02		GM_55_A2_E02_MR
	2289	GM_55_A2_E03	GM_55_A2_E03_T7	
	2290	GM_55_A2_E03		GM_55_A2_E03_MR
	2291	GM_55_A2_E04	GM_55_A2_E04_T7	
40	2292	GM_55_A2_E04		GM_55_A2_E04_MR
	2293	GM_55_A2_E07	GM_55_A2_E07_T7	
	2294	GM_55_A2_E07		GM_55_A2_E07_MR
	2295	GM_55_A2_E08	GM_55_A2_E08_T7	
	2296	GM_55_A2_E08		GM_55_A2_E08_MR
45	2297	GM_55_A2_E09		GM_55_A2_E09_MR
	2298	GM_55_A2_E10	GM_55_A2_E10_T7	
	2299	GM_55_A2_E10		GM_55_A2_E10_MR
	2300	GM_55_A2_E11	GM_55_A2_E11_T7	
	2301	GM_55_A2_E12	GM_55_A2_E12_T7	
50	2302	GM_55_A2_E12		GM_55_A2_E12_MR
	2303	GM_55_A2_F01	GM_55_A2_F01_T7	
	2304	GM_55_A2_F01		GM_55_A2_F01_MR
	2305	GM_55_A2_F02	GM_55_A2_F02_T7	
	2306	GM_55_A2_F02		GM_55_A2_F02_MR
55	2307	GM_55_A2_F03	GM_55_A2_F03_T7	

	2308	GM_55_A2_F03		GM_55_A2_F03_MR
	2309	GM_55_A2_F04	GM_55_A2_F04_T7	
	2310	GM_55_A2_F04		GM_55_A2_F04_MR
	2311	GM_55_A2_F05	GM_55_A2_F05_T7	
5	2312	GM_55_A2_F05		GM_55_A2_F05_MR
	2313	GM_55_A2_F06	GM_55_A2_F06_T7	
	2314	GM_55_A2_F06		GM_55_A2_F06_MR
	2315	GM_55_A2_F07	GM_55_A2_F07_T7	
	2316	GM_55_A2_F07		GM_55_A2_F07_MR
10	2317	GM_55_A2_F08	GM_55_A2_F08_T7	
	2318	GM_55_A2_F08		GM_55_A2_F08_MR
	2319	GM_55_A2_F09	GM_55_A2_F09_T7	
	2320	GM_55_A2_F09		GM_55_A2_F09_MR
	2321	GM_55_A2_F10	GM_55_A2_F10_T7	
15	2322	GM_55_A2_F10		GM_55_A2_F10_MR
	2323	GM_55_A2_F11	GM_55_A2_F11_T7	
	2324	GM_55_A2_F11		GM_55_A2_F11_MR
	2325	GM_55_A2_F12		GM_55_A2_F12_MR
	2326	GM_55_A2_G01	GM_55_A2_G01_T7	
20	2327	GM_55_A2_G01		GM_55_A2_G01_MR
	2328	GM_55_A2_G02	GM_55_A2_G02_T7	
	2329	GM_55_A2_G02		GM_55_A2_G02_MR
	2330	GM_55_A2_G03	GM_55_A2_G03_T7	
	2331	GM_55_A2_G03		GM_55_A2_G03_MR
25	2332	GM_55_A2_G04	GM_55_A2_G04_T7	
	2333	GM_55_A2_G04		GM_55_A2_G04_MR
	2334	GM_55_A2_G06	GM_55_A2_G06_T7	
	2335	GM_55_A2_G06		GM_55_A2_G06_MR
	2336	GM_55_A2_G07	GM_55_A2_G07_T7	
30	2337	GM_55_A2_G07		GM_55_A2_G07_MR
	2338	GM_55_A2_G08	GM_55_A2_G08_T7	
	2339	GM_55_A2_G08		GM_55_A2_G08_MR
	2340	GM_55_A2_G09	GM_55_A2_G09_T7	
	2341	GM_55_A2_G09		GM_55_A2_G09_MR
35	2342	GM_55_A2_G10	GM_55_A2_G10_T7	
	2343	GM_55_A2_G10		GM_55_A2_G10_MR
	2344	GM_55_A2_G11	GM_55_A2_G11_T7	
	2345	GM_55_A2_G11		GM_55_A2_G11_MR
	2346	GM_55_A2_G12	GM_55_A2_G12_T7	
40	2347	GM_55_A2_G12		GM_55_A2_G12_MR
	2348	GM_55_A2_H01	GM_55_A2_H01_T7	
	2349	GM_55_A2_H01		GM_55_A2_H01_MR
	2350	GM_55_A2_H02	GM_55_A2_H02_T7	
	2351	GM_55_A2_H02		GM_55_A2_H02_MR
45	2352	GM_55_A2_H03	GM_55_A2_H03_T7	
	2353	GM_55_A2_H03		GM_55_A2_H03_MR
	2354	GM_55_A2_H04	GM_55_A2_H04_T7	
	2355	GM_55_A2_H04		GM_55_A2_H04_MR
	2356	GM_55_A2_H05	GM_55_A2_H05_T7	
50	2357	GM_55_A2_H05		GM_55_A2_H05_MR
	2358	GM_55_A2_H06	GM_55_A2_H06_T7	
	2359	GM_55_A2_H06		GM_55_A2_H06_MR
	2360	GM_55_A2_H07	GM_55_A2_H07_T7	
	2361	GM_55_A2_H07		GM_55_A2_H07_MR
55	2362	GM_55_A2_H08	GM_55_A2_H08_T7	

	2363	GM_55_A2_H08		GM_55_A2_H08_MR
	2364	GM_55_A2_H09	GM_55_A2_H09_T7	
	2365	GM_55_A2_H09		GM_55_A2_H09_MR
	2366	GM_55_A2_H10	GM_55_A2_H10_T7	
5	2367	GM_55_A2_H10		GM_55_A2_H10_MR
	2368	GM_55_A2_H11	GM_55_A2_H11_T7	
	2369	GM_55_A2_H11		GM_55_A2_H11_MR
	2370	GM_55_A2_H12	GM_55_A2_H12_T7	
	2371	GM_55_A2_H12		GM_55_A2_H12_MR
10	2372	GM_55_B1_A02	GM_55_B1_A02_T7	
	2373	GM_55_B1_A02		GM_55_B1_A02_MR
	2374	GM_55_B1_A03	GM_55_B1_A03_T7	
	2375	GM_55_B1_A03		GM_55_B1_A03_MR
	2376	GM_55_B1_A04	GM_55_B1_A04_T7	
15	2377	GM_55_B1_A04		GM_55_B1_A04_MR
	2378	GM_55_B1_A05	GM_55_B1_A05_T7	
	2379	GM_55_B1_A05		GM_55_B1_A05_MR
	2380	GM_55_B1_A06		GM_55_B1_A06_MR
	2381	GM_55_B1_A07	GM_55_B1_A07_T7	
20	2382	GM_55_B1_A07		GM_55_B1_A07_MR
	2383	GM_55_B1_A08	GM_55_B1_A08_T7	
	2384	GM_55_B1_A08		GM_55_B1_A08_MR
	2385	GM_55_B1_A09	GM_55_B1_A09_T7	
	2386	GM_55_B1_A09		GM_55_B1_A09_MR
25	2387	GM_55_B1_A10	GM_55_B1_A10_T7	
	2388	GM_55_B1_A10		GM_55_B1_A10_MR
	2389	GM_55_B1_A11		GM_55_B1_A11_MR
	2390	GM_55_B1_A12	GM_55_B1_A12_T7	
	2391	GM_55_B1_A12		GM_55_B1_A12_MR
30	2392	GM_55_B1_B01	GM_55_B1_B01_T7	
	2393	GM_55_B1_B01		GM_55_B1_B01_MR
	2394	GM_55_B1_B02	GM_55_B1_B02_T7	
	2395	GM_55_B1_B02		GM_55_B1_B02_MR
	2396	GM_55_B1_B03	GM_55_B1_B03_T7	
35	2397	GM_55_B1_B03		GM_55_B1_B03_MR
	2398	GM_55_B1_B04	GM_55_B1_B04_T7	
	2399	GM_55_B1_B04		GM_55_B1_B04_MR
	2400	GM_55_B1_B05	GM_55_B1_B05_T7	
	2401	GM_55_B1_B05		GM_55_B1_B05_MR
40	2402	GM_55_B1_B06	GM_55_B1_B06_T7	
	2403	GM_55_B1_B06		GM_55_B1_B06_MR
	2404	GM_55_B1_B07	GM_55_B1_B07_T7	
	2405	GM_55_B1_B07		GM_55_B1_B07_MR
	2406	GM_55_B1_B08	GM_55_B1_B08_T7	
45	2407	GM_55_B1_B08		GM_55_B1_B08_MR
	2408	GM_55_B1_B09	GM_55_B1_B09_T7	
	2409	GM_55_B1_B09		GM_55_B1_B09_MR
	2410	GM_55_B1_B10	GM_55_B1_B10_T7	
	2411	GM_55_B1_B10		GM_55_B1_B10_MR
50	2412	GM_55_B1_B11	GM_55_B1_B11_T7	
	2413	GM_55_B1_B11		GM_55_B1_B11_MR
	2414	GM_55_B1_B12	GM_55_B1_B12_T7	
	2415	GM_55_B1_B12		GM_55_B1_B12_MR
	2416	GM_55_B1_C01	GM_55_B1_C01_T7	
55	2417	GM_55_B1_C01		GM_55_B1_C01_MR

	2418	GM_55_B1_C02	GM_55_B1_C02_T7	
	2419	GM_55_B1_C02		GM_55_B1_C02_MR
	2420	GM_55_B1_C03	GM_55_B1_C03_T7	
	2421	GM_55_B1_C03		GM_55_B1_C03_MR
5	2422	GM_55_B1_C04	GM_55_B1_C04_T7	
	2423	GM_55_B1_C04		GM_55_B1_C04_MR
	2424	GM_55_B1_C05	GM_55_B1_C05_T7	
	2425	GM_55_B1_C05		GM_55_B1_C05_MR
	2426	GM_55_B1_C06	GM_55_B1_C06_T7	
10	2427	GM_55_B1_C06		GM_55_B1_C06_MR
	2428	GM_55_B1_C07	GM_55_B1_C07_T7	
	2429	GM_55_B1_C07		GM_55_B1_C07_MR
	2430	GM_55_B1_C08	GM_55_B1_C08_T7	
	2431	GM_55_B1_C08		GM_55_B1_C08_MR
15	2432	GM_55_B1_C09	GM_55_B1_C09_T7	
	2433	GM_55_B1_C09		GM_55_B1_C09_MR
	2434	GM_55_B1_C10	GM_55_B1_C10_T7	
	2435	GM_55_B1_C10		GM_55_B1_C10_MR
	2436	GM_55_B1_C11	GM_55_B1_C11_T7	
20	2437	GM_55_B1_C11		GM_55_B1_C11_MR
	2438	GM_55_B1_C12	GM_55_B1_C12_T7	
	2439	GM_55_B1_C12		GM_55_B1_C12_MR
	2440	GM_55_B1_D01	GM_55_B1_D01_T7	
	2441	GM_55_B1_D01		GM_55_B1_D01_MR
25	2442	GM_55_B1_D02	GM_55_B1_D02_T7	
	2443	GM_55_B1_D02		GM_55_B1_D02_MR
	2444	GM_55_B1_D03	GM_55_B1_D03_T7	
	2445	GM_55_B1_D03		GM_55_B1_D03_MR
	2446	GM_55_B1_D04	GM_55_B1_D04_T7	
30	2447	GM_55_B1_D04		GM_55_B1_D04_MR
	2448	GM_55_B1_D05	GM_55_B1_D05_T7	
	2449	GM_55_B1_D05		GM_55_B1_D05_MR
	2450	GM_55_B1_D06		GM_55_B1_D06_MR
	2451	GM_55_B1_D07		GM_55_B1_D07_MR
35	2452	GM_55_B1_D08	GM_55_B1_D08_T7	
	2453	GM_55_B1_D08		GM_55_B1_D08_MR
	2454	GM_55_B1_D09	GM_55_B1_D09_T7	
	2455	GM_55_B1_D09		GM_55_B1_D09_MR
	2456	GM_55_B1_D10		GM_55_B1_D10_MR
40	2457	GM_55_B1_D11	GM_55_B1_D11_T7	
	2458	GM_55_B1_D11		GM_55_B1_D11_MR
	2459	GM_55_B1_D12	GM_55_B1_D12_T7	
	2460	GM_55_B1_D12		GM_55_B1_D12_MR
	2461	GM_55_B1_E02	GM_55_B1_E02_T7	
45	2462	GM_55_B1_E02		GM_55_B1_E02_MR
	2463	GM_55_B1_E03	GM_55_B1_E03_T7	
	2464	GM_55_B1_E03		GM_55_B1_E03_MR
	2465	GM_55_B1_E04	GM_55_B1_E04_T7	
	2466	GM_55_B1_E04		GM_55_B1_E04_MR
50	2467	GM_55_B1_E05	GM_55_B1_E05_T7	
	2468	GM_55_B1_E05		GM_55_B1_E05_MR
	2469	GM_55_B1_E06	GM_55_B1_E06_T7	
	2470	GM_55_B1_E06		GM_55_B1_E06_MR
	2471	GM_55_B1_E07	GM_55_B1_E07_T7	
55	2472	GM_55_B1_E07		GM_55_B1_E07_MR

	2473	GM_55_B1_E08	GM_55_B1_E08_T7	
	2474	GM_55_B1_E08		GM_55_B1_E08_MR
	2475	GM_55_B1_E09	GM_55_B1_E09_T7	
	2476	GM_55_B1_E09		GM_55_B1_E09_MR
5	2477	GM_55_B1_E10	GM_55_B1_E10_T7	
	2478	GM_55_B1_E10		GM_55_B1_E10_MR
	2479	GM_55_B1_E11	GM_55_B1_E11_T7	
	2480	GM_55_B1_E11		GM_55_B1_E11_MR
	2481	GM_55_B1_E12	GM_55_B1_E12_T7	
10	2482	GM_55_B1_E12		GM_55_B1_E12_MR
	2483	GM_55_B1_F01	GM_55_B1_F01_T7	
	2484	GM_55_B1_F01		GM_55_B1_F01_MR
	2485	GM_55_B1_F02	GM_55_B1_F02_T7	
	2486	GM_55_B1_F02		GM_55_B1_F02_MR
15	2487	GM_55_B1_F03	GM_55_B1_F03_T7	
	2488	GM_55_B1_F03		GM_55_B1_F03_MR
	2489	GM_55_B1_F04	GM_55_B1_F04_T7	
	2490	GM_55_B1_F04		GM_55_B1_F04_MR
	2491	GM_55_B1_F05	GM_55_B1_F05_T7	
20	2492	GM_55_B1_F05		GM_55_B1_F05_MR
	2493	GM_55_B1_F06	GM_55_B1_F06_T7	
	2494	GM_55_B1_F06		GM_55_B1_F06_MR
	2495	GM_55_B1_F07	GM_55_B1_F07_T7	
	2496	GM_55_B1_F07		GM_55_B1_F07_MR
25	2497	GM_55_B1_F08	GM_55_B1_F08_T7	
	2498	GM_55_B1_F08		GM_55_B1_F08_MR
	2499	GM_55_B1_F09	GM_55_B1_F09_T7	
	2500	GM_55_B1_F09		GM_55_B1_F09_MR
	2501	GM_55_B1_F10		GM_55_B1_F10_MR
30	2502	GM_55_B1_F11	GM_55_B1_F11_T7	
	2503	GM_55_B1_F11		GM_55_B1_F11_MR
	2504	GM_55_B1_F12	GM_55_B1_F12_T7	
	2505	GM_55_B1_F12		GM_55_B1_F12_MR
	2506	GM_55_B1_G01	GM_55_B1_G01_T7	
35	2507	GM_55_B1_G01		GM_55_B1_G01_MR
	2508	GM_55_B1_G02	GM_55_B1_G02_T7	
	2509	GM_55_B1_G02		GM_55_B1_G02_MR
	2510	GM_55_B1_G03	GM_55_B1_G03_T7	
	2511	GM_55_B1_G03		GM_55_B1_G03_MR
40	2512	GM_55_B1_G04	GM_55_B1_G04_T7	
	2513	GM_55_B1_G04		GM_55_B1_G04_MR
	2514	GM_55_B1_G05	GM_55_B1_G05_T7	
	2515	GM_55_B1_G05		GM_55_B1_G05_MR
	2516	GM_55_B1_G06	GM_55_B1_G06_T7	
45	2517	GM_55_B1_G06		GM_55_B1_G06_MR
	2518	GM_55_B1_G07	GM_55_B1_G07_T7	
	2519	GM_55_B1_G07		GM_55_B1_G07_MR
	2520	GM_55_B1_G08	GM_55_B1_G08_T7	
	2521	GM_55_B1_G08		GM_55_B1_G08_MR
50	2522	GM_55_B1_G09	GM_55_B1_G09_T7	
	2523	GM_55_B1_G09		GM_55_B1_G09_MR
	2524	GM_55_B1_G10	GM_55_B1_G10_T7	
	2525	GM_55_B1_G10		GM_55_B1_G10_MR
	2526	GM_55_B1_G11		GM_55_B1_G11_MR
55	2527	GM_55_B1_G12	GM_55_B1_G12_T7	

	2528	GM_55_B1_G12		GM_55_B1_G12_MR
	2529	GM_55_B1_H01	GM_55_B1_H01_T7	
	2530	GM_55_B1_H01		GM_55_B1_H01_MR
	2531	GM_55_B1_H02	GM_55_B1_H02_T7	
5	2532	GM_55_B1_H02		GM_55_B1_H02_MR
	2533	GM_55_B1_H03	GM_55_B1_H03_T7	
	2534	GM_55_B1_H03		GM_55_B1_H03_MR
	2535	GM_55_B1_H04	GM_55_B1_H04_T7	
	2536	GM_55_B1_H04		GM_55_B1_H04_MR
10	2537	GM_55_B1_H05	GM_55_B1_H05_T7	
	2538	GM_55_B1_H06	GM_55_B1_H06_T7	
	2539	GM_55_B1_H06		GM_55_B1_H06_MR
	2540	GM_55_B1_H07	GM_55_B1_H07_T7	
	2541	GM_55_B1_H07		GM_55_B1_H07_MR
15	2542	GM_55_B1_H08		GM_55_B1_H08_MR
	2543	GM_55_B1_H09	GM_55_B1_H09_T7	
	2544	GM_55_B1_H09		GM_55_B1_H09_MR
	2545	GM_55_B1_H10	GM_55_B1_H10_T7	
	2546	GM_55_B1_H10		GM_55_B1_H10_MR
20	2547	GM_55_B1_H11	GM_55_B1_H11_T7	
	2548	GM_55_B1_H11		GM_55_B1_H11_MR
	2549	GM_55_B1_H12	GM_55_B1_H12_T7	
	2550	GM_55_B1_H12		GM_55_B1_H12_MR
	2551	GM_55_B2_A01	GM_55_B2_A01_T7	
25	2552	GM_55_B2_A01		GM_55_B2_A01_MR
	2553	GM_55_B2_A02	GM_55_B2_A02_T7	
	2554	GM_55_B2_A02		GM_55_B2_A02_MR
	2555	GM_55_B2_A03	GM_55_B2_A03_T7	
	2556	GM_55_B2_A03		GM_55_B2_A03_MR
30	2557	GM_55_B2_A04	GM_55_B2_A04_T7	
	2558	GM_55_B2_A04		GM_55_B2_A04_MR
	2559	GM_55_B2_A05	GM_55_B2_A05_T7	
	2560	GM_55_B2_A05		GM_55_B2_A05_MR
	2561	GM_55_B2_A06	GM_55_B2_A06_T7	
35	2562	GM_55_B2_A06		GM_55_B2_A06_MR
	2563	GM_55_B2_A07	GM_55_B2_A07_T7	
	2564	GM_55_B2_A07		GM_55_B2_A07_MR
	2565	GM_55_B2_A08	GM_55_B2_A08_T7	
	2566	GM_55_B2_A08		GM_55_B2_A08_MR
40	2567	GM_55_B2_A09	GM_55_B2_A09_T7	
	2568	GM_55_B2_A09		GM_55_B2_A09_MR
	2569	GM_55_B2_A10	GM_55_B2_A10_T7	
	2570	GM_55_B2_A10		GM_55_B2_A10_MR
	2571	GM_55_B2_A11	GM_55_B2_A11_T7	
45	2572	GM_55_B2_A11		GM_55_B2_A11_MR
	2573	GM_55_B2_A12	GM_55_B2_A12_T7	
	2574	GM_55_B2_A12		GM_55_B2_A12_MR
	2575	GM_55_B2_B01	GM_55_B2_B01_T7	
	2576	GM_55_B2_B01		GM_55_B2_B01_MR
50	2577	GM_55_B2_B02	GM_55_B2_B02_T7	
	2578	GM_55_B2_B02		GM_55_B2_B02_MR
	2579	GM_55_B2_B03	GM_55_B2_B03_T7	
	2580	GM_55_B2_B03		GM_55_B2_B03_MR
	2581	GM_55_B2_B04	GM_55_B2_B04_T7	
55	2582	GM_55_B2_B04		GM_55_B2_B04_MR

	2583	GM_55_B2_B05	GM_55_B2_B05_T7	
	2584	GM_55_B2_B05		GM_55_B2_B05_MR
	2585	GM_55_B2_B06	GM_55_B2_B06_T7	
	2586	GM_55_B2_B06		GM_55_B2_B06_MR
5	2587	GM_55_B2_B07	GM_55_B2_B07_T7	
	2588	GM_55_B2_B07		GM_55_B2_B07_MR
	2589	GM_55_B2_B08	GM_55_B2_B08_T7	
	2590	GM_55_B2_B08		GM_55_B2_B08_MR
	2591	GM_55_B2_B09	GM_55_B2_B09_T7	
10	2592	GM_55_B2_B09		GM_55_B2_B09_MR
	2593	GM_55_B2_B10	GM_55_B2_B10_T7	
	2594	GM_55_B2_B10		GM_55_B2_B10_MR
	2595	GM_55_B2_B11	GM_55_B2_B11_T7	
	2596	GM_55_B2_B11		GM_55_B2_B11_MR
15	2597	GM_55_B2_B12	GM_55_B2_B12_T7	
	2598	GM_55_B2_B12		GM_55_B2_B12_MR
	2599	GM_55_B2_C01	GM_55_B2_C01_T7	
	2600	GM_55_B2_C01		GM_55_B2_C01_MR
	2601	GM_55_B2_C02	GM_55_B2_C02_T7	
20	2602	GM_55_B2_C02		GM_55_B2_C02_MR
	2603	GM_55_B2_C03	GM_55_B2_C03_T7	
	2604	GM_55_B2_C03		GM_55_B2_C03_MR
	2605	GM_55_B2_C04	GM_55_B2_C04_T7	
	2606	GM_55_B2_C04		GM_55_B2_C04_MR
25	2607	GM_55_B2_C05	GM_55_B2_C05_T7	
	2608	GM_55_B2_C05		GM_55_B2_C05_MR
	2609	GM_55_B2_C06	GM_55_B2_C06_T7	
	2610	GM_55_B2_C06		GM_55_B2_C06_MR
	2611	GM_55_B2_C07	GM_55_B2_C07_T7	
30	2612	GM_55_B2_C07		GM_55_B2_C07_MR
	2613	GM_55_B2_C08	GM_55_B2_C08_T7	
	2614	GM_55_B2_C08		GM_55_B2_C08_MR
	2615	GM_55_B2_C09	GM_55_B2_C09_T7	
	2616	GM_55_B2_C09		GM_55_B2_C09_MR
35	2617	GM_55_B2_C10	GM_55_B2_C10_T7	
	2618	GM_55_B2_C10		GM_55_B2_C10_MR
	2619	GM_55_B2_C11	GM_55_B2_C11_T7	
	2620	GM_55_B2_C11		GM_55_B2_C11_MR
	2621	GM_55_B2_C12	GM_55_B2_C12_T7	
40	2622	GM_55_B2_C12		GM_55_B2_C12_MR
	2623	GM_55_B2_D01	GM_55_B2_D01_T7	
	2624	GM_55_B2_D01		GM_55_B2_D01_MR
	2625	GM_55_B2_D02	GM_55_B2_D02_T7	
	2626	GM_55_B2_D02		GM_55_B2_D02_MR
45	2627	GM_55_B2_D03	GM_55_B2_D03_T7	
	2628	GM_55_B2_D03		GM_55_B2_D03_MR
	2629	GM_55_B2_D04		GM_55_B2_D04_MR
	2630	GM_55_B2_D05	GM_55_B2_D05_T7	
	2631	GM_55_B2_D05		GM_55_B2_D05_MR
50	2632	GM_55_B2_D06	GM_55_B2_D06_T7	
	2633	GM_55_B2_D06		GM_55_B2_D06_MR
	2634	GM_55_B2_D07	GM_55_B2_D07_T7	
	2635	GM_55_B2_D07		GM_55_B2_D07_MR
	2636	GM_55_B2_D08	GM_55_B2_D08_T7	
55	2637	GM_55_B2_D08		GM_55_B2_D08_MR

	2638	GM_55_B2_D09	GM_55_B2_D09_T7	
	2639	GM_55_B2_D09		GM_55_B2_D09_MR
	2640	GM_55_B2_D10	GM_55_B2_D10_T7	
	2641	GM_55_B2_D10		GM_55_B2_D10_MR
5	2642	GM_55_B2_D11	GM_55_B2_D11_T7	
	2643	GM_55_B2_D11		GM_55_B2_D11_MR
	2644	GM_55_B2_D12	GM_55_B2_D12_T7	
	2645	GM_55_B2_D12		GM_55_B2_D12_MR
	2646	GM_55_B2_E01	GM_55_B2_E01_T7	
10	2647	GM_55_B2_E01		GM_55_B2_E01_MR
	2648	GM_55_B2_E02	GM_55_B2_E02_T7	
	2649	GM_55_B2_E02		GM_55_B2_E02_MR
	2650	GM_55_B2_E03	GM_55_B2_E03_T7	
	2651	GM_55_B2_E03		GM_55_B2_E03_MR
15	2652	GM_55_B2_E04	GM_55_B2_E04_T7	
	2653	GM_55_B2_E04		GM_55_B2_E04_MR
	2654	GM_55_B2_E05	GM_55_B2_E05_T7	
	2655	GM_55_B2_E06	GM_55_B2_E06_T7	
	2656	GM_55_B2_E06		GM_55_B2_E06_MR
20	2657	GM_55_B2_E07	GM_55_B2_E07_T7	
	2658	GM_55_B2_E07		GM_55_B2_E07_MR
	2659	GM_55_B2_E08	GM_55_B2_E08_T7	
	2660	GM_55_B2_E08		GM_55_B2_E08_MR
	2661	GM_55_B2_E09	GM_55_B2_E09_T7	
25	2662	GM_55_B2_E09		GM_55_B2_E09_MR
	2663	GM_55_B2_E10	GM_55_B2_E10_T7	
	2664	GM_55_B2_E10		GM_55_B2_E10_MR
	2665	GM_55_B2_E11	GM_55_B2_E11_T7	
	2666	GM_55_B2_E11		GM_55_B2_E11_MR
30	2667	GM_55_B2_E12		GM_55_B2_E12_MR
	2668	GM_55_B2_F01	GM_55_B2_F01_T7	
	2669	GM_55_B2_F01		GM_55_B2_F01_MR
	2670	GM_55_B2_F02	GM_55_B2_F02_T7	
	2671	GM_55_B2_F02		GM_55_B2_F02_MR
35	2672	GM_55_B2_F03	GM_55_B2_F03_T7	
	2673	GM_55_B2_F03		GM_55_B2_F03_MR
	2674	GM_55_B2_F04	GM_55_B2_F04_T7	
	2675	GM_55_B2_F04		GM_55_B2_F04_MR
	2676	GM_55_B2_F05	GM_55_B2_F05_T7	
40	2677	GM_55_B2_F06	GM_55_B2_F06_T7	
	2678	GM_55_B2_F06		GM_55_B2_F06_MR
	2679	GM_55_B2_F07	GM_55_B2_F07_T7	
	2680	GM_55_B2_F07		GM_55_B2_F07_MR
	2681	GM_55_B2_F08	GM_55_B2_F08_T7	
45	2682	GM_55_B2_F08		GM_55_B2_F08_MR
	2683	GM_55_B2_F09	GM_55_B2_F09_T7	
	2684	GM_55_B2_F09		GM_55_B2_F09_MR
	2685	GM_55_B2_F10	GM_55_B2_F10_T7	
	2686	GM_55_B2_F10		GM_55_B2_F10_MR
50	2687	GM_55_B2_F11	GM_55_B2_F11_T7	
	2688	GM_55_B2_F11		GM_55_B2_F11_MR
	2689	GM_55_B2_F12	GM_55_B2_F12_T7	
	2690	GM_55_B2_F12		GM_55_B2_F12_MR
	2691	GM_55_B2_G01	GM_55_B2_G01_T7	
55	2692	GM_55_B2_G02	GM_55_B2_G02_T7	

	2693	GM_55_B2_G02		GM_55_B2_G02_MR
	2694	GM_55_B2_G03	GM_55_B2_G03_T7	
	2695	GM_55_B2_G03		GM_55_B2_G03_MR
	2696	GM_55_B2_G04	GM_55_B2_G04_T7	
5	2697	GM_55_B2_G04		GM_55_B2_G04_MR
	2698	GM_55_B2_G05		GM_55_B2_G05_MR
	2699	GM_55_B2_G06	GM_55_B2_G06_T7	
	2700	GM_55_B2_G06		GM_55_B2_G06_MR
	2701	GM_55_B2_G07	GM_55_B2_G07_T7	
10	2702	GM_55_B2_G07		GM_55_B2_G07_MR
	2703	GM_55_B2_G08	GM_55_B2_G08_T7	
	2704	GM_55_B2_G08		GM_55_B2_G08_MR
	2705	GM_55_B2_G09	GM_55_B2_G09_T7	
	2706	GM_55_B2_G09		GM_55_B2_G09_MR
15	2707	GM_55_B2_G10	GM_55_B2_G10_T7	
	2708	GM_55_B2_G10		GM_55_B2_G10_MR
	2709	GM_55_B2_G11	GM_55_B2_G11_T7	
	2710	GM_55_B2_G11		GM_55_B2_G11_MR
	2711	GM_55_B2_G12	GM_55_B2_G12_T7	
20	2712	GM_55_B2_G12		GM_55_B2_G12_MR
	2713	GM_55_B2_H01	GM_55_B2_H01_T7	
	2714	GM_55_B2_H01		GM_55_B2_H01_MR
	2715	GM_55_B2_H02	GM_55_B2_H02_T7	
	2716	GM_55_B2_H02		GM_55_B2_H02_MR
25	2717	GM_55_B2_H03	GM_55_B2_H03_T7	
	2718	GM_55_B2_H03		GM_55_B2_H03_MR
	2719	GM_55_B2_H04	GM_55_B2_H04_T7	
	2720	GM_55_B2_H04		GM_55_B2_H04_MR
	2721	GM_55_B2_H05	GM_55_B2_H05_T7	
30	2722	GM_55_B2_H06	GM_55_B2_H06_T7	
	2723	GM_55_B2_H06		GM_55_B2_H06_MR
	2724	GM_55_B2_H07	GM_55_B2_H07_T7	
	2725	GM_55_B2_H07		GM_55_B2_H07_MR
	2726	GM_55_B2_H08	GM_55_B2_H08_T7	
35	2727	GM_55_B2_H08		GM_55_B2_H08_MR
	2728	GM_55_B2_H09	GM_55_B2_H09_T7	
	2729	GM_55_B2_H09		GM_55_B2_H09_MR
	2730	GM_55_B2_H10	GM_55_B2_H10_T7	
	2731	GM_55_B2_H10		GM_55_B2_H10_MR
40	2732	GM_55_B2_H11	GM_55_B2_H11_T7	
	2733	GM_55_B2_H11		GM_55_B2_H11_MR
	2734	GM_55_B2_H12	GM_55_B2_H12_T7	
	2735	GM_55_B2_H12		GM_55_B2_H12_MR
	2736	GM_56_A1_A01	GM_56_A1_A01_T7	
45	2737	GM_56_A1_A01		GM_56_A1_A01_MR
	2738	GM_56_A1_A02	GM_56_A1_A02_T7	
	2739	GM_56_A1_A02		GM_56_A1_A02_MR
	2740	GM_56_A1_A03	GM_56_A1_A03_T7	
	2741	GM_56_A1_A03		GM_56_A1_A03_MR
50	2742	GM_56_A1_A04	GM_56_A1_A04_T7	
	2743	GM_56_A1_A04		GM_56_A1_A04_MR
	2744	GM_56_A1_A05	GM_56_A1_A05_T7	
	2745	GM_56_A1_A05		GM_56_A1_A05_MR
	2746	GM_56_A1_A06	GM_56_A1_A06_T7	
55	2747	GM_56_A1_A06		GM_56_A1_A06_MR

	2748	GM_56_A1_A07	GM_56_A1_A07_T7	
	2749	GM_56_A1_A07		GM_56_A1_A07_MR
	2750	GM_56_A1_A08	GM_56_A1_A08_T7	
	2751	GM_56_A1_A08		GM_56_A1_A08_MR
5	2752	GM_56_A1_A09	GM_56_A1_A09_T7	
	2753	GM_56_A1_A09		GM_56_A1_A09_MR
	2754	GM_56_A1_A10	GM_56_A1_A10_T7	
	2755	GM_56_A1_A10		GM_56_A1_A10_MR
	2756	GM_56_A1_A11	GM_56_A1_A11_T7	
10	2757	GM_56_A1_A11		GM_56_A1_A11_MR
	2758	GM_56_A1_A12	GM_56_A1_A12_T7	
	2759	GM_56_A1_A12		GM_56_A1_A12_MR
	2760	GM_56_A1_B01	GM_56_A1_B01_T7	
	2761	GM_56_A1_B01		GM_56_A1_B01_MR
15	2762	GM_56_A1_B02	GM_56_A1_B02_T7	
	2763	GM_56_A1_B02		GM_56_A1_B02_MR
	2764	GM_56_A1_B03	GM_56_A1_B03_T7	
	2765	GM_56_A1_B03		GM_56_A1_B03_MR
	2766	GM_56_A1_B04	GM_56_A1_B04_T7	
20	2767	GM_56_A1_B04		GM_56_A1_B04_MR
	2768	GM_56_A1_B05	GM_56_A1_B05_T7	
	2769	GM_56_A1_B05		GM_56_A1_B05_MR
	2770	GM_56_A1_B06	GM_56_A1_B06_T7	
	2771	GM_56_A1_B06		GM_56_A1_B06_MR
25	2772	GM_56_A1_B07	GM_56_A1_B07_T7	
	2773	GM_56_A1_B07		GM_56_A1_B07_MR
	2774	GM_56_A1_B08	GM_56_A1_B08_T7	
	2775	GM_56_A1_B08		GM_56_A1_B08_MR
	2776	GM_56_A1_B09	GM_56_A1_B09_T7	
30	2777	GM_56_A1_B09		GM_56_A1_B09_MR
	2778	GM_56_A1_B10	GM_56_A1_B10_T7	
	2779	GM_56_A1_B10		GM_56_A1_B10_MR
	2780	GM_56_A1_B11	GM_56_A1_B11_T7	
	2781	GM_56_A1_B11		GM_56_A1_B11_MR
35	2782	GM_56_A1_B12	GM_56_A1_B12_T7	
	2783	GM_56_A1_B12		GM_56_A1_B12_MR
	2784	GM_56_A1_C01	GM_56_A1_C01_T7	
	2785	GM_56_A1_C01		GM_56_A1_C01_MR
	2786	GM_56_A1_C02	GM_56_A1_C02_T7	
40	2787	GM_56_A1_C02		GM_56_A1_C02_MR
	2788	GM_56_A1_C03	GM_56_A1_C03_T7	
	2789	GM_56_A1_C03		GM_56_A1_C03_MR
	2790	GM_56_A1_C04	GM_56_A1_C04_T7	
	2791	GM_56_A1_C04		GM_56_A1_C04_MR
45	2792	GM_56_A1_C05	GM_56_A1_C05_T7	
	2793	GM_56_A1_C05		GM_56_A1_C05_MR
	2794	GM_56_A1_C06	GM_56_A1_C06_T7	
	2795	GM_56_A1_C06		GM_56_A1_C06_MR
	2796	GM_56_A1_C07	GM_56_A1_C07_T7	
50	2797	GM_56_A1_C07		GM_56_A1_C07_MR
	2798	GM_56_A1_C08	GM_56_A1_C08_T7	
	2799	GM_56_A1_C08		GM_56_A1_C08_MR
	2800	GM_56_A1_C09	GM_56_A1_C09_T7	
	2801	GM_56_A1_C09		GM_56_A1_C09_MR
55	2802	GM_56_A1_C10	GM_56_A1_C10_T7	

	2803	GM_56_A1_C10		GM_56_A1_C10_MR
	2804	GM_56_A1_C11	GM_56_A1_C11_T7	
	2805	GM_56_A1_C11		GM_56_A1_C11_MR
	2806	GM_56_A1_C12	GM_56_A1_C12_T7	
5	2807	GM_56_A1_C12		GM_56_A1_C12_MR
	2808	GM_56_A1_D01		GM_56_A1_D01_MR
	2809	GM_56_A1_D02	GM_56_A1_D02_T7	
	2810	GM_56_A1_D02		GM_56_A1_D02_MR
	2811	GM_56_A1_D03	GM_56_A1_D03_T7	
10	2812	GM_56_A1_D03		GM_56_A1_D03_MR
	2813	GM_56_A1_D04	GM_56_A1_D04_T7	
	2814	GM_56_A1_D04		GM_56_A1_D04_MR
	2815	GM_56_A1_D05	GM_56_A1_D05_T7	
	2816	GM_56_A1_D05		GM_56_A1_D05_MR
15	2817	GM_56_A1_D06	GM_56_A1_D06_T7	
	2818	GM_56_A1_D06		GM_56_A1_D06_MR
	2819	GM_56_A1_D07	GM_56_A1_D07_T7	
	2820	GM_56_A1_D07		GM_56_A1_D07_MR
	2821	GM_56_A1_D08	GM_56_A1_D08_T7	
20	2822	GM_56_A1_D08		GM_56_A1_D08_MR
	2823	GM_56_A1_D09	GM_56_A1_D09_T7	
	2824	GM_56_A1_D09		GM_56_A1_D09_MR
	2825	GM_56_A1_D10	GM_56_A1_D10_T7	
	2826	GM_56_A1_D10		GM_56_A1_D10_MR
25	2827	GM_56_A1_D11	GM_56_A1_D11_T7	
	2828	GM_56_A1_D11		GM_56_A1_D11_MR
	2829	GM_56_A1_D12	GM_56_A1_D12_T7	
	2830	GM_56_A1_D12		GM_56_A1_D12_MR
	2831	GM_56_A1_E01	GM_56_A1_E01_T7	
30	2832	GM_56_A1_E01		GM_56_A1_E01_MR
	2833	GM_56_A1_E02	GM_56_A1_E02_T7	
	2834	GM_56_A1_E02		GM_56_A1_E02_MR
	2835	GM_56_A1_E03	GM_56_A1_E03_T7	
	2836	GM_56_A1_E03		GM_56_A1_E03_MR
35	2837	GM_56_A1_E04	GM_56_A1_E04_T7	
	2838	GM_56_A1_E04		GM_56_A1_E04_MR
	2839	GM_56_A1_E05	GM_56_A1_E05_T7	
	2840	GM_56_A1_E05		GM_56_A1_E05_MR
	2841	GM_56_A1_E06	GM_56_A1_E06_T7	
40	2842	GM_56_A1_E06		GM_56_A1_E06_MR
	2843	GM_56_A1_E07	GM_56_A1_E07_T7	
	2844	GM_56_A1_E07		GM_56_A1_E07_MR
	2845	GM_56_A1_E08	GM_56_A1_E08_T7	
	2846	GM_56_A1_E08		GM_56_A1_E08_MR
45	2847	GM_56_A1_E09	GM_56_A1_E09_T7	
	2848	GM_56_A1_E09		GM_56_A1_E09_MR
	2849	GM_56_A1_E10	GM_56_A1_E10_T7	
	2850	GM_56_A1_E10		GM_56_A1_E10_MR
	2851	GM_56_A1_E11	GM_56_A1_E11_T7	
50	2852	GM_56_A1_E11		GM_56_A1_E11_MR
	2853	GM_56_A1_E12	GM_56_A1_E12_T7	
	2854	GM_56_A1_E12		GM_56_A1_E12_MR
	2855	GM_56_A1_F01	GM_56_A1_F01_T7	
	2856	GM_56_A1_F01		GM_56_A1_F01_MR
55	2857	GM_56_A1_F02		GM_56_A1_F02_MR

	2858	GM_56_A1_F03		GM_56_A1_F03_MR
	2859	GM_56_A1_F04	GM_56_A1_F04_T7	
	2860	GM_56_A1_F04		GM_56_A1_F04_MR
	2861	GM_56_A1_F05	GM_56_A1_F05_T7	
5	2862	GM_56_A1_F05		GM_56_A1_F05_MR
	2863	GM_56_A1_F06		GM_56_A1_F06_MR
	2864	GM_56_A1_F07	GM_56_A1_F07_T7	
	2865	GM_56_A1_F07		GM_56_A1_F07_MR
	2866	GM_56_A1_F08	GM_56_A1_F08_T7	
10	2867	GM_56_A1_F08		GM_56_A1_F08_MR
	2868	GM_56_A1_F09	GM_56_A1_F09_T7	
	2869	GM_56_A1_F09		GM_56_A1_F09_MR
	2870	GM_56_A1_F10	GM_56_A1_F10_T7	
	2871	GM_56_A1_F10		GM_56_A1_F10_MR
15	2872	GM_56_A1_F11	GM_56_A1_F11_T7	
	2873	GM_56_A1_F11		GM_56_A1_F11_MR
	2874	GM_56_A1_F12	GM_56_A1_F12_T7	
	2875	GM_56_A1_F12		GM_56_A1_F12_MR
	2876	GM_56_A1_G01	GM_56_A1_G01_T7	
20	2877	GM_56_A1_G01		GM_56_A1_G01_MR
	2878	GM_56_A1_G02	GM_56_A1_G02_T7	
	2879	GM_56_A1_G02		GM_56_A1_G02_MR
	2880	GM_56_A1_G03	GM_56_A1_G03_T7	
	2881	GM_56_A1_G03		GM_56_A1_G03_MR
25	2882	GM_56_A1_G04	GM_56_A1_G04_T7	
	2883	GM_56_A1_G04		GM_56_A1_G04_MR
	2884	GM_56_A1_G05	GM_56_A1_G05_T7	
	2885	GM_56_A1_G05		GM_56_A1_G05_MR
	2886	GM_56_A1_G06	GM_56_A1_G06_T7	
30	2887	GM_56_A1_G06		GM_56_A1_G06_MR
	2888	GM_56_A1_G07	GM_56_A1_G07_T7	
	2889	GM_56_A1_G07		GM_56_A1_G07_MR
	2890	GM_56_A1_G08	GM_56_A1_G08_T7	
	2891	GM_56_A1_G08		GM_56_A1_G08_MR
35	2892	GM_56_A1_G09	GM_56_A1_G09_T7	
	2893	GM_56_A1_G09		GM_56_A1_G09_MR
	2894	GM_56_A1_G10	GM_56_A1_G10_T7	
	2895	GM_56_A1_G10		GM_56_A1_G10_MR
	2896	GM_56_A1_G11	GM_56_A1_G11_T7	
40	2897	GM_56_A1_G11		GM_56_A1_G11_MR
	2898	GM_56_A1_G12	GM_56_A1_G12_T7	
	2899	GM_56_A1_G12		GM_56_A1_G12_MR
	2900	GM_56_A1_H01	GM_56_A1_H01_T7	
	2901	GM_56_A1_H01		GM_56_A1_H01_MR
45	2902	GM_56_A1_H02	GM_56_A1_H02_T7	
	2903	GM_56_A1_H02		GM_56_A1_H02_MR
	2904	GM_56_A1_H03	GM_56_A1_H03_T7	
	2905	GM_56_A1_H04	GM_56_A1_H04_T7	
	2906	GM_56_A1_H04		GM_56_A1_H04_MR
50	2907	GM_56_A1_H05	GM_56_A1_H05_T7	
	2908	GM_56_A1_H05		GM_56_A1_H05_MR
	2909	GM_56_A1_H06	GM_56_A1_H06_T7	
	2910	GM_56_A1_H07	GM_56_A1_H07_T7	
	2911	GM_56_A1_H07		GM_56_A1_H07_MR
55	2912	GM_56_A1_H08	GM_56_A1_H08_T7	

	2913	GM_56_A1_H08		GM_56_A1_H08_MR
	2914	GM_56_A1_H09	GM_56_A1_H09_T7	
	2915	GM_56_A1_H09		GM_56_A1_H09_MR
	2916	GM_56_A1_H10	GM_56_A1_H10_T7	
5	2917	GM_56_A1_H10		GM_56_A1_H10_MR
	2918	GM_56_A1_H11	GM_56_A1_H11_T7	
	2919	GM_56_A1_H11		GM_56_A1_H11_MR
	2920	GM_56_A1_H12	GM_56_A1_H12_T7	
	2921	GM_56_A1_H12		GM_56_A1_H12_MR
10	2922	GM_56_A2_A01		GM_56_A2_A01_MR
	2923	GM_56_A2_A02		GM_56_A2_A02_MR
	2924	GM_56_A2_A03		GM_56_A2_A03_MR
	2925	GM_56_A2_A04		GM_56_A2_A04_MR
	2926	GM_56_A2_A05		GM_56_A2_A05_MR
15	2927	GM_56_A2_A06		GM_56_A2_A06_MR
	2928	GM_56_A2_A07		GM_56_A2_A07_MR
	2929	GM_56_A2_A08		GM_56_A2_A08_MR
	2930	GM_56_A2_A09		GM_56_A2_A09_MR
	2931	GM_56_A2_A10		GM_56_A2_A10_MR
20	2932	GM_56_A2_A11		GM_56_A2_A11_MR
	2933	GM_56_A2_A12		GM_56_A2_A12_MR
	2934	GM_56_A2_B01		GM_56_A2_B01_MR
	2935	GM_56_A2_B02		GM_56_A2_B02_MR
	2936	GM_56_A2_B03		GM_56_A2_B03_MR
25	2937	GM_56_A2_B04		GM_56_A2_B04_MR
	2938	GM_56_A2_B05		GM_56_A2_B05_MR
	2939	GM_56_A2_B06		GM_56_A2_B06_MR
	2940	GM_56_A2_B07		GM_56_A2_B07_MR
	2941	GM_56_A2_B08		GM_56_A2_B08_MR
30	2942	GM_56_A2_B09		GM_56_A2_B09_MR
	2943	GM_56_A2_B10		GM_56_A2_B10_MR
	2944	GM_56_A2_B11		GM_56_A2_B11_MR
	2945	GM_56_A2_B12		GM_56_A2_B12_MR
	2946	GM_56_A2_C01		GM_56_A2_C01_MR
35	2947	GM_56_A2_C02		GM_56_A2_C02_MR
	2948	GM_56_A2_C03		GM_56_A2_C03_MR
	2949	GM_56_A2_C04		GM_56_A2_C04_MR
	2950	GM_56_A2_C05		GM_56_A2_C05_MR
	2951	GM_56_A2_C06		GM_56_A2_C06_MR
40	2952	GM_56_A2_C07		GM_56_A2_C07_MR
	2953	GM_56_A2_C08		GM_56_A2_C08_MR
	2954	GM_56_A2_C09		GM_56_A2_C09_MR
	2955	GM_56_A2_C10		GM_56_A2_C10_MR
	2956	GM_56_A2_C11		GM_56_A2_C11_MR
45	2957	GM_56_A2_C12		GM_56_A2_C12_MR
	2958	GM_56_A2_D01		GM_56_A2_D01_MR
	2959	GM_56_A2_D02		GM_56_A2_D02_MR
	2960	GM_56_A2_D03		GM_56_A2_D03_MR
	2961	GM_56_A2_D04		GM_56_A2_D04_MR
50	2962	GM_56_A2_D05		GM_56_A2_D05_MR
	2963	GM_56_A2_D06		GM_56_A2_D06_MR
	2964	GM_56_A2_D07		GM_56_A2_D07_MR
	2965	GM_56_A2_D08		GM_56_A2_D08_MR
	2966	GM_56_A2_D09		GM_56_A2_D09_MR
55	2967	GM_56_A2_D10		GM_56_A2_D10_MR

	2968	GM_56_A2_D11		GM_56_A2_D11_MR
	2969	GM_56_A2_D12		GM_56_A2_D12_MR
	2970	GM_56_A2_E01		GM_56_A2_E01_MR
	2971	GM_56_A2_E02		GM_56_A2_E02_MR
5	2972	GM_56_A2_E03		GM_56_A2_E03_MR
	2973	GM_56_A2_E04		GM_56_A2_E04_MR
	2974	GM_56_A2_E05		GM_56_A2_E05_MR
	2975	GM_56_A2_E06		GM_56_A2_E06_MR
	2976	GM_56_A2_E07		GM_56_A2_E07_MR
10	2977	GM_56_A2_E08		GM_56_A2_E08_MR
	2978	GM_56_A2_E09		GM_56_A2_E09_MR
	2979	GM_56_A2_E10		GM_56_A2_E10_MR
	2980	GM_56_A2_E11		GM_56_A2_E11_MR
	2981	GM_56_A2_E12		GM_56_A2_E12_MR
15	2982	GM_56_A2_F01		GM_56_A2_F01_MR
	2983	GM_56_A2_F02		GM_56_A2_F02_MR
	2984	GM_56_A2_F03		GM_56_A2_F03_MR
	2985	GM_56_A2_F04		GM_56_A2_F04_MR
	2986	GM_56_A2_F05		GM_56_A2_F05_MR
20	2987	GM_56_A2_F06		GM_56_A2_F06_MR
	2988	GM_56_A2_F07		GM_56_A2_F07_MR
	2989	GM_56_A2_F09		GM_56_A2_F09_MR
	2990	GM_56_A2_F10		GM_56_A2_F10_MR
	2991	GM_56_A2_F11		GM_56_A2_F11_MR
25	2992	GM_56_A2_F12		GM_56_A2_F12_MR
	2993	GM_56_A2_G01		GM_56_A2_G01_MR
	2994	GM_56_A2_G02		GM_56_A2_G02_MR
	2995	GM_56_A2_G03		GM_56_A2_G03_MR
	2996	GM_56_A2_G04		GM_56_A2_G04_MR
30	2997	GM_56_A2_G05		GM_56_A2_G05_MR
	2998	GM_56_A2_G06		GM_56_A2_G06_MR
	2999	GM_56_A2_G07		GM_56_A2_G07_MR
	3000	GM_56_A2_G08		GM_56_A2_G08_MR
	3001	GM_56_A2_G09		GM_56_A2_G09_MR
35	3002	GM_56_A2_G10		GM_56_A2_G10_MR
	3003	GM_56_A2_G11		GM_56_A2_G11_MR
	3004	GM_56_A2_G12		GM_56_A2_G12_MR
	3005	GM_56_A2_H01		GM_56_A2_H01_MR
	3006	GM_56_A2_H02		GM_56_A2_H02_MR
40	3007	GM_56_A2_H03		GM_56_A2_H03_MR
	3008	GM_56_A2_H04		GM_56_A2_H04_MR
	3009	GM_56_A2_H05		GM_56_A2_H05_MR
	3010	GM_56_A2_H06		GM_56_A2_H06_MR
	3011	GM_56_A2_H07		GM_56_A2_H07_MR
45	3012	GM_56_A2_H08		GM_56_A2_H08_MR
	3013	GM_56_A2_H09		GM_56_A2_H09_MR
	3014	GM_56_A2_H10		GM_56_A2_H10_MR
	3015	GM_56_A2_H11		GM_56_A2_H11_MR
	3016	GM_56_A2_H12		GM_56_A2_H12_MR
50	3017	GM_56_B1_A01	GM_56_B1_A01_T7	GM_56_B1_A01_MR
	3018	GM_56_B1_A01		
	3019	GM_56_B1_A02	GM_56_B1_A02_T7	GM_56_B1_A02_MR
	3020	GM_56_B1_A02		
	3021	GM_56_B1_A03	GM_56_B1_A03_T7	GM_56_B1_A03_MR
55	3022	GM_56_B1_A03		

	3023	GM_56_B1_A04	GM_56_B1_A04_T7	
	3024	GM_56_B1_A04		GM_56_B1_A04_MR
	3025	GM_56_B1_A05	GM_56_B1_A05_T7	
	3026	GM_56_B1_A05		GM_56_B1_A05_MR
5	3027	GM_56_B1_A06	GM_56_B1_A06_T7	
	3028	GM_56_B1_A06		GM_56_B1_A06_MR
	3029	GM_56_B1_A07	GM_56_B1_A07_T7	
	3030	GM_56_B1_A07		GM_56_B1_A07_MR
	3031	GM_56_B1_A08	GM_56_B1_A08_T7	
10	3032	GM_56_B1_A08		GM_56_B1_A08_MR
	3033	GM_56_B1_A09	GM_56_B1_A09_T7	
	3034	GM_56_B1_A09		GM_56_B1_A09_MR
	3035	GM_56_B1_A10	GM_56_B1_A10_T7	
	3036	GM_56_B1_A10		GM_56_B1_A10_MR
15	3037	GM_56_B1_A11	GM_56_B1_A11_T7	
	3038	GM_56_B1_A11		GM_56_B1_A11_MR
	3039	GM_56_B1_A12	GM_56_B1_A12_T7	
	3040	GM_56_B1_A12		GM_56_B1_A12_MR
	3041	GM_56_B1_B01	GM_56_B1_B01_T7	
20	3042	GM_56_B1_B01		GM_56_B1_B01_MR
	3043	GM_56_B1_B02	GM_56_B1_B02_T7	
	3044	GM_56_B1_B02		GM_56_B1_B02_MR
	3045	GM_56_B1_B03	GM_56_B1_B03_T7	
	3046	GM_56_B1_B03		GM_56_B1_B03_MR
25	3047	GM_56_B1_B04	GM_56_B1_B04_T7	
	3048	GM_56_B1_B04		GM_56_B1_B04_MR
	3049	GM_56_B1_B05	GM_56_B1_B05_T7	
	3050	GM_56_B1_B05		GM_56_B1_B05_MR
	3051	GM_56_B1_B06	GM_56_B1_B06_T7	
30	3052	GM_56_B1_B06		GM_56_B1_B06_MR
	3053	GM_56_B1_B07	GM_56_B1_B07_T7	
	3054	GM_56_B1_B07		GM_56_B1_B07_MR
	3055	GM_56_B1_B08	GM_56_B1_B08_T7	
	3056	GM_56_B1_B08		GM_56_B1_B08_MR
35	3057	GM_56_B1_B09	GM_56_B1_B09_T7	
	3058	GM_56_B1_B09		GM_56_B1_B09_MR
	3059	GM_56_B1_B10	GM_56_B1_B10_T7	
	3060	GM_56_B1_B10		GM_56_B1_B10_MR
	3061	GM_56_B1_B11	GM_56_B1_B11_T7	
40	3062	GM_56_B1_B11		GM_56_B1_B11_MR
	3063	GM_56_B1_B12	GM_56_B1_B12_T7	
	3064	GM_56_B1_B12		GM_56_B1_B12_MR
	3065	GM_56_B1_C01	GM_56_B1_C01_T7	
	3066	GM_56_B1_C01		GM_56_B1_C01_MR
45	3067	GM_56_B1_C02	GM_56_B1_C02_T7	
	3068	GM_56_B1_C02		GM_56_B1_C02_MR
	3069	GM_56_B1_C03	GM_56_B1_C03_T7	
	3070	GM_56_B1_C03		GM_56_B1_C03_MR
	3071	GM_56_B1_C04	GM_56_B1_C04_T7	
50	3072	GM_56_B1_C04		GM_56_B1_C04_MR
	3073	GM_56_B1_C05	GM_56_B1_C05_T7	
	3074	GM_56_B1_C05		GM_56_B1_C05_MR
	3075	GM_56_B1_C07	GM_56_B1_C07_T7	
	3076	GM_56_B1_C07		GM_56_B1_C07_MR
55	3077	GM_56_B1_C08	GM_56_B1_C08_T7	

	3078	GM_56_B1_C08		GM_56_B1_C08_MR
	3079	GM_56_B1_C09	GM_56_B1_C09_T7	
	3080	GM_56_B1_C09		GM_56_B1_C09_MR
	3081	GM_56_B1_C10	GM_56_B1_C10_T7	
5	3082	GM_56_B1_C10		GM_56_B1_C10_MR
	3083	GM_56_B1_C11		GM_56_B1_C11_MR
	3084	GM_56_B1_C12	GM_56_B1_C12_T7	
	3085	GM_56_B1_C12		GM_56_B1_C12_MR
	3086	GM_56_B1_D01	GM_56_B1_D01_T7	
10	3087	GM_56_B1_D01		GM_56_B1_D01_MR
	3088	GM_56_B1_D02	GM_56_B1_D02_T7	
	3089	GM_56_B1_D02		GM_56_B1_D02_MR
	3090	GM_56_B1_D03	GM_56_B1_D03_T7	
	3091	GM_56_B1_D03		GM_56_B1_D03_MR
15	3092	GM_56_B1_D04	GM_56_B1_D04_T7	
	3093	GM_56_B1_D04		GM_56_B1_D04_MR
	3094	GM_56_B1_D05	GM_56_B1_D05_T7	
	3095	GM_56_B1_D05		GM_56_B1_D05_MR
	3096	GM_56_B1_D06	GM_56_B1_D06_T7	
20	3097	GM_56_B1_D06		GM_56_B1_D06_MR
	3098	GM_56_B1_D07	GM_56_B1_D07_T7	
	3099	GM_56_B1_D07		GM_56_B1_D07_MR
	3100	GM_56_B1_D08		GM_56_B1_D08_MR
	3101	GM_56_B1_D09	GM_56_B1_D09_T7	
25	3102	GM_56_B1_D09		GM_56_B1_D09_MR
	3103	GM_56_B1_D10		GM_56_B1_D10_MR
	3104	GM_56_B1_D11	GM_56_B1_D11_T7	
	3105	GM_56_B1_D12		GM_56_B1_D12_MR
	3106	GM_56_B1_E01	GM_56_B1_E01_T7	
30	3107	GM_56_B1_E01		GM_56_B1_E01_MR
	3108	GM_56_B1_E02	GM_56_B1_E02_T7	
	3109	GM_56_B1_E02		GM_56_B1_E02_MR
	3110	GM_56_B1_E03	GM_56_B1_E03_T7	
	3111	GM_56_B1_E03		GM_56_B1_E03_MR
35	3112	GM_56_B1_E04	GM_56_B1_E04_T7	
	3113	GM_56_B1_E04		GM_56_B1_E04_MR
	3114	GM_56_B1_E05	GM_56_B1_E05_T7	
	3115	GM_56_B1_E05		GM_56_B1_E05_MR
	3116	GM_56_B1_E06	GM_56_B1_E06_T7	
40	3117	GM_56_B1_E06		GM_56_B1_E06_MR
	3118	GM_56_B1_E07	GM_56_B1_E07_T7	
	3119	GM_56_B1_E07		GM_56_B1_E07_MR
	3120	GM_56_B1_E08	GM_56_B1_E08_T7	
	3121	GM_56_B1_E08		GM_56_B1_E08_MR
45	3122	GM_56_B1_E09	GM_56_B1_E09_T7	
	3123	GM_56_B1_E09		GM_56_B1_E09_MR
	3124	GM_56_B1_E10	GM_56_B1_E10_T7	
	3125	GM_56_B1_E10		GM_56_B1_E10_MR
	3126	GM_56_B1_E11	GM_56_B1_E11_T7	
50	3127	GM_56_B1_E11		GM_56_B1_E11_MR
	3128	GM_56_B1_E12	GM_56_B1_E12_T7	
	3129	GM_56_B1_E12		GM_56_B1_E12_MR
	3130	GM_56_B1_F01	GM_56_B1_F01_T7	
	3131	GM_56_B1_F01		GM_56_B1_F01_MR
55	3132	GM_56_B1_F02	GM_56_B1_F02_T7	

	3133	GM_56_B1_F02		GM_56_B1_F02_MR
	3134	GM_56_B1_F04	GM_56_B1_F04_T7	
	3135	GM_56_B1_F04		GM_56_B1_F04_MR
	3136	GM_56_B1_F05	GM_56_B1_F05_T7	
5	3137	GM_56_B1_F05		GM_56_B1_F05_MR
	3138	GM_56_B1_F06	GM_56_B1_F06_T7	
	3139	GM_56_B1_F06		GM_56_B1_F06_MR
	3140	GM_56_B1_F07	GM_56_B1_F07_T7	
	3141	GM_56_B1_F07		GM_56_B1_F07_MR
10	3142	GM_56_B1_F08	GM_56_B1_F08_T7	
	3143	GM_56_B1_F08		GM_56_B1_F08_MR
	3144	GM_56_B1_F09	GM_56_B1_F09_T7	
	3145	GM_56_B1_F09		GM_56_B1_F09_MR
	3146	GM_56_B1_F10	GM_56_B1_F10_T7	
15	3147	GM_56_B1_F10		GM_56_B1_F10_MR
	3148	GM_56_B1_F11	GM_56_B1_F11_T7	
	3149	GM_56_B1_F11		GM_56_B1_F11_MR
	3150	GM_56_B1_F12	GM_56_B1_F12_T7	
	3151	GM_56_B1_F12		GM_56_B1_F12_MR
20	3152	GM_56_B1_G01	GM_56_B1_G01_T7	
	3153	GM_56_B1_G01		GM_56_B1_G01_MR
	3154	GM_56_B1_G02	GM_56_B1_G02_T7	
	3155	GM_56_B1_G02		GM_56_B1_G02_MR
	3156	GM_56_B1_G03	GM_56_B1_G03_T7	
25	3157	GM_56_B1_G03		GM_56_B1_G03_MR
	3158	GM_56_B1_G04	GM_56_B1_G04_T7	
	3159	GM_56_B1_G04		GM_56_B1_G04_MR
	3160	GM_56_B1_G05	GM_56_B1_G05_T7	
	3161	GM_56_B1_G05		GM_56_B1_G05_MR
30	3162	GM_56_B1_G06	GM_56_B1_G06_T7	
	3163	GM_56_B1_G06		GM_56_B1_G06_MR
	3164	GM_56_B1_G07	GM_56_B1_G07_T7	
	3165	GM_56_B1_G07		GM_56_B1_G07_MR
	3166	GM_56_B1_G08	GM_56_B1_G08_T7	
35	3167	GM_56_B1_G08		GM_56_B1_G08_MR
	3168	GM_56_B1_G09	GM_56_B1_G09_T7	
	3169	GM_56_B1_G09		GM_56_B1_G09_MR
	3170	GM_56_B1_G10	GM_56_B1_G10_T7	
	3171	GM_56_B1_G10		GM_56_B1_G10_MR
40	3172	GM_56_B1_G11	GM_56_B1_G11_T7	
	3173	GM_56_B1_G11		GM_56_B1_G11_MR
	3174	GM_56_B1_G12	GM_56_B1_G12_T7	
	3175	GM_56_B1_G12		GM_56_B1_G12_MR
	3176	GM_56_B1_H02	GM_56_B1_H02_T7	
45	3177	GM_56_B1_H02		GM_56_B1_H02_MR
	3178	GM_56_B1_H03	GM_56_B1_H03_T7	
	3179	GM_56_B1_H03		GM_56_B1_H03_MR
	3180	GM_56_B1_H04	GM_56_B1_H04_T7	
	3181	GM_56_B1_H04		GM_56_B1_H04_MR
50	3182	GM_56_B1_H05	GM_56_B1_H05_T7	
	3183	GM_56_B1_H05		GM_56_B1_H05_MR
	3184	GM_56_B1_H06	GM_56_B1_H06_T7	
	3185	GM_56_B1_H06		GM_56_B1_H06_MR
	3186	GM_56_B1_H07	GM_56_B1_H07_T7	
55	3187	GM_56_B1_H07		GM_56_B1_H07_MR

	3188	GM_56_B1_H08	GM_56_B1_H08_T7	
	3189	GM_56_B1_H08		GM_56_B1_H08_MR
	3190	GM_56_B1_H09	GM_56_B1_H09_T7	
	3191	GM_56_B1_H09		GM_56_B1_H09_MR
5	3192	GM_56_B1_H11		GM_56_B1_H11_MR
	3193	GM_56_B2_A02	GM_56_B2_A02_T7	
	3194	GM_56_B2_A03	GM_56_B2_A03_T7	
	3195	GM_56_B2_A04	GM_56_B2_A04_T7	
	3196	GM_56_B2_A05	GM_56_B2_A05_T7	
10	3197	GM_56_B2_A06	GM_56_B2_A06_T7	
	3198	GM_56_B2_A07	GM_56_B2_A07_T7	
	3199	GM_56_B2_A08	GM_56_B2_A08_T7	
	3200	GM_56_B2_A09	GM_56_B2_A09_T7	
	3201	GM_56_B2_A10	GM_56_B2_A10_T7	
15	3202	GM_56_B2_A11	GM_56_B2_A11_T7	
	3203	GM_56_B2_A12	GM_56_B2_A12_T7	
	3204	GM_56_B2_B01	GM_56_B2_B01_T7	
	3205	GM_56_B2_B02	GM_56_B2_B02_T7	
	3206	GM_56_B2_B03	GM_56_B2_B03_T7	
20	3207	GM_56_B2_B04	GM_56_B2_B04_T7	
	3208	GM_56_B2_B05	GM_56_B2_B05_T7	
	3209	GM_56_B2_B06	GM_56_B2_B06_T7	
	3210	GM_56_B2_B07	GM_56_B2_B07_T7	
	3211	GM_56_B2_B08	GM_56_B2_B08_T7	
25	3212	GM_56_B2_B09	GM_56_B2_B09_T7	
	3213	GM_56_B2_B10	GM_56_B2_B10_T7	
	3214	GM_56_B2_B11	GM_56_B2_B11_T7	
	3215	GM_56_B2_B12	GM_56_B2_B12_T7	
	3216	GM_56_B2_C01	GM_56_B2_C01_T7	
30	3217	GM_56_B2_C02	GM_56_B2_C02_T7	
	3218	GM_56_B2_C03	GM_56_B2_C03_T7	
	3219	GM_56_B2_C05	GM_56_B2_C05_T7	
	3220	GM_56_B2_C06	GM_56_B2_C06_T7	
	3221	GM_56_B2_C07	GM_56_B2_C07_T7	
35	3222	GM_56_B2_C08	GM_56_B2_C08_T7	
	3223	GM_56_B2_C09	GM_56_B2_C09_T7	
	3224	GM_56_B2_C10	GM_56_B2_C10_T7	
	3225	GM_56_B2_C11	GM_56_B2_C11_T7	
	3226	GM_56_B2_C12	GM_56_B2_C12_T7	
40	3227	GM_56_B2_D02	GM_56_B2_D02_T7	
	3228	GM_56_B2_D03	GM_56_B2_D03_T7	
	3229	GM_56_B2_D04	GM_56_B2_D04_T7	
	3230	GM_56_B2_D05	GM_56_B2_D05_T7	
	3231	GM_56_B2_D06	GM_56_B2_D06_T7	
45	3232	GM_56_B2_D07	GM_56_B2_D07_T7	
	3233	GM_56_B2_D08	GM_56_B2_D08_T7	
	3234	GM_56_B2_D09	GM_56_B2_D09_T7	
	3235	GM_56_B2_D10	GM_56_B2_D10_T7	
	3236	GM_56_B2_D11	GM_56_B2_D11_T7	
50	3237	GM_56_B2_D12	GM_56_B2_D12_T7	
	3238	GM_56_B2_E01	GM_56_B2_E01_T7	
	3239	GM_56_B2_E02	GM_56_B2_E02_T7	
	3240	GM_56_B2_E03	GM_56_B2_E03_T7	
	3241	GM_56_B2_E04	GM_56_B2_E04_T7	
55	3242	GM_56_B2_E05	GM_56_B2_E05_T7	

	3243	GM_56_B2_E06	GM_56_B2_E06_T7	
	3244	GM_56_B2_E07	GM_56_B2_E07_T7	
	3245	GM_56_B2_E08	GM_56_B2_E08_T7	
	3246	GM_56_B2_E09	GM_56_B2_E09_T7	
5	3247	GM_56_B2_E10	GM_56_B2_E10_T7	
	3248	GM_56_B2_E11	GM_56_B2_E11_T7	
	3249	GM_56_B2_E12	GM_56_B2_E12_T7	
	3250	GM_56_B2_F01	GM_56_B2_F01_T7	
	3251	GM_56_B2_F02	GM_56_B2_F02_T7	
10	3252	GM_56_B2_F03	GM_56_B2_F03_T7	
	3253	GM_56_B2_F04	GM_56_B2_F04_T7	
	3254	GM_56_B2_F05	GM_56_B2_F05_T7	
	3255	GM_56_B2_F06	GM_56_B2_F06_T7	
	3256	GM_56_B2_F07	GM_56_B2_F07_T7	
15	3257	GM_56_B2_F08	GM_56_B2_F08_T7	
	3258	GM_56_B2_F09	GM_56_B2_F09_T7	
	3259	GM_56_B2_F10	GM_56_B2_F10_T7	
	3260	GM_56_B2_F11	GM_56_B2_F11_T7	
	3261	GM_56_B2_F12	GM_56_B2_F12_T7	
20	3262	GM_56_B2_G01	GM_56_B2_G01_T7	
	3263	GM_56_B2_G03	GM_56_B2_G03_T7	
	3264	GM_56_B2_G04	GM_56_B2_G04_T7	
	3265	GM_56_B2_G05	GM_56_B2_G05_T7	
	3266	GM_56_B2_G06	GM_56_B2_G06_T7	
25	3267	GM_56_B2_G07	GM_56_B2_G07_T7	
	3268	GM_56_B2_G08	GM_56_B2_G08_T7	
	3269	GM_56_B2_G09	GM_56_B2_G09_T7	
	3270	GM_56_B2_G10	GM_56_B2_G10_T7	
	3271	GM_56_B2_G11	GM_56_B2_G11_T7	
30	3272	GM_56_B2_G12	GM_56_B2_G12_T7	
	3273	GM_56_B2_H01	GM_56_B2_H01_T7	
	3274	GM_56_B2_H02	GM_56_B2_H02_T7	
	3275	GM_56_B2_H03	GM_56_B2_H03_T7	
	3276	GM_56_B2_H04	GM_56_B2_H04_T7	
35	3277	GM_56_B2_H05	GM_56_B2_H05_T7	
	3278	GM_56_B2_H06	GM_56_B2_H06_T7	
	3279	GM_56_B2_H07	GM_56_B2_H07_T7	
	3280	GM_56_B2_H08	GM_56_B2_H08_T7	
	3281	GM_56_B2_H09	GM_56_B2_H09_T7	
40	3282	GM_56_B2_H10	GM_56_B2_H10_T7	
	3283	GM_56_B2_H11	GM_56_B2_H11_T7	
	3284	GM_56_B2_H12	GM_56_B2_H12_T7	
	3285	GM_57_A1_A01	GM_57_A1_A01_T7	
	3286	GM_57_A1_A01		GM_57_A1_A01_MR
45	3287	GM_57_A1_A02	GM_57_A1_A02_T7	
	3288	GM_57_A1_A02		GM_57_A1_A02_MR
	3289	GM_57_A1_A03	GM_57_A1_A03_T7	
	3290	GM_57_A1_A03		GM_57_A1_A03_MR
	3291	GM_57_A1_A04	GM_57_A1_A04_T7	
50	3292	GM_57_A1_A04		GM_57_A1_A04_MR
	3293	GM_57_A1_A05	GM_57_A1_A05_T7	
	3294	GM_57_A1_A05		GM_57_A1_A05_MR
	3295	GM_57_A1_A06	GM_57_A1_A06_T7	
	3296	GM_57_A1_A06		GM_57_A1_A06_MR
55	3297	GM_57_A1_A07	GM_57_A1_A07_T7	

	3298	GM_57_A1_A07		GM_57_A1_A07_MR
	3299	GM_57_A1_A08	GM_57_A1_A08_T7	
	3300	GM_57_A1_A08		GM_57_A1_A08_MR
	3301	GM_57_A1_A09	GM_57_A1_A09_T7	
5	3302	GM_57_A1_A09		GM_57_A1_A09_MR
	3303	GM_57_A1_A10	GM_57_A1_A10_T7	
	3304	GM_57_A1_A10		GM_57_A1_A10_MR
	3305	GM_57_A1_A11		GM_57_A1_A11_MR
	3306	GM_57_A1_A12	GM_57_A1_A12_T7	
10	3307	GM_57_A1_A12		GM_57_A1_A12_MR
	3308	GM_57_A1_B01	GM_57_A1_B01_T7	
	3309	GM_57_A1_B01		GM_57_A1_B01_MR
	3310	GM_57_A1_B02		GM_57_A1_B02_MR
	3311	GM_57_A1_B03	GM_57_A1_B03_T7	
15	3312	GM_57_A1_B03		GM_57_A1_B03_MR
	3313	GM_57_A1_B04	GM_57_A1_B04_T7	
	3314	GM_57_A1_B04		GM_57_A1_B04_MR
	3315	GM_57_A1_B05	GM_57_A1_B05_T7	
	3316	GM_57_A1_B05		GM_57_A1_B05_MR
20	3317	GM_57_A1_B06	GM_57_A1_B06_T7	
	3318	GM_57_A1_B06		GM_57_A1_B06_MR
	3319	GM_57_A1_B07		GM_57_A1_B07_MR
	3320	GM_57_A1_B08	GM_57_A1_B08_T7	
	3321	GM_57_A1_B08		GM_57_A1_B08_MR
25	3322	GM_57_A1_B11	GM_57_A1_B11_T7	
	3323	GM_57_A1_B11		GM_57_A1_B11_MR
	3324	GM_57_A1_B12		GM_57_A1_B12_MR
	3325	GM_57_A1_C01		GM_57_A1_C01_MR
	3326	GM_57_A1_C02		GM_57_A1_C02_MR
30	3327	GM_57_A1_C03		GM_57_A1_C03_MR
	3328	GM_57_A1_C04		GM_57_A1_C04_MR
	3329	GM_57_A1_C05	GM_57_A1_C05_T7	
	3330	GM_57_A1_C05		GM_57_A1_C05_MR
	3331	GM_57_A1_C06	GM_57_A1_C06_T7	
35	3332	GM_57_A1_C06		GM_57_A1_C06_MR
	3333	GM_57_A1_C07		GM_57_A1_C07_MR
	3334	GM_57_A1_C08	GM_57_A1_C08_T7	
	3335	GM_57_A1_C08		GM_57_A1_C08_MR
	3336	GM_57_A1_C09		GM_57_A1_C09_MR
40	3337	GM_57_A1_C10	GM_57_A1_C10_T7	
	3338	GM_57_A1_C10		GM_57_A1_C10_MR
	3339	GM_57_A1_C11	GM_57_A1_C11_T7	
	3340	GM_57_A1_C11		GM_57_A1_C11_MR
	3341	GM_57_A1_C12	GM_57_A1_C12_T7	
45	3342	GM_57_A1_C12		GM_57_A1_C12_MR
	3343	GM_57_A1_D01		GM_57_A1_D01_MR
	3344	GM_57_A1_D02		GM_57_A1_D02_MR
	3345	GM_57_A1_D03		GM_57_A1_D03_MR
	3346	GM_57_A1_D04		GM_57_A1_D04_MR
50	3347	GM_57_A1_D05	GM_57_A1_D05_T7	
	3348	GM_57_A1_D05		GM_57_A1_D05_MR
	3349	GM_57_A1_D06	GM_57_A1_D06_T7	
	3350	GM_57_A1_D06		GM_57_A1_D06_MR
	3351	GM_57_A1_D07	GM_57_A1_D07_T7	
55	3352	GM_57_A1_D08	GM_57_A1_D08_T7	

	3353	GM_57_A1_D08		GM_57_A1_D08_MR
	3354	GM_57_A1_D09	GM_57_A1_D09_T7	
	3355	GM_57_A1_D09		GM_57_A1_D09_MR
	3356	GM_57_A1_D10	GM_57_A1_D10_T7	
5	3357	GM_57_A1_D10		GM_57_A1_D10_MR
	3358	GM_57_A1_D11		GM_57_A1_D11_MR
	3359	GM_57_A1_D12	GM_57_A1_D12_T7	
	3360	GM_57_A1_D12		GM_57_A1_D12_MR
	3361	GM_57_A1_E01	GM_57_A1_E01_T7	
10	3362	GM_57_A1_E01		GM_57_A1_E01_MR
	3363	GM_57_A1_E02	GM_57_A1_E02_T7	
	3364	GM_57_A1_E02		GM_57_A1_E02_MR
	3365	GM_57_A1_E03	GM_57_A1_E03_T7	
	3366	GM_57_A1_E03		GM_57_A1_E03_MR
15	3367	GM_57_A1_E04	GM_57_A1_E04_T7	
	3368	GM_57_A1_E04		GM_57_A1_E04_MR
	3369	GM_57_A1_E05	GM_57_A1_E05_T7	
	3370	GM_57_A1_E05		GM_57_A1_E05_MR
	3371	GM_57_A1_E06	GM_57_A1_E06_T7	
20	3372	GM_57_A1_E06		GM_57_A1_E06_MR
	3373	GM_57_A1_E07	GM_57_A1_E07_T7	
	3374	GM_57_A1_E07		GM_57_A1_E07_MR
	3375	GM_57_A1_E08	GM_57_A1_E08_T7	
	3376	GM_57_A1_E08		GM_57_A1_E08_MR
25	3377	GM_57_A1_E09	GM_57_A1_E09_T7	
	3378	GM_57_A1_E09		GM_57_A1_E09_MR
	3379	GM_57_A1_E10	GM_57_A1_E10_T7	
	3380	GM_57_A1_E10		GM_57_A1_E10_MR
	3381	GM_57_A1_E11		GM_57_A1_E11_MR
30	3382	GM_57_A1_E12	GM_57_A1_E12_T7	
	3383	GM_57_A1_E12		GM_57_A1_E12_MR
	3384	GM_57_A1_F02	GM_57_A1_F02_T7	
	3385	GM_57_A1_F02		GM_57_A1_F02_MR
	3386	GM_57_A1_F03		GM_57_A1_F03_MR
35	3387	GM_57_A1_F04		GM_57_A1_F04_MR
	3388	GM_57_A1_F05		GM_57_A1_F05_MR
	3389	GM_57_A1_F06		GM_57_A1_F06_MR
	3390	GM_57_A1_F07	GM_57_A1_F07_T7	
	3391	GM_57_A1_F07		GM_57_A1_F07_MR
40	3392	GM_57_A1_F09		GM_57_A1_F09_MR
	3393	GM_57_A1_F10	GM_57_A1_F10_T7	
	3394	GM_57_A1_F10		GM_57_A1_F10_MR
	3395	GM_57_A1_F11	GM_57_A1_F11_T7	
	3396	GM_57_A1_F11		GM_57_A1_F11_MR
45	3397	GM_57_A1_F12		GM_57_A1_F12_MR
	3398	GM_57_A1_G01		GM_57_A1_G01_MR
	3399	GM_57_A1_G02	GM_57_A1_G02_T7	
	3400	GM_57_A1_G02		GM_57_A1_G02_MR
	3401	GM_57_A1_G03	GM_57_A1_G03_T7	
50	3402	GM_57_A1_G03		GM_57_A1_G03_MR
	3403	GM_57_A1_G04	GM_57_A1_G04_T7	
	3404	GM_57_A1_G04		GM_57_A1_G04_MR
	3405	GM_57_A1_G05	GM_57_A1_G05_T7	
	3406	GM_57_A1_G05		GM_57_A1_G05_MR
55	3407	GM_57_A1_G06	GM_57_A1_G06_T7	

	3408	GM_57_A1_G06		GM_57_A1_G06_MR
	3409	GM_57_A1_G07	GM_57_A1_G07_T7	
	3410	GM_57_A1_G07		GM_57_A1_G07_MR
	3411	GM_57_A1_G08		GM_57_A1_G08_MR
5	3412	GM_57_A1_G09		GM_57_A1_G09_MR
	3413	GM_57_A1_G10	GM_57_A1_G10_T7	
	3414	GM_57_A1_G10		GM_57_A1_G10_MR
	3415	GM_57_A1_G11		GM_57_A1_G11_MR
	3416	GM_57_A1_G12	GM_57_A1_G12_T7	
10	3417	GM_57_A1_G12		GM_57_A1_G12_MR
	3418	GM_57_A1_H01	GM_57_A1_H01_T7	
	3419	GM_57_A1_H01		GM_57_A1_H01_MR
	3420	GM_57_A1_H02	GM_57_A1_H02_T7	
	3421	GM_57_A1_H02		GM_57_A1_H02_MR
15	3422	GM_57_A1_H03	GM_57_A1_H03_T7	
	3423	GM_57_A1_H03		GM_57_A1_H03_MR
	3424	GM_57_A1_H04	GM_57_A1_H04_T7	
	3425	GM_57_A1_H04		GM_57_A1_H04_MR
	3426	GM_57_A1_H05		GM_57_A1_H05_MR
20	3427	GM_57_A1_H06	GM_57_A1_H06_T7	
	3428	GM_57_A1_H06		GM_57_A1_H06_MR
	3429	GM_57_A1_H07	GM_57_A1_H07_T7	
	3430	GM_57_A1_H07		GM_57_A1_H07_MR
	3431	GM_57_A1_H08	GM_57_A1_H08_T7	
25	3432	GM_57_A1_H08		GM_57_A1_H08_MR
	3433	GM_57_A1_H09		GM_57_A1_H09_MR
	3434	GM_57_A1_H10	GM_57_A1_H10_T7	
	3435	GM_57_A1_H10		GM_57_A1_H10_MR
	3436	GM_57_A1_H11	GM_57_A1_H11_T7	
30	3437	GM_57_A1_H11		GM_57_A1_H11_MR
	3438	GM_57_A1_H12		GM_57_A1_H12_MR
	3439	GM_57_A2_A01	GM_57_A2_A01_T7	
	3440	GM_57_A2_A02	GM_57_A2_A02_T7	
	3441	GM_57_A2_A03	GM_57_A2_A03_T7	
35	3442	GM_57_A2_A04	GM_57_A2_A04_T7	
	3443	GM_57_A2_A05	GM_57_A2_A05_T7	
	3444	GM_57_A2_A06	GM_57_A2_A06_T7	
	3445	GM_57_A2_A07	GM_57_A2_A07_T7	
	3446	GM_57_A2_A09	GM_57_A2_A09_T7	
40	3447	GM_57_A2_A10	GM_57_A2_A10_T7	
	3448	GM_57_A2_A11	GM_57_A2_A11_T7	
	3449	GM_57_A2_A12	GM_57_A2_A12_T7	
	3450	GM_57_A2_B01	GM_57_A2_B01_T7	
	3451	GM_57_A2_B02	GM_57_A2_B02_T7	
45	3452	GM_57_A2_B03	GM_57_A2_B03_T7	
	3453	GM_57_A2_B04	GM_57_A2_B04_T7	
	3454	GM_57_A2_B05	GM_57_A2_B05_T7	
	3455	GM_57_A2_B06	GM_57_A2_B06_T7	
	3456	GM_57_A2_B07	GM_57_A2_B07_T7	
50	3457	GM_57_A2_B08	GM_57_A2_B08_T7	
	3458	GM_57_A2_B09	GM_57_A2_B09_T7	
	3459	GM_57_A2_B10	GM_57_A2_B10_T7	
	3460	GM_57_A2_B11	GM_57_A2_B11_T7	
	3461	GM_57_A2_B12	GM_57_A2_B12_T7	
55	3462	GM_57_A2_C01	GM_57_A2_C01_T7	

	3463	GM_57_A2_C02	GM_57_A2_C02_T7
	3464	GM_57_A2_C03	GM_57_A2_C03_T7
	3465	GM_57_A2_C04	GM_57_A2_C04_T7
	3466	GM_57_A2_C05	GM_57_A2_C05_T7
5	3467	GM_57_A2_C06	GM_57_A2_C06_T7
	3468	GM_57_A2_C07	GM_57_A2_C07_T7
	3469	GM_57_A2_C08	GM_57_A2_C08_T7
	3470	GM_57_A2_C09	GM_57_A2_C09_T7
	3471	GM_57_A2_C10	GM_57_A2_C10_T7
10	3472	GM_57_A2_C11	GM_57_A2_C11_T7
	3473	GM_57_A2_C12	GM_57_A2_C12_T7
	3474	GM_57_A2_D01	GM_57_A2_D01_T7
	3475	GM_57_A2_D03	GM_57_A2_D03_T7
	3476	GM_57_A2_D04	GM_57_A2_D04_T7
15	3477	GM_57_A2_D05	GM_57_A2_D05_T7
	3478	GM_57_A2_D06	GM_57_A2_D06_T7
	3479	GM_57_A2_D07	GM_57_A2_D07_T7
	3480	GM_57_A2_D08	GM_57_A2_D08_T7
	3481	GM_57_A2_D09	GM_57_A2_D09_T7
20	3482	GM_57_A2_D10	GM_57_A2_D10_T7
	3483	GM_57_A2_D11	GM_57_A2_D11_T7
	3484	GM_57_A2_D12	GM_57_A2_D12_T7
	3485	GM_57_A2_E01	GM_57_A2_E01_T7
	3486	GM_57_A2_E02	GM_57_A2_E02_T7
25	3487	GM_57_A2_E03	GM_57_A2_E03_T7
	3488	GM_57_A2_E04	GM_57_A2_E04_T7
	3489	GM_57_A2_E05	GM_57_A2_E05_T7
	3490	GM_57_A2_E06	GM_57_A2_E06_T7
	3491	GM_57_A2_E07	GM_57_A2_E07_T7
30	3492	GM_57_A2_E08	GM_57_A2_E08_T7
	3493	GM_57_A2_E09	GM_57_A2_E09_T7
	3494	GM_57_A2_E10	GM_57_A2_E10_T7
	3495	GM_57_A2_E11	GM_57_A2_E11_T7
	3496	GM_57_A2_E12	GM_57_A2_E12_T7
35	3497	GM_57_A2_F01	GM_57_A2_F01_T7
	3498	GM_57_A2_F02	GM_57_A2_F02_T7
	3499	GM_57_A2_F03	GM_57_A2_F03_T7
	3500	GM_57_A2_F04	GM_57_A2_F04_T7
	3501	GM_57_A2_F05	GM_57_A2_F05_T7
40	3502	GM_57_A2_F06	GM_57_A2_F06_T7
	3503	GM_57_A2_F07	GM_57_A2_F07_T7
	3504	GM_57_A2_F08	GM_57_A2_F08_T7
	3505	GM_57_A2_F09	GM_57_A2_F09_T7
	3506	GM_57_A2_F10	GM_57_A2_F10_T7
45	3507	GM_57_A2_F11	GM_57_A2_F11_T7
	3508	GM_57_A2_F12	GM_57_A2_F12_T7
	3509	GM_57_A2_G01	GM_57_A2_G01_T7
	3510	GM_57_A2_G02	GM_57_A2_G02_T7
	3511	GM_57_A2_G03	GM_57_A2_G03_T7
50	3512	GM_57_A2_G04	GM_57_A2_G04_T7
	3513	GM_57_A2_G05	GM_57_A2_G05_T7
	3514	GM_57_A2_G06	GM_57_A2_G06_T7
	3515	GM_57_A2_G07	GM_57_A2_G07_T7
	3516	GM_57_A2_G08	GM_57_A2_G08_T7
55	3517	GM_57_A2_G09	GM_57_A2_G09_T7

	3518	GM_57_A2_G10	GM_57_A2_G10_T7	
	3519	GM_57_A2_G11	GM_57_A2_G11_T7	
	3520	GM_57_A2_G12	GM_57_A2_G12_T7	
	3521	GM_57_A2_H01	GM_57_A2_H01_T7	
5	3522	GM_57_A2_H02	GM_57_A2_H02_T7	
	3523	GM_57_A2_H03	GM_57_A2_H03_T7	
	3524	GM_57_A2_H04	GM_57_A2_H04_T7	
	3525	GM_57_A2_H05	GM_57_A2_H05_T7	
	3526	GM_57_A2_H06	GM_57_A2_H06_T7	
10	3527	GM_57_A2_H07	GM_57_A2_H07_T7	
	3528	GM_57_A2_H08	GM_57_A2_H08_T7	
	3529	GM_57_A2_H09	GM_57_A2_H09_T7	
	3530	GM_57_A2_H10	GM_57_A2_H10_T7	
	3531	GM_57_A2_H11	GM_57_A2_H11_T7	
15	3532	GM_57_A2_H12	GM_57_A2_H12_T7	
	3533	GM_57_B1_A01	GM_57_B1_A01_T7	
	3534	GM_57_B1_A01		GM_57_B1_A01_MR
	3535	GM_57_B1_A02	GM_57_B1_A02_T7	
	3536	GM_57_B1_A02		GM_57_B1_A02_MR
20	3537	GM_57_B1_A03	GM_57_B1_A03_T7	
	3538	GM_57_B1_A03		GM_57_B1_A03_MR
	3539	GM_57_B1_A04	GM_57_B1_A04_T7	
	3540	GM_57_B1_A04		GM_57_B1_A04_MR
	3541	GM_57_B1_A05	GM_57_B1_A05_T7	
25	3542	GM_57_B1_A05		GM_57_B1_A05_MR
	3543	GM_57_B1_A06	GM_57_B1_A06_T7	
	3544	GM_57_B1_A06		GM_57_B1_A06_MR
	3545	GM_57_B1_A07	GM_57_B1_A07_T7	
	3546	GM_57_B1_A07		GM_57_B1_A07_MR
30	3547	GM_57_B1_A08	GM_57_B1_A08_T7	
	3548	GM_57_B1_A08		GM_57_B1_A08_MR
	3549	GM_57_B1_A10	GM_57_B1_A10_T7	
	3550	GM_57_B1_A10		GM_57_B1_A10_MR
	3551	GM_57_B1_A11	GM_57_B1_A11_T7	
35	3552	GM_57_B1_A11		GM_57_B1_A11_MR
	3553	GM_57_B1_A12	GM_57_B1_A12_T7	
	3554	GM_57_B1_B01	GM_57_B1_B01_T7	
	3555	GM_57_B1_B01		GM_57_B1_B01_MR
	3556	GM_57_B1_B02	GM_57_B1_B02_T7	
40	3557	GM_57_B1_B02		GM_57_B1_B02_MR
	3558	GM_57_B1_B03	GM_57_B1_B03_T7	
	3559	GM_57_B1_B03		GM_57_B1_B03_MR
	3560	GM_57_B1_B05	GM_57_B1_B05_T7	
	3561	GM_57_B1_B05		GM_57_B1_B05_MR
45	3562	GM_57_B1_B06	GM_57_B1_B06_T7	
	3563	GM_57_B1_B06		GM_57_B1_B06_MR
	3564	GM_57_B1_B07	GM_57_B1_B07_T7	
	3565	GM_57_B1_B07		GM_57_B1_B07_MR
	3566	GM_57_B1_B08	GM_57_B1_B08_T7	
50	3567	GM_57_B1_B08		GM_57_B1_B08_MR
	3568	GM_57_B1_B09	GM_57_B1_B09_T7	
	3569	GM_57_B1_B10	GM_57_B1_B10_T7	
	3570	GM_57_B1_B11	GM_57_B1_B11_T7	
	3571	GM_57_B1_B11		GM_57_B1_B11_MR
55	3572	GM_57_B1_B12	GM_57_B1_B12_T7	

	3573	GM_57_B1_B12		GM_57_B1_B12_MR
	3574	GM_57_B1_C02	GM_57_B1_C02_T7	
	3575	GM_57_B1_C03	GM_57_B1_C03_T7	
	3576	GM_57_B1_C03		GM_57_B1_C03_MR
5	3577	GM_57_B1_C04	GM_57_B1_C04_T7	
	3578	GM_57_B1_C04		GM_57_B1_C04_MR
	3579	GM_57_B1_C05	GM_57_B1_C05_T7	
	3580	GM_57_B1_C05		GM_57_B1_C05_MR
	3581	GM_57_B1_C06	GM_57_B1_C06_T7	
10	3582	GM_57_B1_C06		GM_57_B1_C06_MR
	3583	GM_57_B1_C07	GM_57_B1_C07_T7	
	3584	GM_57_B1_C07		GM_57_B1_C07_MR
	3585	GM_57_B1_C08	GM_57_B1_C08_T7	
	3586	GM_57_B1_C08		GM_57_B1_C08_MR
15	3587	GM_57_B1_C09	GM_57_B1_C09_T7	
	3588	GM_57_B1_C09		GM_57_B1_C09_MR
	3589	GM_57_B1_C10	GM_57_B1_C10_T7	
	3590	GM_57_B1_C10		GM_57_B1_C10_MR
	3591	GM_57_B1_C11	GM_57_B1_C11_T7	
20	3592	GM_57_B1_C11		GM_57_B1_C11_MR
	3593	GM_57_B1_C12	GM_57_B1_C12_T7	
	3594	GM_57_B1_C12		GM_57_B1_C12_MR
	3595	GM_57_B1_D01	GM_57_B1_D01_T7	
	3596	GM_57_B1_D01		GM_57_B1_D01_MR
25	3597	GM_57_B1_D02	GM_57_B1_D02_T7	
	3598	GM_57_B1_D02		GM_57_B1_D02_MR
	3599	GM_57_B1_D03	GM_57_B1_D03_T7	
	3600	GM_57_B1_D04	GM_57_B1_D04_T7	
	3601	GM_57_B1_D04		GM_57_B1_D04_MR
30	3602	GM_57_B1_D05	GM_57_B1_D05_T7	
	3603	GM_57_B1_D05		GM_57_B1_D05_MR
	3604	GM_57_B1_D06	GM_57_B1_D06_T7	
	3605	GM_57_B1_D06		GM_57_B1_D06_MR
	3606	GM_57_B1_D07		GM_57_B1_D07_MR
35	3607	GM_57_B1_D08	GM_57_B1_D08_T7	
	3608	GM_57_B1_D09		GM_57_B1_D09_MR
	3609	GM_57_B1_D10	GM_57_B1_D10_T7	
	3610	GM_57_B1_D10		GM_57_B1_D10_MR
	3611	GM_57_B1_D11	GM_57_B1_D11_T7	
40	3612	GM_57_B1_D11		GM_57_B1_D11_MR
	3613	GM_57_B1_D12	GM_57_B1_D12_T7	
	3614	GM_57_B1_D12		GM_57_B1_D12_MR
	3615	GM_57_B1_E01	GM_57_B1_E01_T7	
	3616	GM_57_B1_E01		GM_57_B1_E01_MR
45	3617	GM_57_B1_E02	GM_57_B1_E02_T7	
	3618	GM_57_B1_E03	GM_57_B1_E03_T7	
	3619	GM_57_B1_E03		GM_57_B1_E03_MR
	3620	GM_57_B1_E04	GM_57_B1_E04_T7	
	3621	GM_57_B1_E04		GM_57_B1_E04_MR
50	3622	GM_57_B1_E05	GM_57_B1_E05_T7	
	3623	GM_57_B1_E05		GM_57_B1_E05_MR
	3624	GM_57_B1_E06	GM_57_B1_E06_T7	
	3625	GM_57_B1_E06		GM_57_B1_E06_MR
	3626	GM_57_B1_E07	GM_57_B1_E07_T7	
55	3627	GM_57_B1_E07		GM_57_B1_E07_MR

	3628	GM_57_B1_E08	GM_57_B1_E08_T7	
	3629	GM_57_B1_E09	GM_57_B1_E09_T7	
	3630	GM_57_B1_E09		GM_57_B1_E09_MR
	3631	GM_57_B1_E10	GM_57_B1_E10_T7	
5	3632	GM_57_B1_E10		GM_57_B1_E10_MR
	3633	GM_57_B1_E11	GM_57_B1_E11_T7	
	3634	GM_57_B1_E12	GM_57_B1_E12_T7	
	3635	GM_57_B1_E12		GM_57_B1_E12_MR
	3636	GM_57_B1_F01	GM_57_B1_F01_T7	
10	3637	GM_57_B1_F01		GM_57_B1_F01_MR
	3638	GM_57_B1_F02	GM_57_B1_F02_T7	
	3639	GM_57_B1_F02		GM_57_B1_F02_MR
	3640	GM_57_B1_F03	GM_57_B1_F03_T7	
	3641	GM_57_B1_F03		GM_57_B1_F03_MR
15	3642	GM_57_B1_F04	GM_57_B1_F04_T7	
	3643	GM_57_B1_F04		GM_57_B1_F04_MR
	3644	GM_57_B1_F05	GM_57_B1_F05_T7	
	3645	GM_57_B1_F05		GM_57_B1_F05_MR
	3646	GM_57_B1_F06	GM_57_B1_F06_T7	
20	3647	GM_57_B1_F06		GM_57_B1_F06_MR
	3648	GM_57_B1_F07	GM_57_B1_F07_T7	
	3649	GM_57_B1_F07		GM_57_B1_F07_MR
	3650	GM_57_B1_F08	GM_57_B1_F08_T7	
	3651	GM_57_B1_F09	GM_57_B1_F09_T7	
25	3652	GM_57_B1_F09		GM_57_B1_F09_MR
	3653	GM_57_B1_F10	GM_57_B1_F10_T7	
	3654	GM_57_B1_F10		GM_57_B1_F10_MR
	3655	GM_57_B1_F11	GM_57_B1_F11_T7	
	3656	GM_57_B1_F12	GM_57_B1_F12_T7	
30	3657	GM_57_B1_F12		GM_57_B1_F12_MR
	3658	GM_57_B1_G01	GM_57_B1_G01_T7	
	3659	GM_57_B1_G01		GM_57_B1_G01_MR
	3660	GM_57_B1_G02	GM_57_B1_G02_T7	
	3661	GM_57_B1_G02		GM_57_B1_G02_MR
35	3662	GM_57_B1_G03	GM_57_B1_G03_T7	
	3663	GM_57_B1_G03		GM_57_B1_G03_MR
	3664	GM_57_B1_G04	GM_57_B1_G04_T7	
	3665	GM_57_B1_G04		GM_57_B1_G04_MR
	3666	GM_57_B1_G05	GM_57_B1_G05_T7	
40	3667	GM_57_B1_G05		GM_57_B1_G05_MR
	3668	GM_57_B1_G06	GM_57_B1_G06_T7	
	3669	GM_57_B1_G06		GM_57_B1_G06_MR
	3670	GM_57_B1_G07	GM_57_B1_G07_T7	
	3671	GM_57_B1_G07		GM_57_B1_G07_MR
45	3672	GM_57_B1_G09	GM_57_B1_G09_T7	
	3673	GM_57_B1_G09		GM_57_B1_G09_MR
	3674	GM_57_B1_G10	GM_57_B1_G10_T7	
	3675	GM_57_B1_G10		GM_57_B1_G10_MR
	3676	GM_57_B1_G11	GM_57_B1_G11_T7	
50	3677	GM_57_B1_G11		GM_57_B1_G11_MR
	3678	GM_57_B1_G12	GM_57_B1_G12_T7	
	3679	GM_57_B1_H01	GM_57_B1_H01_T7	
	3680	GM_57_B1_H01		GM_57_B1_H01_MR
	3681	GM_57_B1_H02	GM_57_B1_H02_T7	
55	3682	GM_57_B1_H02		GM_57_B1_H02_MR

	3683	GM_57_B1_H03	GM_57_B1_H03_T7	
	3684	GM_57_B1_H03		GM_57_B1_H03_MR
	3685	GM_57_B1_H04	GM_57_B1_H04_T7	
	3686	GM_57_B1_H04		GM_57_B1_H04_MR
5	3687	GM_57_B1_H05	GM_57_B1_H05_T7	
	3688	GM_57_B1_H06	GM_57_B1_H06_T7	
	3689	GM_57_B1_H07	GM_57_B1_H07_T7	
	3690	GM_57_B1_H07		GM_57_B1_H07_MR
	3691	GM_57_B1_H08	GM_57_B1_H08_T7	
10	3692	GM_57_B1_H08		GM_57_B1_H08_MR
	3693	GM_57_B1_H09	GM_57_B1_H09_T7	
	3694	GM_57_B1_H09		GM_57_B1_H09_MR
	3695	GM_57_B1_H10	GM_57_B1_H10_T7	
	3696	GM_57_B1_H10		GM_57_B1_H10_MR
15	3697	GM_57_B1_H11	GM_57_B1_H11_T7	
	3698	GM_57_B1_H11		GM_57_B1_H11_MR
	3699	GM_57_B1_H12	GM_57_B1_H12_T7	
	3700	GM_57_B1_H12		GM_57_B1_H12_MR
	3701	GM_57_B2_A01	GM_57_B2_A01_T7	
20	3702	GM_57_B2_A01		GM_57_B2_A01_MR
	3703	GM_57_B2_A02		GM_57_B2_A02_MR
	3704	GM_57_B2_A03	GM_57_B2_A03_T7	
	3705	GM_57_B2_A03		GM_57_B2_A03_MR
	3706	GM_57_B2_A04	GM_57_B2_A04_T7	
25	3707	GM_57_B2_A04		GM_57_B2_A04_MR
	3708	GM_57_B2_A05	GM_57_B2_A05_T7	
	3709	GM_57_B2_A05		GM_57_B2_A05_MR
	3710	GM_57_B2_A06		GM_57_B2_A06_MR
	3711	GM_57_B2_A07	GM_57_B2_A07_T7	
30	3712	GM_57_B2_A07		GM_57_B2_A07_MR
	3713	GM_57_B2_A08	GM_57_B2_A08_T7	
	3714	GM_57_B2_A08		GM_57_B2_A08_MR
	3715	GM_57_B2_A09	GM_57_B2_A09_T7	
	3716	GM_57_B2_A09		GM_57_B2_A09_MR
35	3717	GM_57_B2_A10	GM_57_B2_A10_T7	
	3718	GM_57_B2_A10		GM_57_B2_A10_MR
	3719	GM_57_B2_A11	GM_57_B2_A11_T7	
	3720	GM_57_B2_A11		GM_57_B2_A11_MR
	3721	GM_57_B2_A12	GM_57_B2_A12_T7	
40	3722	GM_57_B2_A12		GM_57_B2_A12_MR
	3723	GM_57_B2_B01	GM_57_B2_B01_T7	
	3724	GM_57_B2_B01		GM_57_B2_B01_MR
	3725	GM_57_B2_B02	GM_57_B2_B02_T7	
	3726	GM_57_B2_B02		GM_57_B2_B02_MR
45	3727	GM_57_B2_B03	GM_57_B2_B03_T7	
	3728	GM_57_B2_B03		GM_57_B2_B03_MR
	3729	GM_57_B2_B04	GM_57_B2_B04_T7	
	3730	GM_57_B2_B04		GM_57_B2_B04_MR
	3731	GM_57_B2_B05	GM_57_B2_B05_T7	
50	3732	GM_57_B2_B05		GM_57_B2_B05_MR
	3733	GM_57_B2_B06	GM_57_B2_B06_T7	
	3734	GM_57_B2_B06		GM_57_B2_B06_MR
	3735	GM_57_B2_B07	GM_57_B2_B07_T7	
	3736	GM_57_B2_B07		GM_57_B2_B07_MR
55	3737	GM_57_B2_B08	GM_57_B2_B08_T7	

	3738	GM_57_B2_B08		GM_57_B2_B08_MR
	3739	GM_57_B2_B09	GM_57_B2_B09_T7	
	3740	GM_57_B2_B09		GM_57_B2_B09_MR
	3741	GM_57_B2_B11	GM_57_B2_B11_T7	
5	3742	GM_57_B2_B11		GM_57_B2_B11_MR
	3743	GM_57_B2_B12	GM_57_B2_B12_T7	
	3744	GM_57_B2_B12		GM_57_B2_B12_MR
	3745	GM_57_B2_C01	GM_57_B2_C01_T7	
	3746	GM_57_B2_C01		GM_57_B2_C01_MR
10	3747	GM_57_B2_C02	GM_57_B2_C02_T7	
	3748	GM_57_B2_C02		GM_57_B2_C02_MR
	3749	GM_57_B2_C03	GM_57_B2_C03_T7	
	3750	GM_57_B2_C03		GM_57_B2_C03_MR
	3751	GM_57_B2_C04	GM_57_B2_C04_T7	
15	3752	GM_57_B2_C04		GM_57_B2_C04_MR
	3753	GM_57_B2_C05	GM_57_B2_C05_T7	
	3754	GM_57_B2_C05		GM_57_B2_C05_MR
	3755	GM_57_B2_C06		GM_57_B2_C06_MR
	3756	GM_57_B2_C07	GM_57_B2_C07_T7	
20	3757	GM_57_B2_C07		GM_57_B2_C07_MR
	3758	GM_57_B2_C08	GM_57_B2_C08_T7	
	3759	GM_57_B2_C08		GM_57_B2_C08_MR
	3760	GM_57_B2_C09	GM_57_B2_C09_T7	
	3761	GM_57_B2_C09		GM_57_B2_C09_MR
25	3762	GM_57_B2_C10	GM_57_B2_C10_T7	
	3763	GM_57_B2_C10		GM_57_B2_C10_MR
	3764	GM_57_B2_C11	GM_57_B2_C11_T7	
	3765	GM_57_B2_C11		GM_57_B2_C11_MR
	3766	GM_57_B2_C12	GM_57_B2_C12_T7	
30	3767	GM_57_B2_C12		GM_57_B2_C12_MR
	3768	GM_57_B2_D01	GM_57_B2_D01_T7	
	3769	GM_57_B2_D01		GM_57_B2_D01_MR
	3770	GM_57_B2_D02	GM_57_B2_D02_T7	
	3771	GM_57_B2_D02		GM_57_B2_D02_MR
35	3772	GM_57_B2_D03	GM_57_B2_D03_T7	
	3773	GM_57_B2_D03		GM_57_B2_D03_MR
	3774	GM_57_B2_D04	GM_57_B2_D04_T7	
	3775	GM_57_B2_D04		GM_57_B2_D04_MR
	3776	GM_57_B2_D05	GM_57_B2_D05_T7	
40	3777	GM_57_B2_D05		GM_57_B2_D05_MR
	3778	GM_57_B2_D06	GM_57_B2_D06_T7	
	3779	GM_57_B2_D06		GM_57_B2_D06_MR
	3780	GM_57_B2_D07	GM_57_B2_D07_T7	
	3781	GM_57_B2_D07		GM_57_B2_D07_MR
45	3782	GM_57_B2_D08	GM_57_B2_D08_T7	
	3783	GM_57_B2_D08		GM_57_B2_D08_MR
	3784	GM_57_B2_D09	GM_57_B2_D09_T7	
	3785	GM_57_B2_D09		GM_57_B2_D09_MR
	3786	GM_57_B2_D10	GM_57_B2_D10_T7	
50	3787	GM_57_B2_D10		GM_57_B2_D10_MR
	3788	GM_57_B2_D11	GM_57_B2_D11_T7	
	3789	GM_57_B2_D11		GM_57_B2_D11_MR
	3790	GM_57_B2_D12	GM_57_B2_D12_T7	
	3791	GM_57_B2_D12		GM_57_B2_D12_MR
55	3792	GM_57_B2_E01	GM_57_B2_E01_T7	

	3793	GM_57_B2_E01		GM_57_B2_E01_MR
	3794	GM_57_B2_E02	GM_57_B2_E02_T7	
	3795	GM_57_B2_E02		GM_57_B2_E02_MR
	3796	GM_57_B2_E03	GM_57_B2_E03_T7	
5	3797	GM_57_B2_E03		GM_57_B2_E03_MR
	3798	GM_57_B2_E04	GM_57_B2_E04_T7	
	3799	GM_57_B2_E04		GM_57_B2_E04_MR
	3800	GM_57_B2_E05	GM_57_B2_E05_T7	
	3801	GM_57_B2_E05		GM_57_B2_E05_MR
10	3802	GM_57_B2_E06	GM_57_B2_E06_T7	
	3803	GM_57_B2_E06		GM_57_B2_E06_MR
	3804	GM_57_B2_E07	GM_57_B2_E07_T7	
	3805	GM_57_B2_E07		GM_57_B2_E07_MR
	3806	GM_57_B2_E08	GM_57_B2_E08_T7	
15	3807	GM_57_B2_E08		GM_57_B2_E08_MR
	3808	GM_57_B2_E09	GM_57_B2_E09_T7	
	3809	GM_57_B2_E09		GM_57_B2_E09_MR
	3810	GM_57_B2_E10	GM_57_B2_E10_T7	
	3811	GM_57_B2_E10		GM_57_B2_E10_MR
20	3812	GM_57_B2_E11	GM_57_B2_E11_T7	
	3813	GM_57_B2_E11		GM_57_B2_E11_MR
	3814	GM_57_B2_E12	GM_57_B2_E12_T7	
	3815	GM_57_B2_E12		GM_57_B2_E12_MR
	3816	GM_57_B2_F01	GM_57_B2_F01_T7	
25	3817	GM_57_B2_F01		GM_57_B2_F01_MR
	3818	GM_57_B2_F02	GM_57_B2_F02_T7	
	3819	GM_57_B2_F02		GM_57_B2_F02_MR
	3820	GM_57_B2_F03	GM_57_B2_F03_T7	
	3821	GM_57_B2_F03		GM_57_B2_F03_MR
30	3822	GM_57_B2_F04	GM_57_B2_F04_T7	
	3823	GM_57_B2_F04		GM_57_B2_F04_MR
	3824	GM_57_B2_F05	GM_57_B2_F05_T7	
	3825	GM_57_B2_F05		GM_57_B2_F05_MR
	3826	GM_57_B2_F06	GM_57_B2_F06_T7	
35	3827	GM_57_B2_F06		GM_57_B2_F06_MR
	3828	GM_57_B2_F07	GM_57_B2_F07_T7	
	3829	GM_57_B2_F07		GM_57_B2_F07_MR
	3830	GM_57_B2_F08	GM_57_B2_F08_T7	
	3831	GM_57_B2_F08		GM_57_B2_F08_MR
40	3832	GM_57_B2_F09	GM_57_B2_F09_T7	
	3833	GM_57_B2_F09		GM_57_B2_F09_MR
	3834	GM_57_B2_F10		GM_57_B2_F10_MR
	3835	GM_57_B2_F11	GM_57_B2_F11_T7	
	3836	GM_57_B2_F11		GM_57_B2_F11_MR
45	3837	GM_57_B2_F12	GM_57_B2_F12_T7	
	3838	GM_57_B2_F12		GM_57_B2_F12_MR
	3839	GM_57_B2_G01	GM_57_B2_G01_T7	
	3840	GM_57_B2_G01		GM_57_B2_G01_MR
	3841	GM_57_B2_G02	GM_57_B2_G02_T7	
50	3842	GM_57_B2_G02		GM_57_B2_G02_MR
	3843	GM_57_B2_G03	GM_57_B2_G03_T7	
	3844	GM_57_B2_G03		GM_57_B2_G03_MR
	3845	GM_57_B2_G04	GM_57_B2_G04_T7	
	3846	GM_57_B2_G04		GM_57_B2_G04_MR
55	3847	GM_57_B2_G05	GM_57_B2_G05_T7	

	3848	GM_57_B2_G05		GM_57_B2_G05_MR
	3849	GM_57_B2_G06	GM_57_B2_G06_T7	
	3850	GM_57_B2_G06		GM_57_B2_G06_MR
	3851	GM_57_B2_G07	GM_57_B2_G07_T7	
5	3852	GM_57_B2_G07		GM_57_B2_G07_MR
	3853	GM_57_B2_G08	GM_57_B2_G08_T7	
	3854	GM_57_B2_G08		GM_57_B2_G08_MR
	3855	GM_57_B2_G09	GM_57_B2_G09_T7	
	3856	GM_57_B2_G09		GM_57_B2_G09_MR
10	3857	GM_57_B2_G10	GM_57_B2_G10_T7	
	3858	GM_57_B2_G10		GM_57_B2_G10_MR
	3859	GM_57_B2_G11	GM_57_B2_G11_T7	
	3860	GM_57_B2_G11		GM_57_B2_G11_MR
	3861	GM_57_B2_G12	GM_57_B2_G12_T7	
15	3862	GM_57_B2_G12		GM_57_B2_G12_MR
	3863	GM_57_B2_H01	GM_57_B2_H01_T7	
	3864	GM_57_B2_H01		GM_57_B2_H01_MR
	3865	GM_57_B2_H02	GM_57_B2_H02_T7	
	3866	GM_57_B2_H02		GM_57_B2_H02_MR
20	3867	GM_57_B2_H03	GM_57_B2_H03_T7	
	3868	GM_57_B2_H03		GM_57_B2_H03_MR
	3869	GM_57_B2_H04	GM_57_B2_H04_T7	
	3870	GM_57_B2_H04		GM_57_B2_H04_MR
	3871	GM_57_B2_H05	GM_57_B2_H05_T7	
25	3872	GM_57_B2_H05		GM_57_B2_H05_MR
	3873	GM_57_B2_H06	GM_57_B2_H06_T7	
	3874	GM_57_B2_H06		GM_57_B2_H06_MR
	3875	GM_57_B2_H07	GM_57_B2_H07_T7	
	3876	GM_57_B2_H07		GM_57_B2_H07_MR
30	3877	GM_57_B2_H08	GM_57_B2_H08_T7	
	3878	GM_57_B2_H08		GM_57_B2_H08_MR
	3879	GM_57_B2_H09	GM_57_B2_H09_T7	
	3880	GM_57_B2_H09		GM_57_B2_H09_MR
	3881	GM_57_B2_H10	GM_57_B2_H10_T7	
35	3882	GM_57_B2_H10		GM_57_B2_H10_MR
	3883	GM_57_B2_H11	GM_57_B2_H11_T7	
	3884	GM_57_B2_H11		GM_57_B2_H11_MR
	3885	GM_57_B2_H12	GM_57_B2_H12_T7	
	3886	GM_57_B2_H12		GM_57_B2_H12_MR
40	3887	GM_58_A1_A01	GM_58_A1_A01_T7	
	3888	GM_58_A1_A01		GM_58_A1_A01_MR
	3889	GM_58_A1_A02	GM_58_A1_A02_T7	
	3890	GM_58_A1_A02		GM_58_A1_A02_MR
	3891	GM_58_A1_A03	GM_58_A1_A03_T7	
45	3892	GM_58_A1_A03		GM_58_A1_A03_MR
	3893	GM_58_A1_A04	GM_58_A1_A04_T7	
	3894	GM_58_A1_A04		GM_58_A1_A04_MR
	3895	GM_58_A1_A05	GM_58_A1_A05_T7	
	3896	GM_58_A1_A05		GM_58_A1_A05_MR
50	3897	GM_58_A1_A06	GM_58_A1_A06_T7	
	3898	GM_58_A1_A06		GM_58_A1_A06_MR
	3899	GM_58_A1_A07	GM_58_A1_A07_T7	
	3900	GM_58_A1_A07		GM_58_A1_A07_MR
	3901	GM_58_A1_A08	GM_58_A1_A08_T7	
55	3902	GM_58_A1_A08		GM_58_A1_A08_MR

	3903	GM_58_A1_A09	GM_58_A1_A09_T7	
	3904	GM_58_A1_A09		GM_58_A1_A09_MR
	3905	GM_58_A1_A10	GM_58_A1_A10_T7	
	3906	GM_58_A1_A10		GM_58_A1_A10_MR
5	3907	GM_58_A1_A11	GM_58_A1_A11_T7	
	3908	GM_58_A1_A11		GM_58_A1_A11_MR
	3909	GM_58_A1_A12	GM_58_A1_A12_T7	
	3910	GM_58_A1_A12		GM_58_A1_A12_MR
	3911	GM_58_A1_B01	GM_58_A1_B01_T7	
10	3912	GM_58_A1_B01		GM_58_A1_B01_MR
	3913	GM_58_A1_B02	GM_58_A1_B02_T7	
	3914	GM_58_A1_B02		GM_58_A1_B02_MR
	3915	GM_58_A1_B03	GM_58_A1_B03_T7	
	3916	GM_58_A1_B03		GM_58_A1_B03_MR
15	3917	GM_58_A1_B04	GM_58_A1_B04_T7	
	3918	GM_58_A1_B04		GM_58_A1_B04_MR
	3919	GM_58_A1_B05	GM_58_A1_B05_T7	
	3920	GM_58_A1_B05		GM_58_A1_B05_MR
	3921	GM_58_A1_B06	GM_58_A1_B06_T7	
20	3922	GM_58_A1_B06		GM_58_A1_B06_MR
	3923	GM_58_A1_B07	GM_58_A1_B07_T7	
	3924	GM_58_A1_B07		GM_58_A1_B07_MR
	3925	GM_58_A1_B08	GM_58_A1_B08_T7	
	3926	GM_58_A1_B08		GM_58_A1_B08_MR
25	3927	GM_58_A1_B09	GM_58_A1_B09_T7	
	3928	GM_58_A1_B09		GM_58_A1_B09_MR
	3929	GM_58_A1_B10	GM_58_A1_B10_T7	
	3930	GM_58_A1_B10		GM_58_A1_B10_MR
	3931	GM_58_A1_B11	GM_58_A1_B11_T7	
30	3932	GM_58_A1_B11		GM_58_A1_B11_MR
	3933	GM_58_A1_B12	GM_58_A1_B12_T7	
	3934	GM_58_A1_B12		GM_58_A1_B12_MR
	3935	GM_58_A1_C01	GM_58_A1_C01_T7	
	3936	GM_58_A1_C01		GM_58_A1_C01_MR
35	3937	GM_58_A1_C02	GM_58_A1_C02_T7	
	3938	GM_58_A1_C02		GM_58_A1_C02_MR
	3939	GM_58_A1_C03	GM_58_A1_C03_T7	
	3940	GM_58_A1_C03		GM_58_A1_C03_MR
	3941	GM_58_A1_C04	GM_58_A1_C04_T7	
40	3942	GM_58_A1_C04		GM_58_A1_C04_MR
	3943	GM_58_A1_C05	GM_58_A1_C05_T7	
	3944	GM_58_A1_C05		GM_58_A1_C05_MR
	3945	GM_58_A1_C06	GM_58_A1_C06_T7	
	3946	GM_58_A1_C06		GM_58_A1_C06_MR
45	3947	GM_58_A1_C07	GM_58_A1_C07_T7	
	3948	GM_58_A1_C07		GM_58_A1_C07_MR
	3949	GM_58_A1_C08	GM_58_A1_C08_T7	
	3950	GM_58_A1_C08		GM_58_A1_C08_MR
	3951	GM_58_A1_C09	GM_58_A1_C09_T7	
50	3952	GM_58_A1_C09		GM_58_A1_C09_MR
	3953	GM_58_A1_C10	GM_58_A1_C10_T7	
	3954	GM_58_A1_C10		GM_58_A1_C10_MR
	3955	GM_58_A1_C11	GM_58_A1_C11_T7	
	3956	GM_58_A1_C11		GM_58_A1_C11_MR
55	3957	GM_58_A1_C12	GM_58_A1_C12_T7	

	3958	GM_58_A1_C12		GM_58_A1_C12_MR
	3959	GM_58_A1_D01	GM_58_A1_D01_T7	
	3960	GM_58_A1_D01		GM_58_A1_D01_MR
	3961	GM_58_A1_D02	GM_58_A1_D02_T7	
5	3962	GM_58_A1_D02		GM_58_A1_D02_MR
	3963	GM_58_A1_D03	GM_58_A1_D03_T7	
	3964	GM_58_A1_D03		GM_58_A1_D03_MR
	3965	GM_58_A1_D04	GM_58_A1_D04_T7	
	3966	GM_58_A1_D04		GM_58_A1_D04_MR
10	3967	GM_58_A1_D05	GM_58_A1_D05_T7	
	3968	GM_58_A1_D05		GM_58_A1_D05_MR
	3969	GM_58_A1_D06	GM_58_A1_D06_T7	
	3970	GM_58_A1_D06		GM_58_A1_D06_MR
	3971	GM_58_A1_D07	GM_58_A1_D07_T7	
15	3972	GM_58_A1_D07		GM_58_A1_D07_MR
	3973	GM_58_A1_D08	GM_58_A1_D08_T7	
	3974	GM_58_A1_D08		GM_58_A1_D08_MR
	3975	GM_58_A1_D09	GM_58_A1_D09_T7	
	3976	GM_58_A1_D09		GM_58_A1_D09_MR
20	3977	GM_58_A1_D11	GM_58_A1_D11_T7	
	3978	GM_58_A1_D11		GM_58_A1_D11_MR
	3979	GM_58_A1_D12	GM_58_A1_D12_T7	
	3980	GM_58_A1_D12		GM_58_A1_D12_MR
	3981	GM_58_A1_E01	GM_58_A1_E01_T7	
25	3982	GM_58_A1_E01		GM_58_A1_E01_MR
	3983	GM_58_A1_E02	GM_58_A1_E02_T7	
	3984	GM_58_A1_E02		GM_58_A1_E02_MR
	3985	GM_58_A1_E03	GM_58_A1_E03_T7	
	3986	GM_58_A1_E03		GM_58_A1_E03_MR
30	3987	GM_58_A1_E04	GM_58_A1_E04_T7	
	3988	GM_58_A1_E04		GM_58_A1_E04_MR
	3989	GM_58_A1_E05	GM_58_A1_E05_T7	
	3990	GM_58_A1_E05		GM_58_A1_E05_MR
	3991	GM_58_A1_E06	GM_58_A1_E06_T7	
35	3992	GM_58_A1_E06		GM_58_A1_E06_MR
	3993	GM_58_A1_E07	GM_58_A1_E07_T7	
	3994	GM_58_A1_E07		GM_58_A1_E07_MR
	3995	GM_58_A1_E08	GM_58_A1_E08_T7	
	3996	GM_58_A1_E08		GM_58_A1_E08_MR
40	3997	GM_58_A1_E09	GM_58_A1_E09_T7	
	3998	GM_58_A1_E09		GM_58_A1_E09_MR
	3999	GM_58_A1_E10	GM_58_A1_E10_T7	
	4000	GM_58_A1_E10		GM_58_A1_E10_MR
	4001	GM_58_A1_E11	GM_58_A1_E11_T7	
45	4002	GM_58_A1_E11		GM_58_A1_E11_MR
	4003	GM_58_A1_E12	GM_58_A1_E12_T7	
	4004	GM_58_A1_E12		GM_58_A1_E12_MR
	4005	GM_58_A1_F01	GM_58_A1_F01_T7	
	4006	GM_58_A1_F01		GM_58_A1_F01_MR
50	4007	GM_58_A1_F02	GM_58_A1_F02_T7	
	4008	GM_58_A1_F02		GM_58_A1_F02_MR
	4009	GM_58_A1_F03	GM_58_A1_F03_T7	
	4010	GM_58_A1_F03		GM_58_A1_F03_MR
	4011	GM_58_A1_F04	GM_58_A1_F04_T7	
55	4012	GM_58_A1_F04		GM_58_A1_F04_MR

	4013	GM_58_A1_F05	GM_58_A1_F05_T7	
	4014	GM_58_A1_F05		GM_58_A1_F05_MR
	4015	GM_58_A1_F06	GM_58_A1_F06_T7	
	4016	GM_58_A1_F06		GM_58_A1_F06_MR
5	4017	GM_58_A1_F07	GM_58_A1_F07_T7	
	4018	GM_58_A1_F07		GM_58_A1_F07_MR
	4019	GM_58_A1_F08	GM_58_A1_F08_T7	
	4020	GM_58_A1_F08		GM_58_A1_F08_MR
	4021	GM_58_A1_F09	GM_58_A1_F09_T7	
10	4022	GM_58_A1_F09		GM_58_A1_F09_MR
	4023	GM_58_A1_F10	GM_58_A1_F10_T7	
	4024	GM_58_A1_F10		GM_58_A1_F10_MR
	4025	GM_58_A1_F11	GM_58_A1_F11_T7	
	4026	GM_58_A1_F11		GM_58_A1_F11_MR
15	4027	GM_58_A1_F12	GM_58_A1_F12_T7	
	4028	GM_58_A1_F12		GM_58_A1_F12_MR
	4029	GM_58_A1_G01	GM_58_A1_G01_T7	
	4030	GM_58_A1_G01		GM_58_A1_G01_MR
	4031	GM_58_A1_G02	GM_58_A1_G02_T7	
20	4032	GM_58_A1_G02		GM_58_A1_G02_MR
	4033	GM_58_A1_G03	GM_58_A1_G03_T7	
	4034	GM_58_A1_G03		GM_58_A1_G03_MR
	4035	GM_58_A1_G04	GM_58_A1_G04_T7	
	4036	GM_58_A1_G04		GM_58_A1_G04_MR
25	4037	GM_58_A1_G05	GM_58_A1_G05_T7	
	4038	GM_58_A1_G05		GM_58_A1_G05_MR
	4039	GM_58_A1_G06	GM_58_A1_G06_T7	
	4040	GM_58_A1_G06		GM_58_A1_G06_MR
	4041	GM_58_A1_G07	GM_58_A1_G07_T7	
30	4042	GM_58_A1_G07		GM_58_A1_G07_MR
	4043	GM_58_A1_G08	GM_58_A1_G08_T7	
	4044	GM_58_A1_G08		GM_58_A1_G08_MR
	4045	GM_58_A1_G09	GM_58_A1_G09_T7	
	4046	GM_58_A1_G09		GM_58_A1_G09_MR
35	4047	GM_58_A1_G10	GM_58_A1_G10_T7	
	4048	GM_58_A1_G10		GM_58_A1_G10_MR
	4049	GM_58_A1_G11	GM_58_A1_G11_T7	
	4050	GM_58_A1_G11		GM_58_A1_G11_MR
	4051	GM_58_A1_G12	GM_58_A1_G12_T7	
40	4052	GM_58_A1_G12		GM_58_A1_G12_MR
	4053	GM_58_A1_H01	GM_58_A1_H01_T7	
	4054	GM_58_A1_H01		GM_58_A1_H01_MR
	4055	GM_58_A1_H02	GM_58_A1_H02_T7	
	4056	GM_58_A1_H02		GM_58_A1_H02_MR
45	4057	GM_58_A1_H03	GM_58_A1_H03_T7	
	4058	GM_58_A1_H03		GM_58_A1_H03_MR
	4059	GM_58_A1_H04	GM_58_A1_H04_T7	
	4060	GM_58_A1_H04		GM_58_A1_H04_MR
	4061	GM_58_A1_H05	GM_58_A1_H05_T7	
50	4062	GM_58_A1_H05		GM_58_A1_H05_MR
	4063	GM_58_A1_H06	GM_58_A1_H06_T7	
	4064	GM_58_A1_H06		GM_58_A1_H06_MR
	4065	GM_58_A1_H07	GM_58_A1_H07_T7	
	4066	GM_58_A1_H07		GM_58_A1_H07_MR
55	4067	GM_58_A1_H08	GM_58_A1_H08_T7	

	4068	GM_58_A1_H08		GM_58_A1_H08_MR
	4069	GM_58_A1_H09	GM_58_A1_H09_T7	
	4070	GM_58_A1_H09		GM_58_A1_H09_MR
	4071	GM_58_A1_H10	GM_58_A1_H10_T7	
5	4072	GM_58_A1_H10		GM_58_A1_H10_MR
	4073	GM_58_A1_H11	GM_58_A1_H11_T7	
	4074	GM_58_A1_H11		GM_58_A1_H11_MR
	4075	GM_58_A1_H12	GM_58_A1_H12_T7	
	4076	GM_58_A2_A01	GM_58_A2_A01_T7	
10	4077	GM_58_A2_A01		GM_58_A2_A01_MR
	4078	GM_58_A2_A02	GM_58_A2_A02_T7	
	4079	GM_58_A2_A02		GM_58_A2_A02_MR
	4080	GM_58_A2_A03	GM_58_A2_A03_T7	
	4081	GM_58_A2_A03		GM_58_A2_A03_MR
15	4082	GM_58_A2_A04	GM_58_A2_A04_T7	
	4083	GM_58_A2_A04		GM_58_A2_A04_MR
	4084	GM_58_A2_A05	GM_58_A2_A05_T7	
	4085	GM_58_A2_A05		GM_58_A2_A05_MR
	4086	GM_58_A2_A06	GM_58_A2_A06_T7	
20	4087	GM_58_A2_A07	GM_58_A2_A07_T7	
	4088	GM_58_A2_A07		GM_58_A2_A07_MR
	4089	GM_58_A2_A08	GM_58_A2_A08_T7	
	4090	GM_58_A2_A08		GM_58_A2_A08_MR
	4091	GM_58_A2_A09	GM_58_A2_A09_T7	
25	4092	GM_58_A2_A09		GM_58_A2_A09_MR
	4093	GM_58_A2_A10	GM_58_A2_A10_T7	
	4094	GM_58_A2_A10		GM_58_A2_A10_MR
	4095	GM_58_A2_A11	GM_58_A2_A11_T7	
	4096	GM_58_A2_A11		GM_58_A2_A11_MR
30	4097	GM_58_A2_A12	GM_58_A2_A12_T7	
	4098	GM_58_A2_B01	GM_58_A2_B01_T7	
	4099	GM_58_A2_B01		GM_58_A2_B01_MR
	4100	GM_58_A2_B02	GM_58_A2_B02_T7	
	4101	GM_58_A2_B02		GM_58_A2_B02_MR
35	4102	GM_58_A2_B03	GM_58_A2_B03_T7	
	4103	GM_58_A2_B03		GM_58_A2_B03_MR
	4104	GM_58_A2_B04	GM_58_A2_B04_T7	
	4105	GM_58_A2_B04		GM_58_A2_B04_MR
	4106	GM_58_A2_B06		GM_58_A2_B06_MR
40	4107	GM_58_A2_B07	GM_58_A2_B07_T7	
	4108	GM_58_A2_B07		GM_58_A2_B07_MR
	4109	GM_58_A2_B08	GM_58_A2_B08_T7	
	4110	GM_58_A2_B08		GM_58_A2_B08_MR
	4111	GM_58_A2_B11	GM_58_A2_B11_T7	
45	4112	GM_58_A2_B11		GM_58_A2_B11_MR
	4113	GM_58_A2_B12		GM_58_A2_B12_MR
	4114	GM_58_A2_C01	GM_58_A2_C01_T7	
	4115	GM_58_A2_C01		GM_58_A2_C01_MR
	4116	GM_58_A2_C02	GM_58_A2_C02_T7	
50	4117	GM_58_A2_C02		GM_58_A2_C02_MR
	4118	GM_58_A2_C03	GM_58_A2_C03_T7	
	4119	GM_58_A2_C03		GM_58_A2_C03_MR
	4120	GM_58_A2_C04	GM_58_A2_C04_T7	
	4121	GM_58_A2_C04		GM_58_A2_C04_MR
55	4122	GM_58_A2_C05	GM_58_A2_C05_T7	

	4123	GM_58_A2_C05		GM_58_A2_C05_MR
	4124	GM_58_A2_C06	GM_58_A2_C06_T7	
	4125	GM_58_A2_C06		GM_58_A2_C06_MR
	4126	GM_58_A2_C07	GM_58_A2_C07_T7	
5	4127	GM_58_A2_C07		GM_58_A2_C07_MR
	4128	GM_58_A2_C08	GM_58_A2_C08_T7	
	4129	GM_58_A2_C08		GM_58_A2_C08_MR
	4130	GM_58_A2_C09	GM_58_A2_C09_T7	
	4131	GM_58_A2_C09		GM_58_A2_C09_MR
10	4132	GM_58_A2_C10	GM_58_A2_C10_T7	
	4133	GM_58_A2_C10		GM_58_A2_C10_MR
	4134	GM_58_A2_C11	GM_58_A2_C11_T7	
	4135	GM_58_A2_C12	GM_58_A2_C12_T7	
	4136	GM_58_A2_C12		GM_58_A2_C12_MR
15	4137	GM_58_A2_D01	GM_58_A2_D01_T7	
	4138	GM_58_A2_D01		GM_58_A2_D01_MR
	4139	GM_58_A2_D02	GM_58_A2_D02_T7	
	4140	GM_58_A2_D02		GM_58_A2_D02_MR
	4141	GM_58_A2_D03	GM_58_A2_D03_T7	
20	4142	GM_58_A2_D03		GM_58_A2_D03_MR
	4143	GM_58_A2_D04	GM_58_A2_D04_T7	
	4144	GM_58_A2_D04		GM_58_A2_D04_MR
	4145	GM_58_A2_D05	GM_58_A2_D05_T7	
	4146	GM_58_A2_D05		GM_58_A2_D05_MR
25	4147	GM_58_A2_D06	GM_58_A2_D06_T7	
	4148	GM_58_A2_D06		GM_58_A2_D06_MR
	4149	GM_58_A2_D07	GM_58_A2_D07_T7	
	4150	GM_58_A2_D07		GM_58_A2_D07_MR
	4151	GM_58_A2_D08	GM_58_A2_D08_T7	
30	4152	GM_58_A2_D08		GM_58_A2_D08_MR
	4153	GM_58_A2_D09	GM_58_A2_D09_T7	
	4154	GM_58_A2_D09		GM_58_A2_D09_MR
	4155	GM_58_A2_D10	GM_58_A2_D10_T7	
	4156	GM_58_A2_D10		GM_58_A2_D10_MR
35	4157	GM_58_A2_D11	GM_58_A2_D11_T7	
	4158	GM_58_A2_D11		GM_58_A2_D11_MR
	4159	GM_58_A2_D12	GM_58_A2_D12_T7	
	4160	GM_58_A2_D12		GM_58_A2_D12_MR
	4161	GM_58_A2_E01	GM_58_A2_E01_T7	
40	4162	GM_58_A2_E01		GM_58_A2_E01_MR
	4163	GM_58_A2_E02	GM_58_A2_E02_T7	
	4164	GM_58_A2_E02		GM_58_A2_E02_MR
	4165	GM_58_A2_E03	GM_58_A2_E03_T7	
	4166	GM_58_A2_E03		GM_58_A2_E03_MR
45	4167	GM_58_A2_E04	GM_58_A2_E04_T7	
	4168	GM_58_A2_E04		GM_58_A2_E04_MR
	4169	GM_58_A2_E05	GM_58_A2_E05_T7	
	4170	GM_58_A2_E05		GM_58_A2_E05_MR
	4171	GM_58_A2_E06	GM_58_A2_E06_T7	
50	4172	GM_58_A2_E06		GM_58_A2_E06_MR
	4173	GM_58_A2_E07	GM_58_A2_E07_T7	
	4174	GM_58_A2_E07		GM_58_A2_E07_MR
	4175	GM_58_A2_E08	GM_58_A2_E08_T7	
	4176	GM_58_A2_E08		GM_58_A2_E08_MR
55	4177	GM_58_A2_E09	GM_58_A2_E09_T7	

	4178	GM_58_A2_E09		GM_58_A2_E09_MR
	4179	GM_58_A2_E10	GM_58_A2_E10_T7	
	4180	GM_58_A2_E10		GM_58_A2_E10_MR
	4181	GM_58_A2_E11	GM_58_A2_E11_T7	
5	4182	GM_58_A2_E11		GM_58_A2_E11_MR
	4183	GM_58_A2_E12	GM_58_A2_E12_T7	
	4184	GM_58_A2_E12		GM_58_A2_E12_MR
	4185	GM_58_A2_F01	GM_58_A2_F01_T7	
	4186	GM_58_A2_F01		GM_58_A2_F01_MR
10	4187	GM_58_A2_F02	GM_58_A2_F02_T7	
	4188	GM_58_A2_F02		GM_58_A2_F02_MR
	4189	GM_58_A2_F03	GM_58_A2_F03_T7	
	4190	GM_58_A2_F03		GM_58_A2_F03_MR
	4191	GM_58_A2_F04	GM_58_A2_F04_T7	
15	4192	GM_58_A2_F04		GM_58_A2_F04_MR
	4193	GM_58_A2_F05	GM_58_A2_F05_T7	
	4194	GM_58_A2_F05		GM_58_A2_F05_MR
	4195	GM_58_A2_F06	GM_58_A2_F06_T7	
	4196	GM_58_A2_F06		GM_58_A2_F06_MR
20	4197	GM_58_A2_F07	GM_58_A2_F07_T7	
	4198	GM_58_A2_F07		GM_58_A2_F07_MR
	4199	GM_58_A2_F08		GM_58_A2_F08_MR
	4200	GM_58_A2_F09	GM_58_A2_F09_T7	
	4201	GM_58_A2_F09		GM_58_A2_F09_MR
25	4202	GM_58_A2_F10	GM_58_A2_F10_T7	
	4203	GM_58_A2_F10		GM_58_A2_F10_MR
	4204	GM_58_A2_F11	GM_58_A2_F11_T7	
	4205	GM_58_A2_F11		GM_58_A2_F11_MR
	4206	GM_58_A2_F12	GM_58_A2_F12_T7	
30	4207	GM_58_A2_F12		GM_58_A2_F12_MR
	4208	GM_58_A2_G01	GM_58_A2_G01_T7	
	4209	GM_58_A2_G01		GM_58_A2_G01_MR
	4210	GM_58_A2_G02	GM_58_A2_G02_T7	
	4211	GM_58_A2_G02		GM_58_A2_G02_MR
35	4212	GM_58_A2_G03	GM_58_A2_G03_T7	
	4213	GM_58_A2_G03		GM_58_A2_G03_MR
	4214	GM_58_A2_G04	GM_58_A2_G04_T7	
	4215	GM_58_A2_G04		GM_58_A2_G04_MR
	4216	GM_58_A2_G05	GM_58_A2_G05_T7	
40	4217	GM_58_A2_G05		GM_58_A2_G05_MR
	4218	GM_58_A2_G06	GM_58_A2_G06_T7	
	4219	GM_58_A2_G06		GM_58_A2_G06_MR
	4220	GM_58_A2_G07	GM_58_A2_G07_T7	
	4221	GM_58_A2_G07		GM_58_A2_G07_MR
45	4222	GM_58_A2_G08	GM_58_A2_G08_T7	
	4223	GM_58_A2_G08		GM_58_A2_G08_MR
	4224	GM_58_A2_G09	GM_58_A2_G09_T7	
	4225	GM_58_A2_G09		GM_58_A2_G09_MR
	4226	GM_58_A2_G10		GM_58_A2_G10_MR
50	4227	GM_58_A2_G11	GM_58_A2_G11_T7	
	4228	GM_58_A2_G11		GM_58_A2_G11_MR
	4229	GM_58_A2_G12	GM_58_A2_G12_T7	
	4230	GM_58_A2_G12		GM_58_A2_G12_MR
	4231	GM_58_A2_H01	GM_58_A2_H01_T7	
55	4232	GM_58_A2_H01		GM_58_A2_H01_MR

	4233	GM_58_A2_H02	GM_58_A2_H02_T7	
	4234	GM_58_A2_H02		GM_58_A2_H02_MR
	4235	GM_58_A2_H03	GM_58_A2_H03_T7	
	4236	GM_58_A2_H03		GM_58_A2_H03_MR
5	4237	GM_58_A2_H04	GM_58_A2_H04_T7	
	4238	GM_58_A2_H04		GM_58_A2_H04_MR
	4239	GM_58_A2_H05	GM_58_A2_H05_T7	
	4240	GM_58_A2_H05		GM_58_A2_H05_MR
	4241	GM_58_A2_H06	GM_58_A2_H06_T7	
10	4242	GM_58_A2_H06		GM_58_A2_H06_MR
	4243	GM_58_A2_H07	GM_58_A2_H07_T7	
	4244	GM_58_A2_H07		GM_58_A2_H07_MR
	4245	GM_58_A2_H08	GM_58_A2_H08_T7	
	4246	GM_58_A2_H08		GM_58_A2_H08_MR
15	4247	GM_58_A2_H09	GM_58_A2_H09_T7	
	4248	GM_58_A2_H09		GM_58_A2_H09_MR
	4249	GM_58_A2_H10		GM_58_A2_H10_MR
	4250	GM_58_A2_H11	GM_58_A2_H11_T7	
	4251	GM_58_A2_H11		GM_58_A2_H11_MR
20	4252	GM_58_A2_H12	GM_58_A2_H12_T7	
	4253	GM_58_A2_H12		GM_58_A2_H12_MR
	4254	GM_58_B1_A01		GM_58_B1_A01_MR
	4255	GM_58_B1_A02		GM_58_B1_A02_MR
	4256	GM_58_B1_A03		GM_58_B1_A03_MR
25	4257	GM_58_B1_A04		GM_58_B1_A04_MR
	4258	GM_58_B1_A05		GM_58_B1_A05_MR
	4259	GM_58_B1_A06		GM_58_B1_A06_MR
	4260	GM_58_B1_A07		GM_58_B1_A07_MR
	4261	GM_58_B1_A08		GM_58_B1_A08_MR
30	4262	GM_58_B1_A10		GM_58_B1_A10_MR
	4263	GM_58_B1_A12		GM_58_B1_A12_MR
	4264	GM_58_B1_B01		GM_58_B1_B01_MR
	4265	GM_58_B1_B02		GM_58_B1_B02_MR
	4266	GM_58_B1_B03		GM_58_B1_B03_MR
35	4267	GM_58_B1_B04		GM_58_B1_B04_MR
	4268	GM_58_B1_B05		GM_58_B1_B05_MR
	4269	GM_58_B1_B06		GM_58_B1_B06_MR
	4270	GM_58_B1_B07		GM_58_B1_B07_MR
	4271	GM_58_B1_B08		GM_58_B1_B08_MR
40	4272	GM_58_B1_B09		GM_58_B1_B09_MR
	4273	GM_58_B1_B11		GM_58_B1_B11_MR
	4274	GM_58_B1_B12		GM_58_B1_B12_MR
	4275	GM_58_B1_C01		GM_58_B1_C01_MR
	4276	GM_58_B1_C02		GM_58_B1_C02_MR
45	4277	GM_58_B1_C03		GM_58_B1_C03_MR
	4278	GM_58_B1_C04		GM_58_B1_C04_MR
	4279	GM_58_B1_C05		GM_58_B1_C05_MR
	4280	GM_58_B1_C06		GM_58_B1_C06_MR
	4281	GM_58_B1_C07		GM_58_B1_C07_MR
50	4282	GM_58_B1_C08		GM_58_B1_C08_MR
	4283	GM_58_B1_C09		GM_58_B1_C09_MR
	4284	GM_58_B1_C10		GM_58_B1_C10_MR
	4285	GM_58_B1_C11		GM_58_B1_C11_MR
	4286	GM_58_B1_C12		GM_58_B1_C12_MR
55	4287	GM_58_B1_D01		GM_58_B1_D01_MR

	4288	GM_58_B1_D02	GM_58_B1_D02_MR
	4289	GM_58_B1_D03	GM_58_B1_D03_MR
	4290	GM_58_B1_D04	GM_58_B1_D04_MR
	4291	GM_58_B1_D05	GM_58_B1_D05_MR
5	4292	GM_58_B1_D06	GM_58_B1_D06_MR
	4293	GM_58_B1_D07	GM_58_B1_D07_MR
	4294	GM_58_B1_D08	GM_58_B1_D08_MR
	4295	GM_58_B1_D09	GM_58_B1_D09_MR
	4296	GM_58_B1_D10	GM_58_B1_D10_MR
10	4297	GM_58_B1_D11	GM_58_B1_D11_MR
	4298	GM_58_B1_D12	GM_58_B1_D12_MR
	4299	GM_58_B1_E01	GM_58_B1_E01_MR
	4300	GM_58_B1_E02	GM_58_B1_E02_MR
	4301	GM_58_B1_E03	GM_58_B1_E03_MR
15	4302	GM_58_B1_E04	GM_58_B1_E04_MR
	4303	GM_58_B1_E05	GM_58_B1_E05_MR
	4304	GM_58_B1_E06	GM_58_B1_E06_MR
	4305	GM_58_B1_E07	GM_58_B1_E07_MR
	4306	GM_58_B1_E08	GM_58_B1_E08_MR
20	4307	GM_58_B1_E09	GM_58_B1_E09_MR
	4308	GM_58_B1_E10	GM_58_B1_E10_MR
	4309	GM_58_B1_E12	GM_58_B1_E12_MR
	4310	GM_58_B1_F01	GM_58_B1_F01_MR
	4311	GM_58_B1_F02	GM_58_B1_F02_MR
25	4312	GM_58_B1_F03	GM_58_B1_F03_MR
	4313	GM_58_B1_F04	GM_58_B1_F04_MR
	4314	GM_58_B1_F05	GM_58_B1_F05_MR
	4315	GM_58_B1_F07	GM_58_B1_F07_MR
	4316	GM_58_B1_F08	GM_58_B1_F08_MR
30	4317	GM_58_B1_F09	GM_58_B1_F09_MR
	4318	GM_58_B1_F10	GM_58_B1_F10_MR
	4319	GM_58_B1_F11	GM_58_B1_F11_MR
	4320	GM_58_B1_F12	GM_58_B1_F12_MR
	4321	GM_58_B1_G01	GM_58_B1_G01_MR
35	4322	GM_58_B1_G02	GM_58_B1_G02_MR
	4323	GM_58_B1_G03	GM_58_B1_G03_MR
	4324	GM_58_B1_G04	GM_58_B1_G04_MR
	4325	GM_58_B1_G05	GM_58_B1_G05_MR
	4326	GM_58_B1_G06	GM_58_B1_G06_MR
40	4327	GM_58_B1_G07	GM_58_B1_G07_MR
	4328	GM_58_B1_G08	GM_58_B1_G08_MR
	4329	GM_58_B1_G09	GM_58_B1_G09_MR
	4330	GM_58_B1_G10	GM_58_B1_G10_MR
	4331	GM_58_B1_G11	GM_58_B1_G11_MR
45	4332	GM_58_B1_G12	GM_58_B1_G12_MR
	4333	GM_58_B1_H02	GM_58_B1_H02_MR
	4334	GM_58_B1_H03	GM_58_B1_H03_MR
	4335	GM_58_B1_H04	GM_58_B1_H04_MR
	4336	GM_58_B1_H06	GM_58_B1_H06_MR
50	4337	GM_58_B1_H07	GM_58_B1_H07_MR
	4338	GM_58_B1_H08	GM_58_B1_H08_MR
	4339	GM_58_B1_H09	GM_58_B1_H09_MR
	4340	GM_58_B1_H11	GM_58_B1_H11_MR
	4341	GM_58_B1_H12	GM_58_B1_H12_MR
55	4342	GM_58_B2_A01	GM_58_B2_A01_T7

	4343	GM_58_B2_A01		GM_58_B2_A01_MR
	4344	GM_58_B2_A02	GM_58_B2_A02_T7	
	4345	GM_58_B2_A02		GM_58_B2_A02_MR
	4346	GM_58_B2_A03	GM_58_B2_A03_T7	
5	4347	GM_58_B2_A03		GM_58_B2_A03_MR
	4348	GM_58_B2_A04	GM_58_B2_A04_T7	
	4349	GM_58_B2_A04		GM_58_B2_A04_MR
	4350	GM_58_B2_A05	GM_58_B2_A05_T7	
	4351	GM_58_B2_A05		GM_58_B2_A05_MR
10	4352	GM_58_B2_A06	GM_58_B2_A06_T7	
	4353	GM_58_B2_A06		GM_58_B2_A06_MR
	4354	GM_58_B2_A07	GM_58_B2_A07_T7	
	4355	GM_58_B2_A07		GM_58_B2_A07_MR
	4356	GM_58_B2_A08	GM_58_B2_A08_T7	
15	4357	GM_58_B2_A08		GM_58_B2_A08_MR
	4358	GM_58_B2_A09	GM_58_B2_A09_T7	
	4359	GM_58_B2_A09		GM_58_B2_A09_MR
	4360	GM_58_B2_A10	GM_58_B2_A10_T7	
	4361	GM_58_B2_A10		GM_58_B2_A10_MR
20	4362	GM_58_B2_A11	GM_58_B2_A11_T7	
	4363	GM_58_B2_A11		GM_58_B2_A11_MR
	4364	GM_58_B2_A12	GM_58_B2_A12_T7	
	4365	GM_58_B2_A12		GM_58_B2_A12_MR
	4366	GM_58_B2_B01	GM_58_B2_B01_T7	
25	4367	GM_58_B2_B01		GM_58_B2_B01_MR
	4368	GM_58_B2_B02	GM_58_B2_B02_T7	
	4369	GM_58_B2_B02		GM_58_B2_B02_MR
	4370	GM_58_B2_B03	GM_58_B2_B03_T7	
	4371	GM_58_B2_B03		GM_58_B2_B03_MR
30	4372	GM_58_B2_B04	GM_58_B2_B04_T7	
	4373	GM_58_B2_B04		GM_58_B2_B04_MR
	4374	GM_58_B2_B05	GM_58_B2_B05_T7	
	4375	GM_58_B2_B05		GM_58_B2_B05_MR
	4376	GM_58_B2_B06	GM_58_B2_B06_T7	
35	4377	GM_58_B2_B06		GM_58_B2_B06_MR
	4378	GM_58_B2_B07	GM_58_B2_B07_T7	
	4379	GM_58_B2_B07		GM_58_B2_B07_MR
	4380	GM_58_B2_B08	GM_58_B2_B08_T7	
	4381	GM_58_B2_B08		GM_58_B2_B08_MR
40	4382	GM_58_B2_B09	GM_58_B2_B09_T7	
	4383	GM_58_B2_B09		GM_58_B2_B09_MR
	4384	GM_58_B2_B10	GM_58_B2_B10_T7	
	4385	GM_58_B2_B10		GM_58_B2_B10_MR
	4386	GM_58_B2_B11		GM_58_B2_B11_MR
45	4387	GM_58_B2_B12	GM_58_B2_B12_T7	
	4388	GM_58_B2_B12		GM_58_B2_B12_MR
	4389	GM_58_B2_C01	GM_58_B2_C01_T7	
	4390	GM_58_B2_C01		GM_58_B2_C01_MR
	4391	GM_58_B2_C02	GM_58_B2_C02_T7	
50	4392	GM_58_B2_C02		GM_58_B2_C02_MR
	4393	GM_58_B2_C03	GM_58_B2_C03_T7	
	4394	GM_58_B2_C03		GM_58_B2_C03_MR
	4395	GM_58_B2_C04	GM_58_B2_C04_T7	
	4396	GM_58_B2_C04		GM_58_B2_C04_MR
55	4397	GM_58_B2_C05	GM_58_B2_C05_T7	

	4398	GM_58_B2_C05		GM_58_B2_C05_MR
	4399	GM_58_B2_C06	GM_58_B2_C06_T7	
	4400	GM_58_B2_C06		GM_58_B2_C06_MR
	4401	GM_58_B2_C07	GM_58_B2_C07_T7	
5	4402	GM_58_B2_C07		GM_58_B2_C07_MR
	4403	GM_58_B2_C09	GM_58_B2_C09_T7	
	4404	GM_58_B2_C09		GM_58_B2_C09_MR
	4405	GM_58_B2_C10	GM_58_B2_C10_T7	
	4406	GM_58_B2_C10		GM_58_B2_C10_MR
10	4407	GM_58_B2_C11	GM_58_B2_C11_T7	
	4408	GM_58_B2_C11		GM_58_B2_C11_MR
	4409	GM_58_B2_C12	GM_58_B2_C12_T7	
	4410	GM_58_B2_C12		GM_58_B2_C12_MR
	4411	GM_58_B2_D02		GM_58_B2_D02_MR
15	4412	GM_58_B2_D06	GM_58_B2_D06_T7	
	4413	GM_58_B2_D06		GM_58_B2_D06_MR
	4414	GM_58_B2_D09		GM_58_B2_D09_MR
	4415	GM_58_B2_D11	GM_58_B2_D11_T7	
	4416	GM_58_B2_E01	GM_58_B2_E01_T7	
20	4417	GM_58_B2_E02	GM_58_B2_E02_T7	
	4418	GM_58_B2_E02		GM_58_B2_E02_MR
	4419	GM_58_B2_E03	GM_58_B2_E03_T7	
	4420	GM_58_B2_E03		GM_58_B2_E03_MR
	4421	GM_58_B2_E04	GM_58_B2_E04_T7	
25	4422	GM_58_B2_E04		GM_58_B2_E04_MR
	4423	GM_58_B2_E05	GM_58_B2_E05_T7	
	4424	GM_58_B2_E05		GM_58_B2_E05_MR
	4425	GM_58_B2_E06	GM_58_B2_E06_T7	
	4426	GM_58_B2_E06		GM_58_B2_E06_MR
30	4427	GM_58_B2_E07	GM_58_B2_E07_T7	
	4428	GM_58_B2_E07		GM_58_B2_E07_MR
	4429	GM_58_B2_E08	GM_58_B2_E08_T7	
	4430	GM_58_B2_E08		GM_58_B2_E08_MR
	4431	GM_58_B2_E09	GM_58_B2_E09_T7	
35	4432	GM_58_B2_E09		GM_58_B2_E09_MR
	4433	GM_58_B2_E10	GM_58_B2_E10_T7	
	4434	GM_58_B2_E10		GM_58_B2_E10_MR
	4435	GM_58_B2_E11	GM_58_B2_E11_T7	
	4436	GM_58_B2_E11		GM_58_B2_E11_MR
40	4437	GM_58_B2_E12	GM_58_B2_E12_T7	
	4438	GM_58_B2_E12		GM_58_B2_E12_MR
	4439	GM_58_B2_F01	GM_58_B2_F01_T7	
	4440	GM_58_B2_F01		GM_58_B2_F01_MR
	4441	GM_58_B2_F02	GM_58_B2_F02_T7	
45	4442	GM_58_B2_F02		GM_58_B2_F02_MR
	4443	GM_58_B2_F03	GM_58_B2_F03_T7	
	4444	GM_58_B2_F03		GM_58_B2_F03_MR
	4445	GM_58_B2_F04	GM_58_B2_F04_T7	
	4446	GM_58_B2_F04		GM_58_B2_F04_MR
50	4447	GM_58_B2_F05	GM_58_B2_F05_T7	
	4448	GM_58_B2_F05		GM_58_B2_F05_MR
	4449	GM_58_B2_F06	GM_58_B2_F06_T7	
	4450	GM_58_B2_F06		GM_58_B2_F06_MR
	4451	GM_58_B2_F07	GM_58_B2_F07_T7	
55	4452	GM_58_B2_F07		GM_58_B2_F07_MR

	4453	GM_58_B2_F08	GM_58_B2_F08_T7	
	4454	GM_58_B2_F08		GM_58_B2_F08_MR
	4455	GM_58_B2_F09	GM_58_B2_F09_T7	
	4456	GM_58_B2_F09		GM_58_B2_F09_MR
5	4457	GM_58_B2_F10		GM_58_B2_F10_MR
	4458	GM_58_B2_F11	GM_58_B2_F11_T7	
	4459	GM_58_B2_F11		GM_58_B2_F11_MR
	4460	GM_58_B2_F12	GM_58_B2_F12_T7	
	4461	GM_58_B2_F12		GM_58_B2_F12_MR
10	4462	GM_58_B2_G01	GM_58_B2_G01_T7	
	4463	GM_58_B2_G01		GM_58_B2_G01_MR
	4464	GM_58_B2_G02	GM_58_B2_G02_T7	
	4465	GM_58_B2_G02		GM_58_B2_G02_MR
	4466	GM_58_B2_G03	GM_58_B2_G03_T7	
15	4467	GM_58_B2_G03		GM_58_B2_G03_MR
	4468	GM_58_B2_G04	GM_58_B2_G04_T7	
	4469	GM_58_B2_G04		GM_58_B2_G04_MR
	4470	GM_58_B2_G05	GM_58_B2_G05_T7	
	4471	GM_58_B2_G05		GM_58_B2_G05_MR
20	4472	GM_58_B2_G06	GM_58_B2_G06_T7	
	4473	GM_58_B2_G06		GM_58_B2_G06_MR
	4474	GM_58_B2_G07	GM_58_B2_G07_T7	
	4475	GM_58_B2_G07		GM_58_B2_G07_MR
	4476	GM_58_B2_G08	GM_58_B2_G08_T7	
25	4477	GM_58_B2_G08		GM_58_B2_G08_MR
	4478	GM_58_B2_G09	GM_58_B2_G09_T7	
	4479	GM_58_B2_G09		GM_58_B2_G09_MR
	4480	GM_58_B2_G11	GM_58_B2_G11_T7	
	4481	GM_58_B2_G11		GM_58_B2_G11_MR
30	4482	GM_58_B2_G12	GM_58_B2_G12_T7	
	4483	GM_58_B2_G12		GM_58_B2_G12_MR
	4484	GM_58_B2_H01	GM_58_B2_H01_T7	
	4485	GM_58_B2_H01		GM_58_B2_H01_MR
	4486	GM_58_B2_H03	GM_58_B2_H03_T7	
35	4487	GM_58_B2_H05	GM_58_B2_H05_T7	
	4488	GM_58_B2_H05		GM_58_B2_H05_MR
	4489	GM_58_B2_H10	GM_58_B2_H10_T7	
	4490	GM_58_B2_H10		GM_58_B2_H10_MR
	4491	GM_58_B2_H12		GM_58_B2_H12_MR
40	4492	GM_59_A1_A01	GM_59_A1_A01_T7	
	4493	GM_59_A1_A01		GM_59_A1_A01_MR
	4494	GM_59_A1_A02	GM_59_A1_A02_T7	
	4495	GM_59_A1_A02		GM_59_A1_A02_MR
	4496	GM_59_A1_A03	GM_59_A1_A03_T7	
45	4497	GM_59_A1_A03		GM_59_A1_A03_MR
	4498	GM_59_A1_A04	GM_59_A1_A04_T7	
	4499	GM_59_A1_A04		GM_59_A1_A04_MR
	4500	GM_59_A1_A05	GM_59_A1_A05_T7	
	4501	GM_59_A1_A05		GM_59_A1_A05_MR
50	4502	GM_59_A1_A06	GM_59_A1_A06_T7	
	4503	GM_59_A1_A06		GM_59_A1_A06_MR
	4504	GM_59_A1_A07	GM_59_A1_A07_T7	
	4505	GM_59_A1_A07		GM_59_A1_A07_MR
	4506	GM_59_A1_A08	GM_59_A1_A08_T7	
55	4507	GM_59_A1_A08		GM_59_A1_A08_MR

	4508	GM_59_A1_A09	GM_59_A1_A09_T7	
	4509	GM_59_A1_A09		GM_59_A1_A09_MR
	4510	GM_59_A1_A10	GM_59_A1_A10_T7	
	4511	GM_59_A1_A10		GM_59_A1_A10_MR
5	4512	GM_59_A1_A11	GM_59_A1_A11_T7	
	4513	GM_59_A1_A11		GM_59_A1_A11_MR
	4514	GM_59_A1_A12	GM_59_A1_A12_T7	
	4515	GM_59_A1_A12		GM_59_A1_A12_MR
	4516	GM_59_A1_B01	GM_59_A1_B01_T7	
10	4517	GM_59_A1_B01		GM_59_A1_B01_MR
	4518	GM_59_A1_B02	GM_59_A1_B02_T7	
	4519	GM_59_A1_B02		GM_59_A1_B02_MR
	4520	GM_59_A1_B03	GM_59_A1_B03_T7	
	4521	GM_59_A1_B03		GM_59_A1_B03_MR
15	4522	GM_59_A1_B04	GM_59_A1_B04_T7	
	4523	GM_59_A1_B04		GM_59_A1_B04_MR
	4524	GM_59_A1_B05	GM_59_A1_B05_T7	
	4525	GM_59_A1_B05		GM_59_A1_B05_MR
	4526	GM_59_A1_B06		GM_59_A1_B06_MR
20	4527	GM_59_A1_B07	GM_59_A1_B07_T7	
	4528	GM_59_A1_B07		GM_59_A1_B07_MR
	4529	GM_59_A1_B08	GM_59_A1_B08_T7	
	4530	GM_59_A1_B09	GM_59_A1_B09_T7	
	4531	GM_59_A1_B09		GM_59_A1_B09_MR
25	4532	GM_59_A1_B10		GM_59_A1_B10_MR
	4533	GM_59_A1_B11	GM_59_A1_B11_T7	
	4534	GM_59_A1_B11		GM_59_A1_B11_MR
	4535	GM_59_A1_B12	GM_59_A1_B12_T7	
	4536	GM_59_A1_B12		GM_59_A1_B12_MR
30	4537	GM_59_A1_C01	GM_59_A1_C01_T7	
	4538	GM_59_A1_C01		GM_59_A1_C01_MR
	4539	GM_59_A1_C02	GM_59_A1_C02_T7	
	4540	GM_59_A1_C02		GM_59_A1_C02_MR
	4541	GM_59_A1_C03	GM_59_A1_C03_T7	
35	4542	GM_59_A1_C03		GM_59_A1_C03_MR
	4543	GM_59_A1_C04	GM_59_A1_C04_T7	
	4544	GM_59_A1_C04		GM_59_A1_C04_MR
	4545	GM_59_A1_C05		GM_59_A1_C05_MR
	4546	GM_59_A1_C06	GM_59_A1_C06_T7	
40	4547	GM_59_A1_C06		GM_59_A1_C06_MR
	4548	GM_59_A1_C07	GM_59_A1_C07_T7	
	4549	GM_59_A1_C07		GM_59_A1_C07_MR
	4550	GM_59_A1_C08	GM_59_A1_C08_T7	
	4551	GM_59_A1_C09	GM_59_A1_C09_T7	
45	4552	GM_59_A1_C10		GM_59_A1_C10_MR
	4553	GM_59_A1_C11	GM_59_A1_C11_T7	
	4554	GM_59_A1_C11		GM_59_A1_C11_MR
	4555	GM_59_A1_C12	GM_59_A1_C12_T7	
	4556	GM_59_A1_D01	GM_59_A1_D01_T7	
50	4557	GM_59_A1_D01		GM_59_A1_D01_MR
	4558	GM_59_A1_D02	GM_59_A1_D02_T7	
	4559	GM_59_A1_D02		GM_59_A1_D02_MR
	4560	GM_59_A1_D03	GM_59_A1_D03_T7	
	4561	GM_59_A1_D03		GM_59_A1_D03_MR
55	4562	GM_59_A1_D04	GM_59_A1_D04_T7	

	4563	GM_59_A1_D05	GM_59_A1_D05_T7	
	4564	GM_59_A1_D05		GM_59_A1_D05_MR
	4565	GM_59_A1_D07	GM_59_A1_D07_T7	
	4566	GM_59_A1_D07		GM_59_A1_D07_MR
5	4567	GM_59_A1_D08	GM_59_A1_D08_T7	
	4568	GM_59_A1_D08		GM_59_A1_D08_MR
	4569	GM_59_A1_D09	GM_59_A1_D09_T7	
	4570	GM_59_A1_D09		GM_59_A1_D09_MR
	4571	GM_59_A1_D10	GM_59_A1_D10_T7	
10	4572	GM_59_A1_D10		GM_59_A1_D10_MR
	4573	GM_59_A1_D11	GM_59_A1_D11_T7	
	4574	GM_59_A1_D11		GM_59_A1_D11_MR
	4575	GM_59_A1_D12	GM_59_A1_D12_T7	
	4576	GM_59_A1_E01	GM_59_A1_E01_T7	
15	4577	GM_59_A1_E01		GM_59_A1_E01_MR
	4578	GM_59_A1_E02	GM_59_A1_E02_T7	
	4579	GM_59_A1_E02		GM_59_A1_E02_MR
	4580	GM_59_A1_E03	GM_59_A1_E03_T7	
	4581	GM_59_A1_E03		GM_59_A1_E03_MR
20	4582	GM_59_A1_E04	GM_59_A1_E04_T7	
	4583	GM_59_A1_E04		GM_59_A1_E04_MR
	4584	GM_59_A1_E05	GM_59_A1_E05_T7	
	4585	GM_59_A1_E05		GM_59_A1_E05_MR
	4586	GM_59_A1_E06	GM_59_A1_E06_T7	
25	4587	GM_59_A1_E06		GM_59_A1_E06_MR
	4588	GM_59_A1_E07	GM_59_A1_E07_T7	
	4589	GM_59_A1_E07		GM_59_A1_E07_MR
	4590	GM_59_A1_E08	GM_59_A1_E08_T7	
	4591	GM_59_A1_E08		GM_59_A1_E08_MR
30	4592	GM_59_A1_E09	GM_59_A1_E09_T7	
	4593	GM_59_A1_E09		GM_59_A1_E09_MR
	4594	GM_59_A1_E10	GM_59_A1_E10_T7	
	4595	GM_59_A1_E10		GM_59_A1_E10_MR
	4596	GM_59_A1_E11	GM_59_A1_E11_T7	
35	4597	GM_59_A1_E11		GM_59_A1_E11_MR
	4598	GM_59_A1_E12	GM_59_A1_E12_T7	
	4599	GM_59_A1_F01	GM_59_A1_F01_T7	
	4600	GM_59_A1_F01		GM_59_A1_F01_MR
	4601	GM_59_A1_F02	GM_59_A1_F02_T7	
40	4602	GM_59_A1_F02		GM_59_A1_F02_MR
	4603	GM_59_A1_F03	GM_59_A1_F03_T7	
	4604	GM_59_A1_F03		GM_59_A1_F03_MR
	4605	GM_59_A1_F04	GM_59_A1_F04_T7	
	4606	GM_59_A1_F05	GM_59_A1_F05_T7	
45	4607	GM_59_A1_F08	GM_59_A1_F08_T7	
	4608	GM_59_A1_F09	GM_59_A1_F09_T7	
	4609	GM_59_A1_F09		GM_59_A1_F09_MR
	4610	GM_59_A1_F10	GM_59_A1_F10_T7	
	4611	GM_59_A1_F10		GM_59_A1_F10_MR
50	4612	GM_59_A1_F11		GM_59_A1_F11_MR
	4613	GM_59_A1_F12	GM_59_A1_F12_T7	
	4614	GM_59_A1_G01	GM_59_A1_G01_T7	
	4615	GM_59_A1_G01		GM_59_A1_G01_MR
	4616	GM_59_A1_G02	GM_59_A1_G02_T7	
55	4617	GM_59_A1_G02		GM_59_A1_G02_MR

	4618	GM_59_A1_G03	GM_59_A1_G03_T7	
	4619	GM_59_A1_G04	GM_59_A1_G04_T7	
	4620	GM_59_A1_G04		GM_59_A1_G04_MR
	4621	GM_59_A1_G05	GM_59_A1_G05_T7	
5	4622	GM_59_A1_G05		GM_59_A1_G05_MR
	4623	GM_59_A1_G06	GM_59_A1_G06_T7	
	4624	GM_59_A1_G06		GM_59_A1_G06_MR
	4625	GM_59_A1_G07	GM_59_A1_G07_T7	
	4626	GM_59_A1_G07		GM_59_A1_G07_MR
10	4627	GM_59_A1_G08	GM_59_A1_G08_T7	
	4628	GM_59_A1_G08		GM_59_A1_G08_MR
	4629	GM_59_A1_G09	GM_59_A1_G09_T7	
	4630	GM_59_A1_G09		GM_59_A1_G09_MR
	4631	GM_59_A1_G10	GM_59_A1_G10_T7	
15	4632	GM_59_A1_G10		GM_59_A1_G10_MR
	4633	GM_59_A1_G11	GM_59_A1_G11_T7	
	4634	GM_59_A1_G11		GM_59_A1_G11_MR
	4635	GM_59_A1_G12	GM_59_A1_G12_T7	
	4636	GM_59_A1_G12		GM_59_A1_G12_MR
20	4637	GM_59_A1_H01		GM_59_A1_H01_MR
	4638	GM_59_A1_H02	GM_59_A1_H02_T7	
	4639	GM_59_A1_H02		GM_59_A1_H02_MR
	4640	GM_59_A1_H03	GM_59_A1_H03_T7	
	4641	GM_59_A1_H03		GM_59_A1_H03_MR
25	4642	GM_59_A1_H04	GM_59_A1_H04_T7	
	4643	GM_59_A1_H05	GM_59_A1_H05_T7	
	4644	GM_59_A1_H05		GM_59_A1_H05_MR
	4645	GM_59_A1_H06	GM_59_A1_H06_T7	
	4646	GM_59_A1_H06		GM_59_A1_H06_MR
30	4647	GM_59_A1_H07	GM_59_A1_H07_T7	
	4648	GM_59_A1_H08	GM_59_A1_H08_T7	
	4649	GM_59_A1_H09	GM_59_A1_H09_T7	
	4650	GM_59_A1_H09		GM_59_A1_H09_MR
	4651	GM_59_A1_H10	GM_59_A1_H10_T7	
35	4652	GM_59_A1_H10		GM_59_A1_H10_MR
	4653	GM_59_A1_H11	GM_59_A1_H11_T7	
	4654	GM_59_A1_H11		GM_59_A1_H11_MR
	4655	GM_59_A1_H12	GM_59_A1_H12_T7	
	4656	GM_59_A1_H12		GM_59_A1_H12_MR
40	4657	GM_60_A1_A01	GM_60_A1_A01_T7	
	4658	GM_60_A1_A01		GM_60_A1_A01_MR
	4659	GM_60_A1_A02	GM_60_A1_A02_T7	
	4660	GM_60_A1_A02		GM_60_A1_A02_MR
	4661	GM_60_A1_A04	GM_60_A1_A04_T7	
45	4662	GM_60_A1_A04		GM_60_A1_A04_MR
	4663	GM_60_A1_A05	GM_60_A1_A05_T7	
	4664	GM_60_A1_A05		GM_60_A1_A05_MR
	4665	GM_60_A1_A06	GM_60_A1_A06_T7	
	4666	GM_60_A1_A06		GM_60_A1_A06_MR
50	4667	GM_60_A1_A07	GM_60_A1_A07_T7	
	4668	GM_60_A1_A07		GM_60_A1_A07_MR
	4669	GM_60_A1_A08		GM_60_A1_A08_MR
	4670	GM_60_A1_A10	GM_60_A1_A10_T7	
	4671	GM_60_A1_A10		GM_60_A1_A10_MR
55	4672	GM_60_A1_A11	GM_60_A1_A11_T7	

	4673	GM_60_A1_A11	GM_60_A1_A11_MR
	4674	GM_60_A1_A12	GM_60_A1_A12_MR
	4675	GM_60_A1_B01	GM_60_A1_B01_MR
	4676	GM_60_A1_B02	GM_60_A1_B02_T7
5	4677	GM_60_A1_B02	GM_60_A1_B02_MR
	4678	GM_60_A1_B03	GM_60_A1_B03_T7
	4679	GM_60_A1_B03	GM_60_A1_B03_MR
	4680	GM_60_A1_B04	GM_60_A1_B04_T7
	4681	GM_60_A1_B04	GM_60_A1_B04_MR
10	4682	GM_60_A1_B05	GM_60_A1_B05_T7
	4683	GM_60_A1_B05	GM_60_A1_B05_MR
	4684	GM_60_A1_B06	GM_60_A1_B06_T7
	4685	GM_60_A1_B06	GM_60_A1_B06_MR
	4686	GM_60_A1_B07	GM_60_A1_B07_T7
15	4687	GM_60_A1_B07	GM_60_A1_B07_MR
	4688	GM_60_A1_B08	GM_60_A1_B08_T7
	4689	GM_60_A1_B08	GM_60_A1_B08_MR
	4690	GM_60_A1_B09	GM_60_A1_B09_T7
	4691	GM_60_A1_B09	GM_60_A1_B09_MR
20	4692	GM_60_A1_B10	GM_60_A1_B10_T7
	4693	GM_60_A1_B10	GM_60_A1_B10_MR
	4694	GM_60_A1_B11	GM_60_A1_B11_T7
	4695	GM_60_A1_B12	GM_60_A1_B12_MR
	4696	GM_60_A1_C01	GM_60_A1_C01_T7
25	4697	GM_60_A1_C01	GM_60_A1_C01_MR
	4698	GM_60_A1_C02	GM_60_A1_C02_T7
	4699	GM_60_A1_C02	GM_60_A1_C02_MR
	4700	GM_60_A1_C03	GM_60_A1_C03_T7
	4701	GM_60_A1_C03	GM_60_A1_C03_MR
30	4702	GM_60_A1_C04	GM_60_A1_C04_T7
	4703	GM_60_A1_C04	GM_60_A1_C04_MR
	4704	GM_60_A1_C05	GM_60_A1_C05_T7
	4705	GM_60_A1_C05	GM_60_A1_C05_MR
	4706	GM_60_A1_C06	GM_60_A1_C06_T7
35	4707	GM_60_A1_C06	GM_60_A1_C06_MR
	4708	GM_60_A1_C07	GM_60_A1_C07_T7
	4709	GM_60_A1_C07	GM_60_A1_C07_MR
	4710	GM_60_A1_C08	GM_60_A1_C08_T7
	4711	GM_60_A1_C08	GM_60_A1_C08_MR
40	4712	GM_60_A1_C09	GM_60_A1_C09_T7
	4713	GM_60_A1_C09	GM_60_A1_C09_MR
	4714	GM_60_A1_C10	GM_60_A1_C10_T7
	4715	GM_60_A1_C10	GM_60_A1_C10_MR
	4716	GM_60_A1_C11	GM_60_A1_C11_T7
45	4717	GM_60_A1_C11	GM_60_A1_C11_MR
	4718	GM_60_A1_C12	GM_60_A1_C12_T7
	4719	GM_60_A1_C12	GM_60_A1_C12_MR
	4720	GM_60_A1_D01	GM_60_A1_D01_T7
	4721	GM_60_A1_D01	GM_60_A1_D01_MR
50	4722	GM_60_A1_D02	GM_60_A1_D02_T7
	4723	GM_60_A1_D02	GM_60_A1_D02_MR
	4724	GM_60_A1_D03	GM_60_A1_D03_T7
	4725	GM_60_A1_D03	GM_60_A1_D03_MR
	4726	GM_60_A1_D04	GM_60_A1_D04_MR
55	4727	GM_60_A1_D05	GM_60_A1_D05_T7

	4728	GM_60_A1_D05		GM_60_A1_D05_MR
	4729	GM_60_A1_D06		GM_60_A1_D06_MR
	4730	GM_60_A1_D07	GM_60_A1_D07_T7	
	4731	GM_60_A1_D07		GM_60_A1_D07_MR
5	4732	GM_60_A1_D09	GM_60_A1_D09_T7	
	4733	GM_60_A1_D09		GM_60_A1_D09_MR
	4734	GM_60_A1_D10	GM_60_A1_D10_T7	
	4735	GM_60_A1_D10		GM_60_A1_D10_MR
	4736	GM_60_A1_D11	GM_60_A1_D11_T7	
10	4737	GM_60_A1_D11		GM_60_A1_D11_MR
	4738	GM_60_A1_D12	GM_60_A1_D12_T7	
	4739	GM_60_A1_D12		GM_60_A1_D12_MR
	4740	GM_60_A1_E01	GM_60_A1_E01_T7	
	4741	GM_60_A1_E01		GM_60_A1_E01_MR
15	4742	GM_60_A1_E02	GM_60_A1_E02_T7	
	4743	GM_60_A1_E02		GM_60_A1_E02_MR
	4744	GM_60_A1_E03	GM_60_A1_E03_T7	
	4745	GM_60_A1_E03		GM_60_A1_E03_MR
	4746	GM_60_A1_E04	GM_60_A1_E04_T7	
20	4747	GM_60_A1_E04		GM_60_A1_E04_MR
	4748	GM_60_A1_E06	GM_60_A1_E06_T7	
	4749	GM_60_A1_E06		GM_60_A1_E06_MR
	4750	GM_60_A1_E07	GM_60_A1_E07_T7	
	4751	GM_60_A1_E07		GM_60_A1_E07_MR
25	4752	GM_60_A1_E08	GM_60_A1_E08_T7	
	4753	GM_60_A1_E08		GM_60_A1_E08_MR
	4754	GM_60_A1_E09		GM_60_A1_E09_MR
	4755	GM_60_A1_E10		GM_60_A1_E10_MR
	4756	GM_60_A1_E11	GM_60_A1_E11_T7	
30	4757	GM_60_A1_E11		GM_60_A1_E11_MR
	4758	GM_60_A1_E12	GM_60_A1_E12_T7	
	4759	GM_60_A1_F01	GM_60_A1_F01_T7	
	4760	GM_60_A1_F01		GM_60_A1_F01_MR
	4761	GM_60_A1_F02	GM_60_A1_F02_T7	
35	4762	GM_60_A1_F02		GM_60_A1_F02_MR
	4763	GM_60_A1_F03	GM_60_A1_F03_T7	
	4764	GM_60_A1_F03		GM_60_A1_F03_MR
	4765	GM_60_A1_F04	GM_60_A1_F04_T7	
	4766	GM_60_A1_F04		GM_60_A1_F04_MR
40	4767	GM_60_A1_F05	GM_60_A1_F05_T7	
	4768	GM_60_A1_F05		GM_60_A1_F05_MR
	4769	GM_60_A1_F06	GM_60_A1_F06_T7	
	4770	GM_60_A1_F06		GM_60_A1_F06_MR
	4771	GM_60_A1_F07	GM_60_A1_F07_T7	
45	4772	GM_60_A1_F07		GM_60_A1_F07_MR
	4773	GM_60_A1_F08	GM_60_A1_F08_T7	
	4774	GM_60_A1_F08		GM_60_A1_F08_MR
	4775	GM_60_A1_F09	GM_60_A1_F09_T7	
	4776	GM_60_A1_F09		GM_60_A1_F09_MR
50	4777	GM_60_A1_F10	GM_60_A1_F10_T7	
	4778	GM_60_A1_F10		GM_60_A1_F10_MR
	4779	GM_60_A1_G01	GM_60_A1_G01_T7	
	4780	GM_60_A1_G01		GM_60_A1_G01_MR
	4781	GM_60_A1_G02	GM_60_A1_G02_T7	
55	4782	GM_60_A1_G02		GM_60_A1_G02_MR

	4783	GM_60_A1_G03	GM_60_A1_G03_T7	
	4784	GM_60_A1_G03		GM_60_A1_G03_MR
	4785	GM_60_A1_G04	GM_60_A1_G04_T7	
	4786	GM_60_A1_G04		GM_60_A1_G04_MR
5	4787	GM_60_A1_G05	GM_60_A1_G05_T7	
	4788	GM_60_A1_G05		GM_60_A1_G05_MR
	4789	GM_60_A1_G06	GM_60_A1_G06_T7	
	4790	GM_60_A1_G06		GM_60_A1_G06_MR
	4791	GM_60_A1_G07	GM_60_A1_G07_T7	
10	4792	GM_60_A1_G07		GM_60_A1_G07_MR
	4793	GM_60_A1_G08	GM_60_A1_G08_T7	
	4794	GM_60_A1_G08		GM_60_A1_G08_MR
	4795	GM_60_A1_G09	GM_60_A1_G09_T7	
	4796	GM_60_A1_G09		GM_60_A1_G09_MR
15	4797	GM_60_A1_G10	GM_60_A1_G10_T7	
	4798	GM_60_A1_G10		GM_60_A1_G10_MR
	4799	GM_60_A1_G11		GM_60_A1_G11_MR
	4800	GM_60_A1_G12	GM_60_A1_G12_T7	
	4801	GM_60_A1_G12		GM_60_A1_G12_MR
20	4802	GM_60_A1_H02	GM_60_A1_H02_T7	
	4803	GM_60_A1_H02		GM_60_A1_H02_MR
	4804	GM_60_A1_H03	GM_60_A1_H03_T7	
	4805	GM_60_A1_H03		GM_60_A1_H03_MR
	4806	GM_60_A1_H04	GM_60_A1_H04_T7	
25	4807	GM_60_A1_H04		GM_60_A1_H04_MR
	4808	GM_60_A1_H05	GM_60_A1_H05_T7	
	4809	GM_60_A1_H05		GM_60_A1_H05_MR
	4810	GM_60_A1_H06	GM_60_A1_H06_T7	
	4811	GM_60_A1_H06		GM_60_A1_H06_MR
30	4812	GM_60_A1_H07	GM_60_A1_H07_T7	
	4813	GM_60_A1_H07		GM_60_A1_H07_MR
	4814	GM_60_A1_H08	GM_60_A1_H08_T7	
	4815	GM_60_A1_H08		GM_60_A1_H08_MR
	4816	GM_60_A1_H09		GM_60_A1_H09_MR
35	4817	GM_60_A1_H10	GM_60_A1_H10_T7	
	4818	GM_60_A1_H10		GM_60_A1_H10_MR
	4819	GM_60_A1_H11		GM_60_A1_H11_MR
	4820	GM_60_A1_H12	GM_60_A1_H12_T7	
	4821	GM_60_A1_H12		GM_60_A1_H12_MR
40	4822	GM_60_B2_A01		GM_60_B2_A01_MR
	4823	GM_60_B2_A02		GM_60_B2_A02_MR
	4824	GM_60_B2_A03		GM_60_B2_A03_MR
	4825	GM_60_B2_A04		GM_60_B2_A04_MR
	4826	GM_60_B2_A05		GM_60_B2_A05_MR
45	4827	GM_60_B2_A06		GM_60_B2_A06_MR
	4828	GM_60_B2_A07		GM_60_B2_A07_MR
	4829	GM_60_B2_A08		GM_60_B2_A08_MR
	4830	GM_60_B2_A09		GM_60_B2_A09_MR
	4831	GM_60_B2_A10		GM_60_B2_A10_MR
50	4832	GM_60_B2_A11		GM_60_B2_A11_MR
	4833	GM_60_B2_A12		GM_60_B2_A12_MR
	4834	GM_60_B2_B01		GM_60_B2_B01_MR
	4835	GM_60_B2_B02		GM_60_B2_B02_MR
	4836	GM_60_B2_B03		GM_60_B2_B03_MR
55	4837	GM_60_B2_B04		GM_60_B2_B04_MR

	4838	GM_60_B2_B05	GM_60_B2_B05_MR
	4839	GM_60_B2_B06	GM_60_B2_B06_MR
	4840	GM_60_B2_B07	GM_60_B2_B07_MR
	4841	GM_60_B2_B08	GM_60_B2_B08_MR
5	4842	GM_60_B2_B09	GM_60_B2_B09_MR
	4843	GM_60_B2_B11	GM_60_B2_B11_MR
	4844	GM_60_B2_C01	GM_60_B2_C01_MR
	4845	GM_60_B2_C02	GM_60_B2_C02_MR
	4846	GM_60_B2_C03	GM_60_B2_C03_MR
10	4847	GM_60_B2_C04	GM_60_B2_C04_MR
	4848	GM_60_B2_C05	GM_60_B2_C05_MR
	4849	GM_60_B2_C06	GM_60_B2_C06_MR
	4850	GM_60_B2_C07	GM_60_B2_C07_MR
	4851	GM_60_B2_C10	GM_60_B2_C10_MR
15	4852	GM_60_B2_C11	GM_60_B2_C11_MR
	4853	GM_60_B2_D01	GM_60_B2_D01_MR
	4854	GM_60_B2_D02	GM_60_B2_D02_MR
	4855	GM_60_B2_D03	GM_60_B2_D03_MR
	4856	GM_60_B2_D04	GM_60_B2_D04_MR
20	4857	GM_60_B2_D05	GM_60_B2_D05_MR
	4858	GM_60_B2_D06	GM_60_B2_D06_MR
	4859	GM_60_B2_D07	GM_60_B2_D07_MR
	4860	GM_60_B2_D08	GM_60_B2_D08_MR
	4861	GM_60_B2_D09	GM_60_B2_D09_MR
25	4862	GM_60_B2_D10	GM_60_B2_D10_MR
	4863	GM_60_B2_D11	GM_60_B2_D11_MR
	4864	GM_60_B2_D12	GM_60_B2_D12_MR
	4865	GM_60_B2_E01	GM_60_B2_E01_MR
	4866	GM_60_B2_E02	GM_60_B2_E02_MR
30	4867	GM_60_B2_E03	GM_60_B2_E03_MR
	4868	GM_60_B2_E04	GM_60_B2_E04_MR
	4869	GM_60_B2_E05	GM_60_B2_E05_MR
	4870	GM_60_B2_E06	GM_60_B2_E06_MR
	4871	GM_60_B2_E07	GM_60_B2_E07_MR
35	4872	GM_60_B2_E08	GM_60_B2_E08_MR
	4873	GM_60_B2_E09	GM_60_B2_E09_MR
	4874	GM_60_B2_E10	GM_60_B2_E10_MR
	4875	GM_60_B2_E11	GM_60_B2_E11_MR
	4876	GM_60_B2_E12	GM_60_B2_E12_MR
40	4877	GM_60_B2_F01	GM_60_B2_F01_MR
	4878	GM_60_B2_F02	GM_60_B2_F02_MR
	4879	GM_60_B2_F03	GM_60_B2_F03_MR
	4880	GM_60_B2_F04	GM_60_B2_F04_MR
	4881	GM_60_B2_F05	GM_60_B2_F05_MR
45	4882	GM_60_B2_F06	GM_60_B2_F06_MR
	4883	GM_60_B2_F07	GM_60_B2_F07_MR
	4884	GM_60_B2_F08	GM_60_B2_F08_MR
	4885	GM_60_B2_F09	GM_60_B2_F09_MR
	4886	GM_60_B2_F10	GM_60_B2_F10_MR
50	4887	GM_60_B2_F11	GM_60_B2_F11_MR
	4888	GM_60_B2_F12	GM_60_B2_F12_MR
	4889	GM_60_B2_G01	GM_60_B2_G01_MR
	4890	GM_60_B2_G02	GM_60_B2_G02_MR
	4891	GM_60_B2_G03	GM_60_B2_G03_MR
55	4892	GM_60_B2_G04	GM_60_B2_G04_MR

	4893	GM_60_B2_G05		GM_60_B2_G05_MR
	4894	GM_60_B2_G06		GM_60_B2_G06_MR
	4895	GM_60_B2_G07		GM_60_B2_G07_MR
	4896	GM_60_B2_G08		GM_60_B2_G08_MR
5	4897	GM_60_B2_G09		GM_60_B2_G09_MR
	4898	GM_60_B2_G10		GM_60_B2_G10_MR
	4899	GM_60_B2_G11		GM_60_B2_G11_MR
	4900	GM_60_B2_G12		GM_60_B2_G12_MR
	4901	GM_60_B2_H01		GM_60_B2_H01_MR
10	4902	GM_60_B2_H02		GM_60_B2_H02_MR
	4903	GM_60_B2_H03		GM_60_B2_H03_MR
	4904	GM_60_B2_H04		GM_60_B2_H04_MR
	4905	GM_60_B2_H05		GM_60_B2_H05_MR
	4906	GM_60_B2_H07		GM_60_B2_H07_MR
15	4907	GM_60_B2_H08		GM_60_B2_H08_MR
	4908	GM_60_B2_H09		GM_60_B2_H09_MR
	4909	GM_60_B2_H10		GM_60_B2_H10_MR
	4910	GM_60_B2_H11		GM_60_B2_H11_MR
	4911	GM_60_B2_H12		GM_60_B2_H12_MR
20	4912	GM_61_A1_A03	GM_61_A1_A03_T7	
	4913	GM_61_A1_A03		GM_61_A1_A03_MR
	4914	GM_61_A1_A04	GM_61_A1_A04_T7	
	4915	GM_61_A1_A04		GM_61_A1_A04_MR
	4916	GM_61_A1_A05	GM_61_A1_A05_T7	
25	4917	GM_61_A1_A05		GM_61_A1_A05_MR
	4918	GM_61_A1_A06	GM_61_A1_A06_T7	
	4919	GM_61_A1_A06		GM_61_A1_A06_MR
	4920	GM_61_A1_A07	GM_61_A1_A07_T7	
	4921	GM_61_A1_A07		GM_61_A1_A07_MR
30	4922	GM_61_A1_A08	GM_61_A1_A08_T7	
	4923	GM_61_A1_A08		GM_61_A1_A08_MR
	4924	GM_61_A1_A09	GM_61_A1_A09_T7	
	4925	GM_61_A1_A09		GM_61_A1_A09_MR
	4926	GM_61_A1_A10	GM_61_A1_A10_T7	
35	4927	GM_61_A1_A10		GM_61_A1_A10_MR
	4928	GM_61_A1_A11	GM_61_A1_A11_T7	
	4929	GM_61_A1_A11		GM_61_A1_A11_MR
	4930	GM_61_A1_A12	GM_61_A1_A12_T7	
	4931	GM_61_A1_A12		GM_61_A1_A12_MR
40	4932	GM_61_A1_B01	GM_61_A1_B01_T7	
	4933	GM_61_A1_B01		GM_61_A1_B01_MR
	4934	GM_61_A1_B02	GM_61_A1_B02_T7	
	4935	GM_61_A1_B02		GM_61_A1_B02_MR
	4936	GM_61_A1_B03	GM_61_A1_B03_T7	
45	4937	GM_61_A1_B03		GM_61_A1_B03_MR
	4938	GM_61_A1_B04	GM_61_A1_B04_T7	
	4939	GM_61_A1_B04		GM_61_A1_B04_MR
	4940	GM_61_A1_B05	GM_61_A1_B05_T7	
	4941	GM_61_A1_B05		GM_61_A1_B05_MR
50	4942	GM_61_A1_B07	GM_61_A1_B07_T7	
	4943	GM_61_A1_B07		GM_61_A1_B07_MR
	4944	GM_61_A1_B08	GM_61_A1_B08_T7	
	4945	GM_61_A1_B08		GM_61_A1_B08_MR
	4946	GM_61_A1_B09	GM_61_A1_B09_T7	
55	4947	GM_61_A1_B09		GM_61_A1_B09_MR

	4948	GM_61_A1_B10	GM_61_A1_B10_T7	
	4949	GM_61_A1_B10		GM_61_A1_B10_MR
	4950	GM_61_A1_B11	GM_61_A1_B11_T7	
	4951	GM_61_A1_B11		GM_61_A1_B11_MR
5	4952	GM_61_A1_B12	GM_61_A1_B12_T7	
	4953	GM_61_A1_B12		GM_61_A1_B12_MR
	4954	GM_61_A1_C02	GM_61_A1_C02_T7	
	4955	GM_61_A1_C02		GM_61_A1_C02_MR
	4956	GM_61_A1_C03	GM_61_A1_C03_T7	
10	4957	GM_61_A1_C03		GM_61_A1_C03_MR
	4958	GM_61_A1_C04	GM_61_A1_C04_T7	
	4959	GM_61_A1_C04		GM_61_A1_C04_MR
	4960	GM_61_A1_C05	GM_61_A1_C05_T7	
	4961	GM_61_A1_C05		GM_61_A1_C05_MR
15	4962	GM_61_A1_C06	GM_61_A1_C06_T7	
	4963	GM_61_A1_C06		GM_61_A1_C06_MR
	4964	GM_61_A1_C07	GM_61_A1_C07_T7	
	4965	GM_61_A1_C07		GM_61_A1_C07_MR
	4966	GM_61_A1_C08	GM_61_A1_C08_T7	
20	4967	GM_61_A1_C08		GM_61_A1_C08_MR
	4968	GM_61_A1_C09		GM_61_A1_C09_MR
	4969	GM_61_A1_C10	GM_61_A1_C10_T7	
	4970	GM_61_A1_C10		GM_61_A1_C10_MR
	4971	GM_61_A1_C11	GM_61_A1_C11_T7	
25	4972	GM_61_A1_C11		GM_61_A1_C11_MR
	4973	GM_61_A1_C12	GM_61_A1_C12_T7	
	4974	GM_61_A1_C12		GM_61_A1_C12_MR
	4975	GM_61_A1_D01	GM_61_A1_D01_T7	
	4976	GM_61_A1_D01		GM_61_A1_D01_MR
30	4977	GM_61_A1_D02	GM_61_A1_D02_T7	
	4978	GM_61_A1_D02		GM_61_A1_D02_MR
	4979	GM_61_A1_D03	GM_61_A1_D03_T7	
	4980	GM_61_A1_D03		GM_61_A1_D03_MR
	4981	GM_61_A1_D04	GM_61_A1_D04_T7	
35	4982	GM_61_A1_D04		GM_61_A1_D04_MR
	4983	GM_61_A1_D05	GM_61_A1_D05_T7	
	4984	GM_61_A1_D05		GM_61_A1_D05_MR
	4985	GM_61_A1_D06	GM_61_A1_D06_T7	
	4986	GM_61_A1_D06		GM_61_A1_D06_MR
40	4987	GM_61_A1_D07	GM_61_A1_D07_T7	
	4988	GM_61_A1_D07		GM_61_A1_D07_MR
	4989	GM_61_A1_D08	GM_61_A1_D08_T7	
	4990	GM_61_A1_D08		GM_61_A1_D08_MR
	4991	GM_61_A1_D09	GM_61_A1_D09_T7	
45	4992	GM_61_A1_D09		GM_61_A1_D09_MR
	4993	GM_61_A1_D10	GM_61_A1_D10_T7	
	4994	GM_61_A1_D10		GM_61_A1_D10_MR
	4995	GM_61_A1_D11	GM_61_A1_D11_T7	
	4996	GM_61_A1_D11		GM_61_A1_D11_MR
50	4997	GM_61_A1_D12	GM_61_A1_D12_T7	
	4998	GM_61_A1_D12		GM_61_A1_D12_MR
	4999	GM_61_A1_E01	GM_61_A1_E01_T7	
	5000	GM_61_A1_E01		GM_61_A1_E01_MR
	5001	GM_61_A1_E02	GM_61_A1_E02_T7	
55	5002	GM_61_A1_E02		GM_61_A1_E02_MR

	5003	GM_61_A1_E03		GM_61_A1_E03_MR
	5004	GM_61_A1_E04	GM_61_A1_E04_T7	
	5005	GM_61_A1_E04		GM_61_A1_E04_MR
	5006	GM_61_A1_E05	GM_61_A1_E05_T7	
5	5007	GM_61_A1_E05		GM_61_A1_E05_MR
	5008	GM_61_A1_E06	GM_61_A1_E06_T7	
	5009	GM_61_A1_E06		GM_61_A1_E06_MR
	5010	GM_61_A1_E07	GM_61_A1_E07_T7	
	5011	GM_61_A1_E07		GM_61_A1_E07_MR
10	5012	GM_61_A1_E08	GM_61_A1_E08_T7	
	5013	GM_61_A1_E08		GM_61_A1_E08_MR
	5014	GM_61_A1_E09	GM_61_A1_E09_T7	
	5015	GM_61_A1_E09		GM_61_A1_E09_MR
	5016	GM_61_A1_E10	GM_61_A1_E10_T7	
15	5017	GM_61_A1_E10		GM_61_A1_E10_MR
	5018	GM_61_A1_E11	GM_61_A1_E11_T7	
	5019	GM_61_A1_E11		GM_61_A1_E11_MR
	5020	GM_61_A1_E12	GM_61_A1_E12_T7	
	5021	GM_61_A1_E12		GM_61_A1_E12_MR
20	5022	GM_61_A1_F01		GM_61_A1_F01_MR
	5023	GM_61_A1_F02	GM_61_A1_F02_T7	
	5024	GM_61_A1_F02		GM_61_A1_F02_MR
	5025	GM_61_A1_F03	GM_61_A1_F03_T7	
	5026	GM_61_A1_F03		GM_61_A1_F03_MR
25	5027	GM_61_A1_F04	GM_61_A1_F04_T7	
	5028	GM_61_A1_F04		GM_61_A1_F04_MR
	5029	GM_61_A1_F05	GM_61_A1_F05_T7	
	5030	GM_61_A1_F05		GM_61_A1_F05_MR
	5031	GM_61_A1_F06	GM_61_A1_F06_T7	
30	5032	GM_61_A1_F06		GM_61_A1_F06_MR
	5033	GM_61_A1_F07	GM_61_A1_F07_T7	
	5034	GM_61_A1_F07		GM_61_A1_F07_MR
	5035	GM_61_A1_F08	GM_61_A1_F08_T7	
	5036	GM_61_A1_F08		GM_61_A1_F08_MR
35	5037	GM_61_A1_F10	GM_61_A1_F10_T7	
	5038	GM_61_A1_F10		GM_61_A1_F10_MR
	5039	GM_61_A1_F11	GM_61_A1_F11_T7	
	5040	GM_61_A1_F11		GM_61_A1_F11_MR
	5041	GM_61_A1_F12	GM_61_A1_F12_T7	
40	5042	GM_61_A1_F12		GM_61_A1_F12_MR
	5043	GM_61_A1_G01	GM_61_A1_G01_T7	
	5044	GM_61_A1_G01		GM_61_A1_G01_MR
	5045	GM_61_A1_G02	GM_61_A1_G02_T7	
	5046	GM_61_A1_G02		GM_61_A1_G02_MR
45	5047	GM_61_A1_G03	GM_61_A1_G03_T7	
	5048	GM_61_A1_G03		GM_61_A1_G03_MR
	5049	GM_61_A1_G04	GM_61_A1_G04_T7	
	5050	GM_61_A1_G04		GM_61_A1_G04_MR
	5051	GM_61_A1_G05	GM_61_A1_G05_T7	
50	5052	GM_61_A1_G05		GM_61_A1_G05_MR
	5053	GM_61_A1_G06	GM_61_A1_G06_T7	
	5054	GM_61_A1_G06		GM_61_A1_G06_MR
	5055	GM_61_A1_G07	GM_61_A1_G07_T7	
	5056	GM_61_A1_G07		GM_61_A1_G07_MR
55	5057	GM_61_A1_G08	GM_61_A1_G08_T7	

	5058	GM_61_A1_G08		GM_61_A1_G08_MR
	5059	GM_61_A1_G09	GM_61_A1_G09_T7	
	5060	GM_61_A1_G09		GM_61_A1_G09_MR
	5061	GM_61_A1_G10	GM_61_A1_G10_T7	
5	5062	GM_61_A1_G10		GM_61_A1_G10_MR
	5063	GM_61_A1_G11	GM_61_A1_G11_T7	
	5064	GM_61_A1_G11		GM_61_A1_G11_MR
	5065	GM_61_A1_G12	GM_61_A1_G12_T7	
	5066	GM_61_A1_G12		GM_61_A1_G12_MR
10	5067	GM_61_A1_H01	GM_61_A1_H01_T7	
	5068	GM_61_A1_H01		GM_61_A1_H01_MR
	5069	GM_61_A1_H02	GM_61_A1_H02_T7	
	5070	GM_61_A1_H02		GM_61_A1_H02_MR
	5071	GM_61_A1_H03	GM_61_A1_H03_T7	
15	5072	GM_61_A1_H03		GM_61_A1_H03_MR
	5073	GM_61_A1_H04	GM_61_A1_H04_T7	
	5074	GM_61_A1_H04		GM_61_A1_H04_MR
	5075	GM_61_A1_H05	GM_61_A1_H05_T7	
	5076	GM_61_A1_H05		GM_61_A1_H05_MR
20	5077	GM_61_A1_H06	GM_61_A1_H06_T7	
	5078	GM_61_A1_H06		GM_61_A1_H06_MR
	5079	GM_61_A1_H07	GM_61_A1_H07_T7	
	5080	GM_61_A1_H07		GM_61_A1_H07_MR
	5081	GM_61_A1_H08	GM_61_A1_H08_T7	
25	5082	GM_61_A1_H08		GM_61_A1_H08_MR
	5083	GM_61_A1_H09	GM_61_A1_H09_T7	
	5084	GM_61_A1_H09		GM_61_A1_H09_MR
	5085	GM_61_A1_H10	GM_61_A1_H10_T7	
	5086	GM_61_A1_H10		GM_61_A1_H10_MR
30	5087	GM_61_A1_H11	GM_61_A1_H11_T7	
	5088	GM_61_A1_H11		GM_61_A1_H11_MR
	5089	GM_61_A1_H12	GM_61_A1_H12_T7	
	5090	GM_61_A1_H12		GM_61_A1_H12_MR
	5091	GM_61_A2_A02	GM_61_A2_A02_T7	
35	5092	GM_61_A2_A04	GM_61_A2_A04_T7	
	5093	GM_61_A2_A08	GM_61_A2_A08_T7	
	5094	GM_61_A2_A09	GM_61_A2_A09_T7	
	5095	GM_61_A2_A10	GM_61_A2_A10_T7	
	5096	GM_61_A2_A11	GM_61_A2_A11_T7	
40	5097	GM_61_A2_A12	GM_61_A2_A12_T7	
	5098	GM_61_A2_B01	GM_61_A2_B01_T7	
	5099	GM_61_A2_B02	GM_61_A2_B02_T7	
	5100	GM_61_A2_B03	GM_61_A2_B03_T7	
	5101	GM_61_A2_B04	GM_61_A2_B04_T7	
45	5102	GM_61_A2_B05	GM_61_A2_B05_T7	
	5103	GM_61_A2_B06	GM_61_A2_B06_T7	
	5104	GM_61_A2_B08	GM_61_A2_B08_T7	
	5105	GM_61_A2_B09	GM_61_A2_B09_T7	
	5106	GM_61_A2_B10	GM_61_A2_B10_T7	
50	5107	GM_61_A2_B11	GM_61_A2_B11_T7	
	5108	GM_61_A2_B12	GM_61_A2_B12_T7	
	5109	GM_61_A2_C01	GM_61_A2_C01_T7	
	5110	GM_61_A2_C02	GM_61_A2_C02_T7	
	5111	GM_61_A2_C03	GM_61_A2_C03_T7	
55	5112	GM_61_A2_C04	GM_61_A2_C04_T7	

	5113	GM_61_A2_C05	GM_61_A2_C05_T7
	5114	GM_61_A2_C06	GM_61_A2_C06_T7
	5115	GM_61_A2_C07	GM_61_A2_C07_T7
	5116	GM_61_A2_C09	GM_61_A2_C09_T7
5	5117	GM_61_A2_C10	GM_61_A2_C10_T7
	5118	GM_61_A2_C11	GM_61_A2_C11_T7
	5119	GM_61_A2_C12	GM_61_A2_C12_T7
	5120	GM_61_A2_D01	GM_61_A2_D01_T7
	5121	GM_61_A2_D02	GM_61_A2_D02_T7
10	5122	GM_61_A2_D03	GM_61_A2_D03_T7
	5123	GM_61_A2_D05	GM_61_A2_D05_T7
	5124	GM_61_A2_D06	GM_61_A2_D06_T7
	5125	GM_61_A2_D07	GM_61_A2_D07_T7
	5126	GM_61_A2_D08	GM_61_A2_D08_T7
15	5127	GM_61_A2_D09	GM_61_A2_D09_T7
	5128	GM_61_A2_D10	GM_61_A2_D10_T7
	5129	GM_61_A2_D12	GM_61_A2_D12_T7
	5130	GM_61_A2_E01	GM_61_A2_E01_T7
	5131	GM_61_A2_E02	GM_61_A2_E02_T7
20	5132	GM_61_A2_E03	GM_61_A2_E03_T7
	5133	GM_61_A2_E04	GM_61_A2_E04_T7
	5134	GM_61_A2_E09	GM_61_A2_E09_T7
	5135	GM_61_A2_E10	GM_61_A2_E10_T7
	5136	GM_61_A2_E11	GM_61_A2_E11_T7
25	5137	GM_61_A2_F01	GM_61_A2_F01_T7
	5138	GM_61_A2_F03	GM_61_A2_F03_T7
	5139	GM_61_A2_F04	GM_61_A2_F04_T7
	5140	GM_61_A2_F05	GM_61_A2_F05_T7
	5141	GM_61_A2_F06	GM_61_A2_F06_T7
30	5142	GM_61_A2_F07	GM_61_A2_F07_T7
	5143	GM_61_A2_F08	GM_61_A2_F08_T7
	5144	GM_61_A2_F09	GM_61_A2_F09_T7
	5145	GM_61_A2_F10	GM_61_A2_F10_T7
	5146	GM_61_A2_F12	GM_61_A2_F12_T7
35	5147	GM_61_A2_G01	GM_61_A2_G01_T7
	5148	GM_61_A2_G03	GM_61_A2_G03_T7
	5149	GM_61_A2_G05	GM_61_A2_G05_T7
	5150	GM_61_A2_G07	GM_61_A2_G07_T7
	5151	GM_61_A2_G08	GM_61_A2_G08_T7
40	5152	GM_61_A2_G09	GM_61_A2_G09_T7
	5153	GM_61_A2_G12	GM_61_A2_G12_T7
	5154	GM_61_A2_H01	GM_61_A2_H01_T7
	5155	GM_61_A2_H02	GM_61_A2_H02_T7
	5156	GM_61_A2_H03	GM_61_A2_H03_T7
45	5157	GM_61_A2_H06	GM_61_A2_H06_T7
	5158	GM_61_A2_H07	GM_61_A2_H07_T7
	5159	GM_61_A2_H08	GM_61_A2_H08_T7
	5160	GM_61_A2_H09	GM_61_A2_H09_T7
	5161	GM_61_A2_H10	GM_61_A2_H10_T7
50	5162	GM_61_A2_H11	GM_61_A2_H11_T7
	5163	GM_61_A2_H12	GM_61_A2_H12_T7
	5164	GM_61_B1_A01	GM_61_B1_A01_T7
	5165	GM_61_B1_A02	GM_61_B1_A02_T7
	5166	GM_61_B1_A02	GM_61_B1_A02_T7
55	5167	GM_61_B1_A03	GM_61_B1_A03_T7

GM_61_B1_A02_MR

	5168	GM_61_B1_A03		GM_61_B1_A03_MR
	5169	GM_61_B1_A04	GM_61_B1_A04_T7	
	5170	GM_61_B1_A04		GM_61_B1_A04_MR
	5171	GM_61_B1_A05	GM_61_B1_A05_T7	
5	5172	GM_61_B1_A05		GM_61_B1_A05_MR
	5173	GM_61_B1_A06	GM_61_B1_A06_T7	
	5174	GM_61_B1_A06		GM_61_B1_A06_MR
	5175	GM_61_B1_A07	GM_61_B1_A07_T7	
	5176	GM_61_B1_A08	GM_61_B1_A08_T7	
10	5177	GM_61_B1_A08		GM_61_B1_A08_MR
	5178	GM_61_B1_A09	GM_61_B1_A09_T7	
	5179	GM_61_B1_A09		GM_61_B1_A09_MR
	5180	GM_61_B1_A10	GM_61_B1_A10_T7	
	5181	GM_61_B1_A10		GM_61_B1_A10_MR
15	5182	GM_61_B1_A11	GM_61_B1_A11_T7	
	5183	GM_61_B1_A12	GM_61_B1_A12_T7	
	5184	GM_61_B1_A12		GM_61_B1_A12_MR
	5185	GM_61_B1_B01	GM_61_B1_B01_T7	
	5186	GM_61_B1_B03	GM_61_B1_B03_T7	
20	5187	GM_61_B1_B03		GM_61_B1_B03_MR
	5188	GM_61_B1_B04	GM_61_B1_B04_T7	
	5189	GM_61_B1_B04		GM_61_B1_B04_MR
	5190	GM_61_B1_B05	GM_61_B1_B05_T7	
	5191	GM_61_B1_B05		GM_61_B1_B05_MR
25	5192	GM_61_B1_B06	GM_61_B1_B06_T7	
	5193	GM_61_B1_B06		GM_61_B1_B06_MR
	5194	GM_61_B1_B07	GM_61_B1_B07_T7	
	5195	GM_61_B1_B07		GM_61_B1_B07_MR
	5196	GM_61_B1_B08	GM_61_B1_B08_T7	
30	5197	GM_61_B1_B08		GM_61_B1_B08_MR
	5198	GM_61_B1_B09	GM_61_B1_B09_T7	
	5199	GM_61_B1_B09		GM_61_B1_B09_MR
	5200	GM_61_B1_B10	GM_61_B1_B10_T7	
	5201	GM_61_B1_B10		GM_61_B1_B10_MR
35	5202	GM_61_B1_B11	GM_61_B1_B11_T7	
	5203	GM_61_B1_B11		GM_61_B1_B11_MR
	5204	GM_61_B1_B12	GM_61_B1_B12_T7	
	5205	GM_61_B1_B12		GM_61_B1_B12_MR
	5206	GM_61_B1_C01	GM_61_B1_C01_T7	
40	5207	GM_61_B1_C02	GM_61_B1_C02_T7	
	5208	GM_61_B1_C03	GM_61_B1_C03_T7	
	5209	GM_61_B1_C03		GM_61_B1_C03_MR
	5210	GM_61_B1_C04	GM_61_B1_C04_T7	
	5211	GM_61_B1_C04		GM_61_B1_C04_MR
45	5212	GM_61_B1_C05	GM_61_B1_C05_T7	
	5213	GM_61_B1_C05		GM_61_B1_C05_MR
	5214	GM_61_B1_C06		GM_61_B1_C06_MR
	5215	GM_61_B1_C07	GM_61_B1_C07_T7	
	5216	GM_61_B1_C07		GM_61_B1_C07_MR
50	5217	GM_61_B1_C08	GM_61_B1_C08_T7	
	5218	GM_61_B1_C08		GM_61_B1_C08_MR
	5219	GM_61_B1_C09	GM_61_B1_C09_T7	
	5220	GM_61_B1_C09		GM_61_B1_C09_MR
	5221	GM_61_B1_C10	GM_61_B1_C10_T7	
55	5222	GM_61_B1_C10		GM_61_B1_C10_MR

	5223	GM_61_B1_C11	GM_61_B1_C11_T7	
	5224	GM_61_B1_C11		GM_61_B1_C11_MR
	5225	GM_61_B1_C12	GM_61_B1_C12_T7	
	5226	GM_61_B1_C12		GM_61_B1_C12_MR
5	5227	GM_61_B1_D01	GM_61_B1_D01_T7	
	5228	GM_61_B1_D02	GM_61_B1_D02_T7	
	5229	GM_61_B1_D03	GM_61_B1_D03_T7	
	5230	GM_61_B1_D03		GM_61_B1_D03_MR
	5231	GM_61_B1_D04	GM_61_B1_D04_T7	
10	5232	GM_61_B1_D04		GM_61_B1_D04_MR
	5233	GM_61_B1_D05	GM_61_B1_D05_T7	
	5234	GM_61_B1_D05		GM_61_B1_D05_MR
	5235	GM_61_B1_D06	GM_61_B1_D06_T7	
	5236	GM_61_B1_D06		GM_61_B1_D06_MR
15	5237	GM_61_B1_D07	GM_61_B1_D07_T7	
	5238	GM_61_B1_D07		GM_61_B1_D07_MR
	5239	GM_61_B1_D08	GM_61_B1_D08_T7	
	5240	GM_61_B1_D08		GM_61_B1_D08_MR
	5241	GM_61_B1_D09	GM_61_B1_D09_T7	
20	5242	GM_61_B1_D09		GM_61_B1_D09_MR
	5243	GM_61_B1_D10	GM_61_B1_D10_T7	
	5244	GM_61_B1_D10		GM_61_B1_D10_MR
	5245	GM_61_B1_D11	GM_61_B1_D11_T7	
	5246	GM_61_B1_D11		GM_61_B1_D11_MR
25	5247	GM_61_B1_D12	GM_61_B1_D12_T7	
	5248	GM_61_B1_D12		GM_61_B1_D12_MR
	5249	GM_61_B1_E01	GM_61_B1_E01_T7	
	5250	GM_61_B1_E02	GM_61_B1_E02_T7	
	5251	GM_61_B1_E02		GM_61_B1_E02_MR
30	5252	GM_61_B1_E03	GM_61_B1_E03_T7	
	5253	GM_61_B1_E03		GM_61_B1_E03_MR
	5254	GM_61_B1_E04	GM_61_B1_E04_T7	
	5255	GM_61_B1_E04		GM_61_B1_E04_MR
	5256	GM_61_B1_E05	GM_61_B1_E05_T7	
35	5257	GM_61_B1_E05		GM_61_B1_E05_MR
	5258	GM_61_B1_E06	GM_61_B1_E06_T7	
	5259	GM_61_B1_E06		GM_61_B1_E06_MR
	5260	GM_61_B1_E07	GM_61_B1_E07_T7	
	5261	GM_61_B1_E07		GM_61_B1_E07_MR
40	5262	GM_61_B1_E08	GM_61_B1_E08_T7	
	5263	GM_61_B1_E08		GM_61_B1_E08_MR
	5264	GM_61_B1_E09	GM_61_B1_E09_T7	
	5265	GM_61_B1_E09		GM_61_B1_E09_MR
	5266	GM_61_B1_E10	GM_61_B1_E10_T7	
45	5267	GM_61_B1_E10		GM_61_B1_E10_MR
	5268	GM_61_B1_E11	GM_61_B1_E11_T7	
	5269	GM_61_B1_E11		GM_61_B1_E11_MR
	5270	GM_61_B1_E12	GM_61_B1_E12_T7	
	5271	GM_61_B1_E12		GM_61_B1_E12_MR
50	5272	GM_61_B1_F01	GM_61_B1_F01_T7	
	5273	GM_61_B1_F02	GM_61_B1_F02_T7	
	5274	GM_61_B1_F02		GM_61_B1_F02_MR
	5275	GM_61_B1_F03	GM_61_B1_F03_T7	
	5276	GM_61_B1_F03		GM_61_B1_F03_MR
55	5277	GM_61_B1_F04	GM_61_B1_F04_T7	

	5278	GM_61_B1_F04		GM_61_B1_F04_MR
	5279	GM_61_B1_F05	GM_61_B1_F05_T7	
	5280	GM_61_B1_F05		GM_61_B1_F05_MR
	5281	GM_61_B1_F06	GM_61_B1_F06_T7	
5	5282	GM_61_B1_F06		GM_61_B1_F06_MR
	5283	GM_61_B1_F07	GM_61_B1_F07_T7	
	5284	GM_61_B1_F07		GM_61_B1_F07_MR
	5285	GM_61_B1_F08	GM_61_B1_F08_T7	
	5286	GM_61_B1_F08		GM_61_B1_F08_MR
10	5287	GM_61_B1_F09	GM_61_B1_F09_T7	
	5288	GM_61_B1_F09		GM_61_B1_F09_MR
	5289	GM_61_B1_F10	GM_61_B1_F10_T7	
	5290	GM_61_B1_F10		GM_61_B1_F10_MR
	5291	GM_61_B1_F11	GM_61_B1_F11_T7	
15	5292	GM_61_B1_F11		GM_61_B1_F11_MR
	5293	GM_61_B1_F12	GM_61_B1_F12_T7	
	5294	GM_61_B1_F12		GM_61_B1_F12_MR
	5295	GM_61_B1_G01	GM_61_B1_G01_T7	
	5296	GM_61_B1_G01		GM_61_B1_G01_MR
20	5297	GM_61_B1_G02	GM_61_B1_G02_T7	
	5298	GM_61_B1_G02		GM_61_B1_G02_MR
	5299	GM_61_B1_G03	GM_61_B1_G03_T7	
	5300	GM_61_B1_G03		GM_61_B1_G03_MR
	5301	GM_61_B1_G04	GM_61_B1_G04_T7	
25	5302	GM_61_B1_G04		GM_61_B1_G04_MR
	5303	GM_61_B1_G05	GM_61_B1_G05_T7	
	5304	GM_61_B1_G05		GM_61_B1_G05_MR
	5305	GM_61_B1_G06	GM_61_B1_G06_T7	
	5306	GM_61_B1_G06		GM_61_B1_G06_MR
30	5307	GM_61_B1_G07	GM_61_B1_G07_T7	
	5308	GM_61_B1_G07		GM_61_B1_G07_MR
	5309	GM_61_B1_G08	GM_61_B1_G08_T7	
	5310	GM_61_B1_G08		GM_61_B1_G08_MR
	5311	GM_61_B1_G09	GM_61_B1_G09_T7	
35	5312	GM_61_B1_G09		GM_61_B1_G09_MR
	5313	GM_61_B1_G10	GM_61_B1_G10_T7	
	5314	GM_61_B1_G11	GM_61_B1_G11_T7	
	5315	GM_61_B1_G11		GM_61_B1_G11_MR
	5316	GM_61_B1_G12	GM_61_B1_G12_T7	
40	5317	GM_61_B1_G12		GM_61_B1_G12_MR
	5318	GM_61_B1_H01	GM_61_B1_H01_T7	
	5319	GM_61_B1_H02	GM_61_B1_H02_T7	
	5320	GM_61_B1_H02		GM_61_B1_H02_MR
	5321	GM_61_B1_H03	GM_61_B1_H03_T7	
45	5322	GM_61_B1_H03		GM_61_B1_H03_MR
	5323	GM_61_B1_H04	GM_61_B1_H04_T7	
	5324	GM_61_B1_H04		GM_61_B1_H04_MR
	5325	GM_61_B1_H05	GM_61_B1_H05_T7	
	5326	GM_61_B1_H05		GM_61_B1_H05_MR
50	5327	GM_61_B1_H06	GM_61_B1_H06_T7	
	5328	GM_61_B1_H06		GM_61_B1_H06_MR
	5329	GM_61_B1_H07	GM_61_B1_H07_T7	
	5330	GM_61_B1_H07		GM_61_B1_H07_MR
	5331	GM_61_B1_H08	GM_61_B1_H08_T7	
55	5332	GM_61_B1_H08		GM_61_B1_H08_MR

	5333	GM_61_B1_H09	GM_61_B1_H09_T7	
	5334	GM_61_B1_H09		GM_61_B1_H09_MR
	5335	GM_61_B1_H10	GM_61_B1_H10_T7	
	5336	GM_61_B1_H10		GM_61_B1_H10_MR
5	5337	GM_61_B1_H11	GM_61_B1_H11_T7	
	5338	GM_61_B1_H11		GM_61_B1_H11_MR
	5339	GM_61_B1_H12	GM_61_B1_H12_T7	
	5340	GM_61_B1_H12		GM_61_B1_H12_MR
	5341	GM_61_B2_A01	GM_61_B2_A01_T7	
10	5342	GM_61_B2_A01		GM_61_B2_A01_MR
	5343	GM_61_B2_A02	GM_61_B2_A02_T7	
	5344	GM_61_B2_A02		GM_61_B2_A02_MR
	5345	GM_61_B2_A03	GM_61_B2_A03_T7	
	5346	GM_61_B2_A03		GM_61_B2_A03_MR
15	5347	GM_61_B2_A04	GM_61_B2_A04_T7	
	5348	GM_61_B2_A04		GM_61_B2_A04_MR
	5349	GM_61_B2_A05	GM_61_B2_A05_T7	
	5350	GM_61_B2_A05		GM_61_B2_A05_MR
	5351	GM_61_B2_A06	GM_61_B2_A06_T7	
20	5352	GM_61_B2_A06		GM_61_B2_A06_MR
	5353	GM_61_B2_A07	GM_61_B2_A07_T7	
	5354	GM_61_B2_A07		GM_61_B2_A07_MR
	5355	GM_61_B2_A08	GM_61_B2_A08_T7	
	5356	GM_61_B2_A08		GM_61_B2_A08_MR
25	5357	GM_61_B2_A09	GM_61_B2_A09_T7	
	5358	GM_61_B2_A09		GM_61_B2_A09_MR
	5359	GM_61_B2_A10	GM_61_B2_A10_T7	
	5360	GM_61_B2_A10		GM_61_B2_A10_MR
	5361	GM_61_B2_A11	GM_61_B2_A11_T7	
30	5362	GM_61_B2_A11		GM_61_B2_A11_MR
	5363	GM_61_B2_A12	GM_61_B2_A12_T7	
	5364	GM_61_B2_A12		GM_61_B2_A12_MR
	5365	GM_61_B2_B01	GM_61_B2_B01_T7	
	5366	GM_61_B2_B01		GM_61_B2_B01_MR
35	5367	GM_61_B2_B02	GM_61_B2_B02_T7	
	5368	GM_61_B2_B02		GM_61_B2_B02_MR
	5369	GM_61_B2_B03	GM_61_B2_B03_T7	
	5370	GM_61_B2_B03		GM_61_B2_B03_MR
	5371	GM_61_B2_B04	GM_61_B2_B04_T7	
40	5372	GM_61_B2_B04		GM_61_B2_B04_MR
	5373	GM_61_B2_B05	GM_61_B2_B05_T7	
	5374	GM_61_B2_B05		GM_61_B2_B05_MR
	5375	GM_61_B2_B06	GM_61_B2_B06_T7	
	5376	GM_61_B2_B06		GM_61_B2_B06_MR
45	5377	GM_61_B2_B07	GM_61_B2_B07_T7	
	5378	GM_61_B2_B07		GM_61_B2_B07_MR
	5379	GM_61_B2_B08	GM_61_B2_B08_T7	
	5380	GM_61_B2_B08		GM_61_B2_B08_MR
	5381	GM_61_B2_B09	GM_61_B2_B09_T7	
50	5382	GM_61_B2_B09		GM_61_B2_B09_MR
	5383	GM_61_B2_B10	GM_61_B2_B10_T7	
	5384	GM_61_B2_B10		GM_61_B2_B10_MR
	5385	GM_61_B2_B11	GM_61_B2_B11_T7	
	5386	GM_61_B2_B11		GM_61_B2_B11_MR
55	5387	GM_61_B2_B12	GM_61_B2_B12_T7	

	5388	GM_61_B2_B12		GM_61_B2_B12_MR
	5389	GM_61_B2_C01	GM_61_B2_C01_T7	
	5390	GM_61_B2_C01		GM_61_B2_C01_MR
	5391	GM_61_B2_C02	GM_61_B2_C02_T7	
5	5392	GM_61_B2_C02		GM_61_B2_C02_MR
	5393	GM_61_B2_C03	GM_61_B2_C03_T7	
	5394	GM_61_B2_C03		GM_61_B2_C03_MR
	5395	GM_61_B2_C04	GM_61_B2_C04_T7	
	5396	GM_61_B2_C04		GM_61_B2_C04_MR
10	5397	GM_61_B2_C05	GM_61_B2_C05_T7	
	5398	GM_61_B2_C05		GM_61_B2_C05_MR
	5399	GM_61_B2_C06	GM_61_B2_C06_T7	
	5400	GM_61_B2_C06		GM_61_B2_C06_MR
	5401	GM_61_B2_C08	GM_61_B2_C08_T7	
15	5402	GM_61_B2_C08		GM_61_B2_C08_MR
	5403	GM_61_B2_C09	GM_61_B2_C09_T7	
	5404	GM_61_B2_C09		GM_61_B2_C09_MR
	5405	GM_61_B2_C10	GM_61_B2_C10_T7	
	5406	GM_61_B2_C10		GM_61_B2_C10_MR
20	5407	GM_61_B2_C11	GM_61_B2_C11_T7	
	5408	GM_61_B2_C11		GM_61_B2_C11_MR
	5409	GM_61_B2_C12	GM_61_B2_C12_T7	
	5410	GM_61_B2_C12		GM_61_B2_C12_MR
	5411	GM_61_B2_D01	GM_61_B2_D01_T7	
25	5412	GM_61_B2_D01		GM_61_B2_D01_MR
	5413	GM_61_B2_D02	GM_61_B2_D02_T7	
	5414	GM_61_B2_D02		GM_61_B2_D02_MR
	5415	GM_61_B2_D03	GM_61_B2_D03_T7	
	5416	GM_61_B2_D03		GM_61_B2_D03_MR
30	5417	GM_61_B2_D04	GM_61_B2_D04_T7	
	5418	GM_61_B2_D04		GM_61_B2_D04_MR
	5419	GM_61_B2_D05	GM_61_B2_D05_T7	
	5420	GM_61_B2_D05		GM_61_B2_D05_MR
	5421	GM_61_B2_D06	GM_61_B2_D06_T7	
35	5422	GM_61_B2_D06		GM_61_B2_D06_MR
	5423	GM_61_B2_D07	GM_61_B2_D07_T7	
	5424	GM_61_B2_D07		GM_61_B2_D07_MR
	5425	GM_61_B2_D08	GM_61_B2_D08_T7	
	5426	GM_61_B2_D08		GM_61_B2_D08_MR
40	5427	GM_61_B2_D09	GM_61_B2_D09_T7	
	5428	GM_61_B2_D09		GM_61_B2_D09_MR
	5429	GM_61_B2_D10	GM_61_B2_D10_T7	
	5430	GM_61_B2_D10		GM_61_B2_D10_MR
	5431	GM_61_B2_D11	GM_61_B2_D11_T7	
45	5432	GM_61_B2_D11		GM_61_B2_D11_MR
	5433	GM_61_B2_D12	GM_61_B2_D12_T7	
	5434	GM_61_B2_D12		GM_61_B2_D12_MR
	5435	GM_61_B2_E01	GM_61_B2_E01_T7	
	5436	GM_61_B2_E01		GM_61_B2_E01_MR
50	5437	GM_61_B2_E02	GM_61_B2_E02_T7	
	5438	GM_61_B2_E02		GM_61_B2_E02_MR
	5439	GM_61_B2_E03	GM_61_B2_E03_T7	
	5440	GM_61_B2_E03		GM_61_B2_E03_MR
	5441	GM_61_B2_E04	GM_61_B2_E04_T7	
55	5442	GM_61_B2_E04		GM_61_B2_E04_MR

	5443	GM_61_B2_E05	GM_61_B2_E05_T7	
	5444	GM_61_B2_E05		GM_61_B2_E05_MR
	5445	GM_61_B2_E06	GM_61_B2_E06_T7	
	5446	GM_61_B2_E06		GM_61_B2_E06_MR
5	5447	GM_61_B2_E07		GM_61_B2_E07_MR
	5448	GM_61_B2_E08	GM_61_B2_E08_T7	
	5449	GM_61_B2_E08		GM_61_B2_E08_MR
	5450	GM_61_B2_E09	GM_61_B2_E09_T7	
	5451	GM_61_B2_E09		GM_61_B2_E09_MR
10	5452	GM_61_B2_E10	GM_61_B2_E10_T7	
	5453	GM_61_B2_E10		GM_61_B2_E10_MR
	5454	GM_61_B2_E11	GM_61_B2_E11_T7	
	5455	GM_61_B2_E11		GM_61_B2_E11_MR
	5456	GM_61_B2_E12	GM_61_B2_E12_T7	
15	5457	GM_61_B2_E12		GM_61_B2_E12_MR
	5458	GM_61_B2_F01	GM_61_B2_F01_T7	
	5459	GM_61_B2_F01		GM_61_B2_F01_MR
	5460	GM_61_B2_F02	GM_61_B2_F02_T7	
	5461	GM_61_B2_F02		GM_61_B2_F02_MR
20	5462	GM_61_B2_F03	GM_61_B2_F03_T7	
	5463	GM_61_B2_F03		GM_61_B2_F03_MR
	5464	GM_61_B2_F04	GM_61_B2_F04_T7	
	5465	GM_61_B2_F04		GM_61_B2_F04_MR
	5466	GM_61_B2_F05	GM_61_B2_F05_T7	
25	5467	GM_61_B2_F05		GM_61_B2_F05_MR
	5468	GM_61_B2_F06	GM_61_B2_F06_T7	
	5469	GM_61_B2_F06		GM_61_B2_F06_MR
	5470	GM_61_B2_F07		GM_61_B2_F07_MR
	5471	GM_61_B2_F08	GM_61_B2_F08_T7	
30	5472	GM_61_B2_F08		GM_61_B2_F08_MR
	5473	GM_61_B2_F09	GM_61_B2_F09_T7	
	5474	GM_61_B2_F09		GM_61_B2_F09_MR
	5475	GM_61_B2_F10	GM_61_B2_F10_T7	
	5476	GM_61_B2_F10		GM_61_B2_F10_MR
35	5477	GM_61_B2_F11	GM_61_B2_F11_T7	
	5478	GM_61_B2_F11		GM_61_B2_F11_MR
	5479	GM_61_B2_F12	GM_61_B2_F12_T7	
	5480	GM_61_B2_F12		GM_61_B2_F12_MR
	5481	GM_61_B2_G01		GM_61_B2_G01_MR
40	5482	GM_61_B2_G02	GM_61_B2_G02_T7	
	5483	GM_61_B2_G02		GM_61_B2_G02_MR
	5484	GM_61_B2_G03	GM_61_B2_G03_T7	
	5485	GM_61_B2_G03		GM_61_B2_G03_MR
	5486	GM_61_B2_G04	GM_61_B2_G04_T7	
45	5487	GM_61_B2_G04		GM_61_B2_G04_MR
	5488	GM_61_B2_G05	GM_61_B2_G05_T7	
	5489	GM_61_B2_G05		GM_61_B2_G05_MR
	5490	GM_61_B2_G06	GM_61_B2_G06_T7	
	5491	GM_61_B2_G06		GM_61_B2_G06_MR
50	5492	GM_61_B2_G07	GM_61_B2_G07_T7	
	5493	GM_61_B2_G07		GM_61_B2_G07_MR
	5494	GM_61_B2_G08	GM_61_B2_G08_T7	
	5495	GM_61_B2_G08		GM_61_B2_G08_MR
	5496	GM_61_B2_G09	GM_61_B2_G09_T7	
55	5497	GM_61_B2_G09		GM_61_B2_G09_MR

	5498	GM_61_B2_G10	GM_61_B2_G10_T7	
	5499	GM_61_B2_G10		GM_61_B2_G10_MR
	5500	GM_61_B2_G11	GM_61_B2_G11_T7	
	5501	GM_61_B2_G11		GM_61_B2_G11_MR
5	5502	GM_61_B2_G12	GM_61_B2_G12_T7	
	5503	GM_61_B2_G12		GM_61_B2_G12_MR
	5504	GM_61_B2_H01	GM_61_B2_H01_T7	
	5505	GM_61_B2_H01		GM_61_B2_H01_MR
	5506	GM_61_B2_H02	GM_61_B2_H02_T7	
10	5507	GM_61_B2_H02		GM_61_B2_H02_MR
	5508	GM_61_B2_H03	GM_61_B2_H03_T7	
	5509	GM_61_B2_H03		GM_61_B2_H03_MR
	5510	GM_61_B2_H04	GM_61_B2_H04_T7	
	5511	GM_61_B2_H05	GM_61_B2_H05_T7	
15	5512	GM_61_B2_H05		GM_61_B2_H05_MR
	5513	GM_61_B2_H06	GM_61_B2_H06_T7	
	5514	GM_61_B2_H06		GM_61_B2_H06_MR
	5515	GM_61_B2_H07	GM_61_B2_H07_T7	
	5516	GM_61_B2_H07		GM_61_B2_H07_MR
20	5517	GM_61_B2_H08	GM_61_B2_H08_T7	
	5518	GM_61_B2_H08		GM_61_B2_H08_MR
	5519	GM_61_B2_H09	GM_61_B2_H09_T7	
	5520	GM_61_B2_H09		GM_61_B2_H09_MR
	5521	GM_61_B2_H10	GM_61_B2_H10_T7	
25	5522	GM_61_B2_H10		GM_61_B2_H10_MR
	5523	GM_61_B2_H11	GM_61_B2_H11_T7	
	5524	GM_61_B2_H11		GM_61_B2_H11_MR
	5525	GM_61_B2_H12	GM_61_B2_H12_T7	
	5526	GM_61_B2_H12		GM_61_B2_H12_MR
30	5527	GM_63_A1_A01		GM_63_A1_A01_MR
	5528	GM_63_A1_A03		GM_63_A1_A03_MR
	5529	GM_63_A1_A04		GM_63_A1_A04_MR
	5530	GM_63_A1_A05		GM_63_A1_A05_MR
	5531	GM_63_A1_A07		GM_63_A1_A07_MR
35	5532	GM_63_A1_A08		GM_63_A1_A08_MR
	5533	GM_63_A1_A09		GM_63_A1_A09_MR
	5534	GM_63_A1_A10		GM_63_A1_A10_MR
	5535	GM_63_A1_A11		GM_63_A1_A11_MR
	5536	GM_63_A1_A12		GM_63_A1_A12_MR
40	5537	GM_63_A1_B01		GM_63_A1_B01_MR
	5538	GM_63_A1_B02		GM_63_A1_B02_MR
	5539	GM_63_A1_B03		GM_63_A1_B03_MR
	5540	GM_63_A1_B04		GM_63_A1_B04_MR
	5541	GM_63_A1_B05		GM_63_A1_B05_MR
45	5542	GM_63_A1_B06		GM_63_A1_B06_MR
	5543	GM_63_A1_B07		GM_63_A1_B07_MR
	5544	GM_63_A1_B08		GM_63_A1_B08_MR
	5545	GM_63_A1_B09		GM_63_A1_B09_MR
	5546	GM_63_A1_B10		GM_63_A1_B10_MR
50	5547	GM_63_A1_B11		GM_63_A1_B11_MR
	5548	GM_63_A1_C01		GM_63_A1_C01_MR
	5549	GM_63_A1_C02		GM_63_A1_C02_MR
	5550	GM_63_A1_C03		GM_63_A1_C03_MR
	5551	GM_63_A1_C04		GM_63_A1_C04_MR
55	5552	GM_63_A1_C05		GM_63_A1_C05_MR

	5553	GM_63_A1_C06	GM_63_A1_C06_MR
	5554	GM_63_A1_C07	GM_63_A1_C07_MR
	5555	GM_63_A1_C08	GM_63_A1_C08_MR
	5556	GM_63_A1_C09	GM_63_A1_C09_MR
5	5557	GM_63_A1_C10	GM_63_A1_C10_MR
	5558	GM_63_A1_C12	GM_63_A1_C12_MR
	5559	GM_63_A1_D01	GM_63_A1_D01_MR
	5560	GM_63_A1_D02	GM_63_A1_D02_MR
	5561	GM_63_A1_D03	GM_63_A1_D03_MR
10	5562	GM_63_A1_D05	GM_63_A1_D05_MR
	5563	GM_63_A1_D06	GM_63_A1_D06_MR
	5564	GM_63_A1_D07	GM_63_A1_D07_MR
	5565	GM_63_A1_D08	GM_63_A1_D08_MR
	5566	GM_63_A1_D09	GM_63_A1_D09_MR
15	5567	GM_63_A1_D10	GM_63_A1_D10_MR
	5568	GM_63_A1_D11	GM_63_A1_D11_MR
	5569	GM_63_A1_D12	GM_63_A1_D12_MR
	5570	GM_63_A1_E01	GM_63_A1_E01_MR
	5571	GM_63_A1_E02	GM_63_A1_E02_MR
20	5572	GM_63_A1_E03	GM_63_A1_E03_MR
	5573	GM_63_A1_E04	GM_63_A1_E04_MR
	5574	GM_63_A1_E05	GM_63_A1_E05_MR
	5575	GM_63_A1_E06	GM_63_A1_E06_MR
	5576	GM_63_A1_E07	GM_63_A1_E07_MR
25	5577	GM_63_A1_E08	GM_63_A1_E08_MR
	5578	GM_63_A1_E09	GM_63_A1_E09_MR
	5579	GM_63_A1_E10	GM_63_A1_E10_MR
	5580	GM_63_A1_E11	GM_63_A1_E11_MR
	5581	GM_63_A1_E12	GM_63_A1_E12_MR
30	5582	GM_63_A1_F01	GM_63_A1_F01_MR
	5583	GM_63_A1_F02	GM_63_A1_F02_MR
	5584	GM_63_A1_F03	GM_63_A1_F03_MR
	5585	GM_63_A1_F04	GM_63_A1_F04_MR
	5586	GM_63_A1_F05	GM_63_A1_F05_MR
35	5587	GM_63_A1_F06	GM_63_A1_F06_MR
	5588	GM_63_A1_F07	GM_63_A1_F07_MR
	5589	GM_63_A1_F08	GM_63_A1_F08_MR
	5590	GM_63_A1_F10	GM_63_A1_F10_MR
	5591	GM_63_A1_F11	GM_63_A1_F11_MR
40	5592	GM_63_A1_F12	GM_63_A1_F12_MR
	5593	GM_63_A1_G01	GM_63_A1_G01_MR
	5594	GM_63_A1_G03	GM_63_A1_G03_MR
	5595	GM_63_A1_G04	GM_63_A1_G04_MR
	5596	GM_63_A1_G05	GM_63_A1_G05_MR
45	5597	GM_63_A1_G06	GM_63_A1_G06_MR
	5598	GM_63_A1_G07	GM_63_A1_G07_MR
	5599	GM_63_A1_G08	GM_63_A1_G08_MR
	5600	GM_63_A1_G09	GM_63_A1_G09_MR
	5601	GM_63_A1_G10	GM_63_A1_G10_MR
50	5602	GM_63_A1_G11	GM_63_A1_G11_MR
	5603	GM_63_A1_G12	GM_63_A1_G12_MR
	5604	GM_63_A1_H01	GM_63_A1_H01_MR
	5605	GM_63_A1_H02	GM_63_A1_H02_MR
	5606	GM_63_A1_H03	GM_63_A1_H03_MR
55	5607	GM_63_A1_H04	GM_63_A1_H04_MR

	5608	GM_63_A1_H05	GM_63_A1_H05_MR
	5609	GM_63_A1_H06	GM_63_A1_H06_MR
	5610	GM_63_A1_H07	GM_63_A1_H07_MR
	5611	GM_63_A1_H08	GM_63_A1_H08_MR
5	5612	GM_63_A1_H09	GM_63_A1_H09_MR
	5613	GM_63_A1_H10	GM_63_A1_H10_MR
	5614	GM_63_A1_H11	GM_63_A1_H11_MR
	5615	GM_63_A1_H12	GM_63_A1_H12_MR
	5616	GM_63_A2_A01	GM_63_A2_A01_T7
10	5617	GM_63_A2_A02	GM_63_A2_A02_T7
	5618	GM_63_A2_A03	GM_63_A2_A03_T7
	5619	GM_63_A2_A04	GM_63_A2_A04_T7
	5620	GM_63_A2_A05	GM_63_A2_A05_T7
	5621	GM_63_A2_A06	GM_63_A2_A06_T7
15	5622	GM_63_A2_A07	GM_63_A2_A07_T7
	5623	GM_63_A2_A08	GM_63_A2_A08_T7
	5624	GM_63_A2_A09	GM_63_A2_A09_T7
	5625	GM_63_A2_A10	GM_63_A2_A10_T7
	5626	GM_63_A2_B01	GM_63_A2_B01_T7
20	5627	GM_63_A2_B02	GM_63_A2_B02_T7
	5628	GM_63_A2_B04	GM_63_A2_B04_T7
	5629	GM_63_A2_B05	GM_63_A2_B05_T7
	5630	GM_63_A2_B06	GM_63_A2_B06_T7
	5631	GM_63_A2_B07	GM_63_A2_B07_T7
25	5632	GM_63_A2_B08	GM_63_A2_B08_T7
	5633	GM_63_A2_B09	GM_63_A2_B09_T7
	5634	GM_63_A2_B10	GM_63_A2_B10_T7
	5635	GM_63_A2_B11	GM_63_A2_B11_T7
	5636	GM_63_A2_C01	GM_63_A2_C01_T7
30	5637	GM_63_A2_C02	GM_63_A2_C02_T7
	5638	GM_63_A2_C03	GM_63_A2_C03_T7
	5639	GM_63_A2_C04	GM_63_A2_C04_T7
	5640	GM_63_A2_C05	GM_63_A2_C05_T7
	5641	GM_63_A2_C06	GM_63_A2_C06_T7
35	5642	GM_63_A2_C07	GM_63_A2_C07_T7
	5643	GM_63_A2_C08	GM_63_A2_C08_T7
	5644	GM_63_A2_C09	GM_63_A2_C09_T7
	5645	GM_63_A2_C10	GM_63_A2_C10_T7
	5646	GM_63_A2_C11	GM_63_A2_C11_T7
40	5647	GM_63_A2_C12	GM_63_A2_C12_T7
	5648	GM_63_A2_D01	GM_63_A2_D01_T7
	5649	GM_63_A2_D02	GM_63_A2_D02_T7
	5650	GM_63_A2_D03	GM_63_A2_D03_T7
	5651	GM_63_A2_D04	GM_63_A2_D04_T7
45	5652	GM_63_A2_D05	GM_63_A2_D05_T7
	5653	GM_63_A2_D06	GM_63_A2_D06_T7
	5654	GM_63_A2_D07	GM_63_A2_D07_T7
	5655	GM_63_A2_D09	GM_63_A2_D09_T7
	5656	GM_63_A2_D11	GM_63_A2_D11_T7
50	5657	GM_63_A2_D12	GM_63_A2_D12_T7
	5658	GM_63_A2_E01	GM_63_A2_E01_T7
	5659	GM_63_A2_E02	GM_63_A2_E02_T7
	5660	GM_63_A2_E03	GM_63_A2_E03_T7
	5661	GM_63_A2_E04	GM_63_A2_E04_T7
55	5662	GM_63_A2_E05	GM_63_A2_E05_T7

	5663	GM_63_A2_E07	GM_63_A2_E07_T7	
	5664	GM_63_A2_E08	GM_63_A2_E08_T7	
	5665	GM_63_A2_E09	GM_63_A2_E09_T7	
	5666	GM_63_A2_E10	GM_63_A2_E10_T7	
5	5667	GM_63_A2_E11	GM_63_A2_E11_T7	
	5668	GM_63_A2_E12	GM_63_A2_E12_T7	
	5669	GM_63_A2_F01	GM_63_A2_F01_T7	
	5670	GM_63_A2_F02	GM_63_A2_F02_T7	
	5671	GM_63_A2_F03	GM_63_A2_F03_T7	
10	5672	GM_63_A2_F04	GM_63_A2_F04_T7	
	5673	GM_63_A2_F05	GM_63_A2_F05_T7	
	5674	GM_63_A2_F06	GM_63_A2_F06_T7	
	5675	GM_63_A2_F07	GM_63_A2_F07_T7	
	5676	GM_63_A2_F08	GM_63_A2_F08_T7	
15	5677	GM_63_A2_F09	GM_63_A2_F09_T7	
	5678	GM_63_A2_F10	GM_63_A2_F10_T7	
	5679	GM_63_A2_F11	GM_63_A2_F11_T7	
	5680	GM_63_A2_F12	GM_63_A2_F12_T7	
	5681	GM_63_A2_G01	GM_63_A2_G01_T7	
20	5682	GM_63_A2_G02	GM_63_A2_G02_T7	
	5683	GM_63_A2_G03	GM_63_A2_G03_T7	
	5684	GM_63_A2_G04	GM_63_A2_G04_T7	
	5685	GM_63_A2_G05	GM_63_A2_G05_T7	
	5686	GM_63_A2_G06	GM_63_A2_G06_T7	
25	5687	GM_63_A2_G07	GM_63_A2_G07_T7	
	5688	GM_63_A2_G08	GM_63_A2_G08_T7	
	5689	GM_63_A2_G10	GM_63_A2_G10_T7	
	5690	GM_63_A2_G11	GM_63_A2_G11_T7	
	5691	GM_63_A2_G12	GM_63_A2_G12_T7	
30	5692	GM_63_A2_H01	GM_63_A2_H01_T7	
	5693	GM_63_A2_H02	GM_63_A2_H02_T7	
	5694	GM_63_A2_H03	GM_63_A2_H03_T7	
	5695	GM_63_A2_H04	GM_63_A2_H04_T7	
	5696	GM_63_A2_H05	GM_63_A2_H05_T7	
35	5697	GM_63_A2_H06	GM_63_A2_H06_T7	
	5698	GM_63_A2_H07	GM_63_A2_H07_T7	
	5699	GM_63_A2_H08	GM_63_A2_H08_T7	
	5700	GM_63_A2_H10	GM_63_A2_H10_T7	
	5701	GM_63_A2_H11	GM_63_A2_H11_T7	
40	5702	GM_63_A2_H12	GM_63_A2_H12_T7	
	5703	GM_64_A1_A01	GM_64_A1_A01_T7	
	5704	GM_64_A1_A01		GM_64_A1_A01_MR
	5705	GM_64_A1_A02	GM_64_A1_A02_T7	
	5706	GM_64_A1_A02		GM_64_A1_A02_MR
45	5707	GM_64_A1_A03	GM_64_A1_A03_T7	
	5708	GM_64_A1_A03		GM_64_A1_A03_MR
	5709	GM_64_A1_A04		GM_64_A1_A04_MR
	5710	GM_64_A1_A05	GM_64_A1_A05_T7	
	5711	GM_64_A1_A05		GM_64_A1_A05_MR
50	5712	GM_64_A1_A06	GM_64_A1_A06_T7	
	5713	GM_64_A1_A06		GM_64_A1_A06_MR
	5714	GM_64_A1_A07	GM_64_A1_A07_T7	
	5715	GM_64_A1_A07		GM_64_A1_A07_MR
	5716	GM_64_A1_A09		GM_64_A1_A09_MR
55	5717	GM_64_A1_A10		GM_64_A1_A10_MR

	5718	GM_64_A1_A11	GM_64_A1_A11_T7	
	5719	GM_64_A1_A11		GM_64_A1_A11_MR
	5720	GM_64_A1_A12	GM_64_A1_A12_T7	
	5721	GM_64_A1_A12		GM_64_A1_A12_MR
5	5722	GM_64_A1_B01	GM_64_A1_B01_T7	
	5723	GM_64_A1_B01		GM_64_A1_B01_MR
	5724	GM_64_A1_B02	GM_64_A1_B02_T7	
	5725	GM_64_A1_B02		GM_64_A1_B02_MR
	5726	GM_64_A1_B03		GM_64_A1_B03_MR
10	5727	GM_64_A1_B04		GM_64_A1_B04_MR
	5728	GM_64_A1_B05	GM_64_A1_B05_T7	
	5729	GM_64_A1_B05		GM_64_A1_B05_MR
	5730	GM_64_A1_B06	GM_64_A1_B06_T7	
	5731	GM_64_A1_B06		GM_64_A1_B06_MR
15	5732	GM_64_A1_B07	GM_64_A1_B07_T7	
	5733	GM_64_A1_B07		GM_64_A1_B07_MR
	5734	GM_64_A1_B08	GM_64_A1_B08_T7	
	5735	GM_64_A1_B08		GM_64_A1_B08_MR
	5736	GM_64_A1_B09	GM_64_A1_B09_T7	
20	5737	GM_64_A1_B09		GM_64_A1_B09_MR
	5738	GM_64_A1_B10	GM_64_A1_B10_T7	
	5739	GM_64_A1_B10		GM_64_A1_B10_MR
	5740	GM_64_A1_B11	GM_64_A1_B11_T7	
	5741	GM_64_A1_B11		GM_64_A1_B11_MR
25	5742	GM_64_A1_B12	GM_64_A1_B12_T7	
	5743	GM_64_A1_B12		GM_64_A1_B12_MR
	5744	GM_64_A1_C01	GM_64_A1_C01_T7	
	5745	GM_64_A1_C01		GM_64_A1_C01_MR
	5746	GM_64_A1_C02	GM_64_A1_C02_T7	
30	5747	GM_64_A1_C02		GM_64_A1_C02_MR
	5748	GM_64_A1_C03	GM_64_A1_C03_T7	
	5749	GM_64_A1_C03		GM_64_A1_C03_MR
	5750	GM_64_A1_C04	GM_64_A1_C04_T7	
	5751	GM_64_A1_C04		GM_64_A1_C04_MR
35	5752	GM_64_A1_C05	GM_64_A1_C05_T7	
	5753	GM_64_A1_C05		GM_64_A1_C05_MR
	5754	GM_64_A1_C06	GM_64_A1_C06_T7	
	5755	GM_64_A1_C06		GM_64_A1_C06_MR
	5756	GM_64_A1_C07	GM_64_A1_C07_T7	
40	5757	GM_64_A1_C07		GM_64_A1_C07_MR
	5758	GM_64_A1_C08	GM_64_A1_C08_T7	
	5759	GM_64_A1_C08		GM_64_A1_C08_MR
	5760	GM_64_A1_C09	GM_64_A1_C09_T7	
	5761	GM_64_A1_C09		GM_64_A1_C09_MR
45	5762	GM_64_A1_C10	GM_64_A1_C10_T7	
	5763	GM_64_A1_C10		GM_64_A1_C10_MR
	5764	GM_64_A1_C11	GM_64_A1_C11_T7	
	5765	GM_64_A1_C11		GM_64_A1_C11_MR
	5766	GM_64_A1_C12	GM_64_A1_C12_T7	
50	5767	GM_64_A1_C12		GM_64_A1_C12_MR
	5768	GM_64_A1_D01	GM_64_A1_D01_T7	
	5769	GM_64_A1_D02	GM_64_A1_D02_T7	
	5770	GM_64_A1_D02		GM_64_A1_D02_MR
	5771	GM_64_A1_D03	GM_64_A1_D03_T7	
55	5772	GM_64_A1_D03		GM_64_A1_D03_MR

	5773	GM_64_A1_D04	GM_64_A1_D04_T7	
	5774	GM_64_A1_D04		GM_64_A1_D04_MR
	5775	GM_64_A1_D05	GM_64_A1_D05_T7	
	5776	GM_64_A1_D05		GM_64_A1_D05_MR
5	5777	GM_64_A1_D06	GM_64_A1_D06_T7	
	5778	GM_64_A1_D06		GM_64_A1_D06_MR
	5779	GM_64_A1_D07	GM_64_A1_D07_T7	
	5780	GM_64_A1_D07		GM_64_A1_D07_MR
	5781	GM_64_A1_D08	GM_64_A1_D08_T7	
10	5782	GM_64_A1_D08		GM_64_A1_D08_MR
	5783	GM_64_A1_D09		GM_64_A1_D09_MR
	5784	GM_64_A1_D10	GM_64_A1_D10_T7	
	5785	GM_64_A1_D10		GM_64_A1_D10_MR
	5786	GM_64_A1_D11	GM_64_A1_D11_T7	
15	5787	GM_64_A1_D11		GM_64_A1_D11_MR
	5788	GM_64_A1_D12	GM_64_A1_D12_T7	
	5789	GM_64_A1_D12		GM_64_A1_D12_MR
	5790	GM_64_A1_E02	GM_64_A1_E02_T7	
	5791	GM_64_A1_E02		GM_64_A1_E02_MR
20	5792	GM_64_A1_E03		GM_64_A1_E03_MR
	5793	GM_64_A1_E04	GM_64_A1_E04_T7	
	5794	GM_64_A1_E04		GM_64_A1_E04_MR
	5795	GM_64_A1_E05	GM_64_A1_E05_T7	
	5796	GM_64_A1_E05		GM_64_A1_E05_MR
25	5797	GM_64_A1_E06	GM_64_A1_E06_T7	
	5798	GM_64_A1_E06		GM_64_A1_E06_MR
	5799	GM_64_A1_E07	GM_64_A1_E07_T7	
	5800	GM_64_A1_E07		GM_64_A1_E07_MR
	5801	GM_64_A1_E08	GM_64_A1_E08_T7	
30	5802	GM_64_A1_E08		GM_64_A1_E08_MR
	5803	GM_64_A1_E09	GM_64_A1_E09_T7	
	5804	GM_64_A1_E09		GM_64_A1_E09_MR
	5805	GM_64_A1_E10		GM_64_A1_E10_MR
	5806	GM_64_A1_E11		GM_64_A1_E11_MR
35	5807	GM_64_A1_E12	GM_64_A1_E12_T7	
	5808	GM_64_A1_E12		GM_64_A1_E12_MR
	5809	GM_64_A1_F01	GM_64_A1_F01_T7	
	5810	GM_64_A1_F01		GM_64_A1_F01_MR
	5811	GM_64_A1_F02	GM_64_A1_F02_T7	
40	5812	GM_64_A1_F02		GM_64_A1_F02_MR
	5813	GM_64_A1_F03	GM_64_A1_F03_T7	
	5814	GM_64_A1_F03		GM_64_A1_F03_MR
	5815	GM_64_A1_F04	GM_64_A1_F04_T7	
	5816	GM_64_A1_F04		GM_64_A1_F04_MR
45	5817	GM_64_A1_F05	GM_64_A1_F05_T7	
	5818	GM_64_A1_F05		GM_64_A1_F05_MR
	5819	GM_64_A1_F06	GM_64_A1_F06_T7	
	5820	GM_64_A1_F06		GM_64_A1_F06_MR
	5821	GM_64_A1_F07	GM_64_A1_F07_T7	
50	5822	GM_64_A1_F07		GM_64_A1_F07_MR
	5823	GM_64_A1_F08	GM_64_A1_F08_T7	
	5824	GM_64_A1_F08		GM_64_A1_F08_MR
	5825	GM_64_A1_F09	GM_64_A1_F09_T7	
	5826	GM_64_A1_F09		GM_64_A1_F09_MR
55	5827	GM_64_A1_F10	GM_64_A1_F10_T7	

	5828	GM_64_A1_F10		GM_64_A1_F10_MR
	5829	GM_64_A1_F11	GM_64_A1_F11_T7	
	5830	GM_64_A1_F11		GM_64_A1_F11_MR
	5831	GM_64_A1_F12	GM_64_A1_F12_T7	
5	5832	GM_64_A1_F12		GM_64_A1_F12_MR
	5833	GM_64_A1_G01	GM_64_A1_G01_T7	
	5834	GM_64_A1_G01		GM_64_A1_G01_MR
	5835	GM_64_A1_G02	GM_64_A1_G02_T7	
	5836	GM_64_A1_G02		GM_64_A1_G02_MR
10	5837	GM_64_A1_G03	GM_64_A1_G03_T7	
	5838	GM_64_A1_G03		GM_64_A1_G03_MR
	5839	GM_64_A1_G04	GM_64_A1_G04_T7	
	5840	GM_64_A1_G04		GM_64_A1_G04_MR
	5841	GM_64_A1_G05	GM_64_A1_G05_T7	
15	5842	GM_64_A1_G05		GM_64_A1_G05_MR
	5843	GM_64_A1_G06	GM_64_A1_G06_T7	
	5844	GM_64_A1_G06		GM_64_A1_G06_MR
	5845	GM_64_A1_G07	GM_64_A1_G07_T7	
	5846	GM_64_A1_G07		GM_64_A1_G07_MR
20	5847	GM_64_A1_G08	GM_64_A1_G08_T7	
	5848	GM_64_A1_G08		GM_64_A1_G08_MR
	5849	GM_64_A1_G09	GM_64_A1_G09_T7	
	5850	GM_64_A1_G09		GM_64_A1_G09_MR
	5851	GM_64_A1_G10	GM_64_A1_G10_T7	
25	5852	GM_64_A1_G10		GM_64_A1_G10_MR
	5853	GM_64_A1_G11	GM_64_A1_G11_T7	
	5854	GM_64_A1_G11		GM_64_A1_G11_MR
	5855	GM_64_A1_G12	GM_64_A1_G12_T7	
	5856	GM_64_A1_G12		GM_64_A1_G12_MR
30	5857	GM_64_A1_H01	GM_64_A1_H01_T7	
	5858	GM_64_A1_H01		GM_64_A1_H01_MR
	5859	GM_64_A1_H02	GM_64_A1_H02_T7	
	5860	GM_64_A1_H02		GM_64_A1_H02_MR
	5861	GM_64_A1_H03	GM_64_A1_H03_T7	
35	5862	GM_64_A1_H03		GM_64_A1_H03_MR
	5863	GM_64_A1_H04	GM_64_A1_H04_T7	
	5864	GM_64_A1_H04		GM_64_A1_H04_MR
	5865	GM_64_A1_H06	GM_64_A1_H06_T7	
	5866	GM_64_A1_H06		GM_64_A1_H06_MR
40	5867	GM_64_A1_H07	GM_64_A1_H07_T7	
	5868	GM_64_A1_H07		GM_64_A1_H07_MR
	5869	GM_64_A1_H08		GM_64_A1_H08_MR
	5870	GM_64_A1_H09	GM_64_A1_H09_T7	
	5871	GM_64_A1_H09		GM_64_A1_H09_MR
45	5872	GM_64_A1_H10	GM_64_A1_H10_T7	
	5873	GM_64_A1_H10		GM_64_A1_H10_MR
	5874	GM_64_A1_H11	GM_64_A1_H11_T7	
	5875	GM_64_A1_H11		GM_64_A1_H11_MR
	5876	GM_64_A1_H12	GM_64_A1_H12_T7	
50	5877	GM_64_A1_H12		GM_64_A1_H12_MR
	5878	GM_64_A2_A01	GM_64_A2_A01_T7	
	5879	GM_64_A2_A01		GM_64_A2_A01_MR
	5880	GM_64_A2_A02	GM_64_A2_A02_T7	
	5881	GM_64_A2_A02		GM_64_A2_A02_MR
55	5882	GM_64_A2_A03	GM_64_A2_A03_T7	

	5883	GM_64_A2_A03		GM_64_A2_A03_MR
	5884	GM_64_A2_A04	GM_64_A2_A04_T7	
	5885	GM_64_A2_A04		GM_64_A2_A04_MR
	5886	GM_64_A2_A07	GM_64_A2_A07_T7	
5	5887	GM_64_A2_A07		GM_64_A2_A07_MR
	5888	GM_64_A2_A08	GM_64_A2_A08_T7	
	5889	GM_64_A2_A08		GM_64_A2_A08_MR
	5890	GM_64_A2_A09	GM_64_A2_A09_T7	
	5891	GM_64_A2_A09		GM_64_A2_A09_MR
10	5892	GM_64_A2_A10	GM_64_A2_A10_T7	
	5893	GM_64_A2_A10		GM_64_A2_A10_MR
	5894	GM_64_A2_A11	GM_64_A2_A11_T7	
	5895	GM_64_A2_A11		GM_64_A2_A11_MR
	5896	GM_64_A2_A12	GM_64_A2_A12_T7	
15	5897	GM_64_A2_A12		GM_64_A2_A12_MR
	5898	GM_64_A2_B01	GM_64_A2_B01_T7	
	5899	GM_64_A2_B01		GM_64_A2_B01_MR
	5900	GM_64_A2_B02	GM_64_A2_B02_T7	
	5901	GM_64_A2_B02		GM_64_A2_B02_MR
20	5902	GM_64_A2_B03	GM_64_A2_B03_T7	
	5903	GM_64_A2_B03		GM_64_A2_B03_MR
	5904	GM_64_A2_B04	GM_64_A2_B04_T7	
	5905	GM_64_A2_B04		GM_64_A2_B04_MR
	5906	GM_64_A2_B05	GM_64_A2_B05_T7	
25	5907	GM_64_A2_B05		GM_64_A2_B05_MR
	5908	GM_64_A2_B06	GM_64_A2_B06_T7	
	5909	GM_64_A2_B06		GM_64_A2_B06_MR
	5910	GM_64_A2_B07	GM_64_A2_B07_T7	
	5911	GM_64_A2_B07		GM_64_A2_B07_MR
30	5912	GM_64_A2_B08	GM_64_A2_B08_T7	
	5913	GM_64_A2_B08		GM_64_A2_B08_MR
	5914	GM_64_A2_B09	GM_64_A2_B09_T7	
	5915	GM_64_A2_B09		GM_64_A2_B09_MR
	5916	GM_64_A2_B10	GM_64_A2_B10_T7	
35	5917	GM_64_A2_B10		GM_64_A2_B10_MR
	5918	GM_64_A2_B11	GM_64_A2_B11_T7	
	5919	GM_64_A2_B11		GM_64_A2_B11_MR
	5920	GM_64_A2_B12	GM_64_A2_B12_T7	
	5921	GM_64_A2_B12		GM_64_A2_B12_MR
40	5922	GM_64_A2_C01	GM_64_A2_C01_T7	
	5923	GM_64_A2_C01		GM_64_A2_C01_MR
	5924	GM_64_A2_C02	GM_64_A2_C02_T7	
	5925	GM_64_A2_C02		GM_64_A2_C02_MR
	5926	GM_64_A2_C03	GM_64_A2_C03_T7	
45	5927	GM_64_A2_C03		GM_64_A2_C03_MR
	5928	GM_64_A2_C04	GM_64_A2_C04_T7	
	5929	GM_64_A2_C04		GM_64_A2_C04_MR
	5930	GM_64_A2_C05	GM_64_A2_C05_T7	
	5931	GM_64_A2_C05		GM_64_A2_C05_MR
50	5932	GM_64_A2_C06	GM_64_A2_C06_T7	
	5933	GM_64_A2_C06		GM_64_A2_C06_MR
	5934	GM_64_A2_C07	GM_64_A2_C07_T7	
	5935	GM_64_A2_C07		GM_64_A2_C07_MR
	5936	GM_64_A2_C08		GM_64_A2_C08_MR
55	5937	GM_64_A2_C09	GM_64_A2_C09_T7	

	5938	GM_64_A2_C09		GM_64_A2_C09_MR
	5939	GM_64_A2_C10	GM_64_A2_C10_T7	
	5940	GM_64_A2_C10		GM_64_A2_C10_MR
	5941	GM_64_A2_C11	GM_64_A2_C11_T7	
5	5942	GM_64_A2_C12	GM_64_A2_C12_T7	
	5943	GM_64_A2_C12		GM_64_A2_C12_MR
	5944	GM_64_A2_D01	GM_64_A2_D01_T7	
	5945	GM_64_A2_D01		GM_64_A2_D01_MR
	5946	GM_64_A2_D02	GM_64_A2_D02_T7	
10	5947	GM_64_A2_D02		GM_64_A2_D02_MR
	5948	GM_64_A2_D03	GM_64_A2_D03_T7	
	5949	GM_64_A2_D03		GM_64_A2_D03_MR
	5950	GM_64_A2_D04	GM_64_A2_D04_T7	
	5951	GM_64_A2_D04		GM_64_A2_D04_MR
15	5952	GM_64_A2_D05	GM_64_A2_D05_T7	
	5953	GM_64_A2_D05		GM_64_A2_D05_MR
	5954	GM_64_A2_D08	GM_64_A2_D08_T7	
	5955	GM_64_A2_D08		GM_64_A2_D08_MR
	5956	GM_64_A2_D09	GM_64_A2_D09_T7	
20	5957	GM_64_A2_D09		GM_64_A2_D09_MR
	5958	GM_64_A2_D10	GM_64_A2_D10_T7	
	5959	GM_64_A2_D10		GM_64_A2_D10_MR
	5960	GM_64_A2_D11	GM_64_A2_D11_T7	
	5961	GM_64_A2_D11		GM_64_A2_D11_MR
25	5962	GM_64_A2_D12	GM_64_A2_D12_T7	
	5963	GM_64_A2_D12		GM_64_A2_D12_MR
	5964	GM_64_A2_E01	GM_64_A2_E01_T7	
	5965	GM_64_A2_E01		GM_64_A2_E01_MR
	5966	GM_64_A2_E02	GM_64_A2_E02_T7	
30	5967	GM_64_A2_E02		GM_64_A2_E02_MR
	5968	GM_64_A2_E03	GM_64_A2_E03_T7	
	5969	GM_64_A2_E03		GM_64_A2_E03_MR
	5970	GM_64_A2_E07	GM_64_A2_E07_T7	
	5971	GM_64_A2_E07		GM_64_A2_E07_MR
35	5972	GM_64_A2_E08	GM_64_A2_E08_T7	
	5973	GM_64_A2_E08		GM_64_A2_E08_MR
	5974	GM_64_A2_E09	GM_64_A2_E09_T7	
	5975	GM_64_A2_E09		GM_64_A2_E09_MR
	5976	GM_64_A2_E10	GM_64_A2_E10_T7	
40	5977	GM_64_A2_E10		GM_64_A2_E10_MR
	5978	GM_64_A2_E11	GM_64_A2_E11_T7	
	5979	GM_64_A2_E11		GM_64_A2_E11_MR
	5980	GM_64_A2_E12	GM_64_A2_E12_T7	
	5981	GM_64_A2_E12		GM_64_A2_E12_MR
45	5982	GM_64_A2_F01	GM_64_A2_F01_T7	
	5983	GM_64_A2_F01		GM_64_A2_F01_MR
	5984	GM_64_A2_F02	GM_64_A2_F02_T7	
	5985	GM_64_A2_F02		GM_64_A2_F02_MR
	5986	GM_64_A2_F03	GM_64_A2_F03_T7	
50	5987	GM_64_A2_F03		GM_64_A2_F03_MR
	5988	GM_64_A2_F04	GM_64_A2_F04_T7	
	5989	GM_64_A2_F04		GM_64_A2_F04_MR
	5990	GM_64_A2_F05	GM_64_A2_F05_T7	
	5991	GM_64_A2_F05		GM_64_A2_F05_MR
55	5992	GM_64_A2_F06	GM_64_A2_F06_T7	

	5993	GM_64_A2_F06		GM_64_A2_F06_MR
	5994	GM_64_A2_F07	GM_64_A2_F07_T7	
	5995	GM_64_A2_F07		GM_64_A2_F07_MR
	5996	GM_64_A2_F08	GM_64_A2_F08_T7	
5	5997	GM_64_A2_F08		GM_64_A2_F08_MR
	5998	GM_64_A2_F09	GM_64_A2_F09_T7	
	5999	GM_64_A2_F09		GM_64_A2_F09_MR
	6000	GM_64_A2_F10	GM_64_A2_F10_T7	
	6001	GM_64_A2_F10		GM_64_A2_F10_MR
10	6002	GM_64_A2_F11	GM_64_A2_F11_T7	
	6003	GM_64_A2_F11		GM_64_A2_F11_MR
	6004	GM_64_A2_F12	GM_64_A2_F12_T7	
	6005	GM_64_A2_F12		GM_64_A2_F12_MR
	6006	GM_64_A2_G01	GM_64_A2_G01_T7	
15	6007	GM_64_A2_G01		GM_64_A2_G01_MR
	6008	GM_64_A2_G02	GM_64_A2_G02_T7	
	6009	GM_64_A2_G02		GM_64_A2_G02_MR
	6010	GM_64_A2_G03	GM_64_A2_G03_T7	
	6011	GM_64_A2_G03		GM_64_A2_G03_MR
20	6012	GM_64_A2_G04	GM_64_A2_G04_T7	
	6013	GM_64_A2_G04		GM_64_A2_G04_MR
	6014	GM_64_A2_G05	GM_64_A2_G05_T7	
	6015	GM_64_A2_G05		GM_64_A2_G05_MR
	6016	GM_64_A2_G06	GM_64_A2_G06_T7	
25	6017	GM_64_A2_G06		GM_64_A2_G06_MR
	6018	GM_64_A2_G07	GM_64_A2_G07_T7	
	6019	GM_64_A2_G07		GM_64_A2_G07_MR
	6020	GM_64_A2_G08	GM_64_A2_G08_T7	
	6021	GM_64_A2_G08		GM_64_A2_G08_MR
30	6022	GM_64_A2_G10	GM_64_A2_G10_T7	
	6023	GM_64_A2_G10		GM_64_A2_G10_MR
	6024	GM_64_A2_G11	GM_64_A2_G11_T7	
	6025	GM_64_A2_G11		GM_64_A2_G11_MR
	6026	GM_64_A2_G12	GM_64_A2_G12_T7	
35	6027	GM_64_A2_H01	GM_64_A2_H01_T7	
	6028	GM_64_A2_H01		GM_64_A2_H01_MR
	6029	GM_64_A2_H03	GM_64_A2_H03_T7	
	6030	GM_64_A2_H03		GM_64_A2_H03_MR
	6031	GM_64_A2_H04	GM_64_A2_H04_T7	
40	6032	GM_64_A2_H05	GM_64_A2_H05_T7	
	6033	GM_64_A2_H05		GM_64_A2_H05_MR
	6034	GM_64_A2_H06	GM_64_A2_H06_T7	
	6035	GM_64_A2_H06		GM_64_A2_H06_MR
	6036	GM_64_A2_H07	GM_64_A2_H07_T7	
45	6037	GM_64_A2_H07		GM_64_A2_H07_MR
	6038	GM_64_A2_H08	GM_64_A2_H08_T7	
	6039	GM_64_A2_H09	GM_64_A2_H09_T7	
	6040	GM_64_A2_H09		GM_64_A2_H09_MR
	6041	GM_64_A2_H10	GM_64_A2_H10_T7	
50	6042	GM_64_A2_H10		GM_64_A2_H10_MR
	6043	GM_64_A2_H11	GM_64_A2_H11_T7	
	6044	GM_64_A2_H11		GM_64_A2_H11_MR
	6045	GM_64_A2_H12	GM_64_A2_H12_T7	
	6046	GM_65_A1_A01	GM_65_A1_A01_T7	
55	6047	GM_65_A1_A01		GM_65_A1_A01_MR

	6048	GM_65_A1_A02	GM_65_A1_A02_T7	
	6049	GM_65_A1_A02		GM_65_A1_A02_MR
	6050	GM_65_A1_A03	GM_65_A1_A03_T7	
	6051	GM_65_A1_A03		GM_65_A1_A03_MR
5	6052	GM_65_A1_A04	GM_65_A1_A04_T7	
	6053	GM_65_A1_A04		GM_65_A1_A04_MR
	6054	GM_65_A1_A05	GM_65_A1_A05_T7	
	6055	GM_65_A1_A05		GM_65_A1_A05_MR
	6056	GM_65_A1_A07	GM_65_A1_A07_T7	
10	6057	GM_65_A1_A07		GM_65_A1_A07_MR
	6058	GM_65_A1_A08	GM_65_A1_A08_T7	
	6059	GM_65_A1_A08		GM_65_A1_A08_MR
	6060	GM_65_A1_A09	GM_65_A1_A09_T7	
	6061	GM_65_A1_A09		GM_65_A1_A09_MR
15	6062	GM_65_A1_A10	GM_65_A1_A10_T7	
	6063	GM_65_A1_A10		GM_65_A1_A10_MR
	6064	GM_65_A1_A11	GM_65_A1_A11_T7	
	6065	GM_65_A1_A12	GM_65_A1_A12_T7	
	6066	GM_65_A1_A12		GM_65_A1_A12_MR
20	6067	GM_65_A1_B01	GM_65_A1_B01_T7	
	6068	GM_65_A1_B01		GM_65_A1_B01_MR
	6069	GM_65_A1_B02	GM_65_A1_B02_T7	
	6070	GM_65_A1_B02		GM_65_A1_B02_MR
	6071	GM_65_A1_B03	GM_65_A1_B03_T7	
25	6072	GM_65_A1_B03		GM_65_A1_B03_MR
	6073	GM_65_A1_B04	GM_65_A1_B04_T7	
	6074	GM_65_A1_B04		GM_65_A1_B04_MR
	6075	GM_65_A1_B05	GM_65_A1_B05_T7	
	6076	GM_65_A1_B05		GM_65_A1_B05_MR
30	6077	GM_65_A1_B06	GM_65_A1_B06_T7	
	6078	GM_65_A1_B06		GM_65_A1_B06_MR
	6079	GM_65_A1_B07	GM_65_A1_B07_T7	
	6080	GM_65_A1_B07		GM_65_A1_B07_MR
	6081	GM_65_A1_B08	GM_65_A1_B08_T7	
35	6082	GM_65_A1_B09	GM_65_A1_B09_T7	
	6083	GM_65_A1_B09		GM_65_A1_B09_MR
	6084	GM_65_A1_B10	GM_65_A1_B10_T7	
	6085	GM_65_A1_B10		GM_65_A1_B10_MR
	6086	GM_65_A1_B11	GM_65_A1_B11_T7	
40	6087	GM_65_A1_B11		GM_65_A1_B11_MR
	6088	GM_65_A1_B12	GM_65_A1_B12_T7	
	6089	GM_65_A1_B12		GM_65_A1_B12_MR
	6090	GM_65_A1_C01	GM_65_A1_C01_T7	
	6091	GM_65_A1_C01		GM_65_A1_C01_MR
45	6092	GM_65_A1_C02	GM_65_A1_C02_T7	
	6093	GM_65_A1_C02		GM_65_A1_C02_MR
	6094	GM_65_A1_C03	GM_65_A1_C03_T7	
	6095	GM_65_A1_C03		GM_65_A1_C03_MR
	6096	GM_65_A1_C04	GM_65_A1_C04_T7	
50	6097	GM_65_A1_C04		GM_65_A1_C04_MR
	6098	GM_65_A1_C05	GM_65_A1_C05_T7	
	6099	GM_65_A1_C05		GM_65_A1_C05_MR
	6100	GM_65_A1_C06	GM_65_A1_C06_T7	
	6101	GM_65_A1_C07	GM_65_A1_C07_T7	
55	6102	GM_65_A1_C07		GM_65_A1_C07_MR

	6103	GM_65_A1_C08	GM_65_A1_C08_T7	
	6104	GM_65_A1_C08		GM_65_A1_C08_MR
	6105	GM_65_A1_C09	GM_65_A1_C09_T7	
	6106	GM_65_A1_C09		GM_65_A1_C09_MR
5	6107	GM_65_A1_C10		GM_65_A1_C10_MR
	6108	GM_65_A1_D01		GM_65_A1_D01_MR
	6109	GM_65_A1_D02	GM_65_A1_D02_T7	
	6110	GM_65_A1_D02		GM_65_A1_D02_MR
	6111	GM_65_A1_D03	GM_65_A1_D03_T7	
10	6112	GM_65_A1_D03		GM_65_A1_D03_MR
	6113	GM_65_A1_D04		GM_65_A1_D04_MR
	6114	GM_65_A1_D05	GM_65_A1_D05_T7	
	6115	GM_65_A1_D05		GM_65_A1_D05_MR
	6116	GM_65_A1_D06	GM_65_A1_D06_T7	
15	6117	GM_65_A1_D06		GM_65_A1_D06_MR
	6118	GM_65_A1_D07	GM_65_A1_D07_T7	
	6119	GM_65_A1_D07		GM_65_A1_D07_MR
	6120	GM_65_A1_D08	GM_65_A1_D08_T7	
	6121	GM_65_A1_D08		GM_65_A1_D08_MR
20	6122	GM_65_A1_D09	GM_65_A1_D09_T7	
	6123	GM_65_A1_D09		GM_65_A1_D09_MR
	6124	GM_65_A1_D10	GM_65_A1_D10_T7	
	6125	GM_65_A1_D10		GM_65_A1_D10_MR
	6126	GM_65_A1_D11	GM_65_A1_D11_T7	
25	6127	GM_65_A1_D11		GM_65_A1_D11_MR
	6128	GM_65_A1_D12	GM_65_A1_D12_T7	
	6129	GM_65_A1_D12		GM_65_A1_D12_MR
	6130	GM_65_A1_E01	GM_65_A1_E01_T7	
	6131	GM_65_A1_E01		GM_65_A1_E01_MR
30	6132	GM_65_A1_E02	GM_65_A1_E02_T7	
	6133	GM_65_A1_E02		GM_65_A1_E02_MR
	6134	GM_65_A1_E03	GM_65_A1_E03_T7	
	6135	GM_65_A1_E03		GM_65_A1_E03_MR
	6136	GM_65_A1_E04	GM_65_A1_E04_T7	
35	6137	GM_65_A1_E04		GM_65_A1_E04_MR
	6138	GM_65_A1_E05	GM_65_A1_E05_T7	
	6139	GM_65_A1_E05		GM_65_A1_E05_MR
	6140	GM_65_A1_E06	GM_65_A1_E06_T7	
	6141	GM_65_A1_E06		GM_65_A1_E06_MR
40	6142	GM_65_A1_E07	GM_65_A1_E07_T7	
	6143	GM_65_A1_E08	GM_65_A1_E08_T7	
	6144	GM_65_A1_E08		GM_65_A1_E08_MR
	6145	GM_65_A1_E09	GM_65_A1_E09_T7	
	6146	GM_65_A1_E09		GM_65_A1_E09_MR
45	6147	GM_65_A1_E10	GM_65_A1_E10_T7	
	6148	GM_65_A1_E10		GM_65_A1_E10_MR
	6149	GM_65_A1_E11	GM_65_A1_E11_T7	
	6150	GM_65_A1_E11		GM_65_A1_E11_MR
	6151	GM_65_A1_E12	GM_65_A1_E12_T7	
50	6152	GM_65_A1_E12		GM_65_A1_E12_MR
	6153	GM_65_A1_F01	GM_65_A1_F01_T7	
	6154	GM_65_A1_F01		GM_65_A1_F01_MR
	6155	GM_65_A1_F02	GM_65_A1_F02_T7	
	6156	GM_65_A1_F02		GM_65_A1_F02_MR
55	6157	GM_65_A1_F03	GM_65_A1_F03_T7	

	6158	GM_65_A1_F03		GM_65_A1_F03_MR
	6159	GM_65_A1_F04	GM_65_A1_F04_T7	
	6160	GM_65_A1_F04		GM_65_A1_F04_MR
	6161	GM_65_A1_F05	GM_65_A1_F05_T7	
5	6162	GM_65_A1_F05		GM_65_A1_F05_MR
	6163	GM_65_A1_F06	GM_65_A1_F06_T7	
	6164	GM_65_A1_F06		GM_65_A1_F06_MR
	6165	GM_65_A1_F07	GM_65_A1_F07_T7	
	6166	GM_65_A1_F07		GM_65_A1_F07_MR
10	6167	GM_65_A1_F08	GM_65_A1_F08_T7	
	6168	GM_65_A1_F08		GM_65_A1_F08_MR
	6169	GM_65_A1_F09	GM_65_A1_F09_T7	
	6170	GM_65_A1_F09		GM_65_A1_F09_MR
	6171	GM_65_A1_F10	GM_65_A1_F10_T7	
15	6172	GM_65_A1_F10		GM_65_A1_F10_MR
	6173	GM_65_A1_F11	GM_65_A1_F11_T7	
	6174	GM_65_A1_F11		GM_65_A1_F11_MR
	6175	GM_65_A1_F12	GM_65_A1_F12_T7	
	6176	GM_65_A1_F12		GM_65_A1_F12_MR
20	6177	GM_65_A1_G01	GM_65_A1_G01_T7	
	6178	GM_65_A1_G01		GM_65_A1_G01_MR
	6179	GM_65_A1_G02		GM_65_A1_G02_MR
	6180	GM_65_A1_G03	GM_65_A1_G03_T7	
	6181	GM_65_A1_G03		GM_65_A1_G03_MR
25	6182	GM_65_A1_G04	GM_65_A1_G04_T7	
	6183	GM_65_A1_G04		GM_65_A1_G04_MR
	6184	GM_65_A1_G05	GM_65_A1_G05_T7	
	6185	GM_65_A1_G05		GM_65_A1_G05_MR
	6186	GM_65_A1_G06	GM_65_A1_G06_T7	
30	6187	GM_65_A1_G06		GM_65_A1_G06_MR
	6188	GM_65_A1_G07	GM_65_A1_G07_T7	
	6189	GM_65_A1_G07		GM_65_A1_G07_MR
	6190	GM_65_A1_G08	GM_65_A1_G08_T7	
	6191	GM_65_A1_G08		GM_65_A1_G08_MR
35	6192	GM_65_A1_G09	GM_65_A1_G09_T7	
	6193	GM_65_A1_G09		GM_65_A1_G09_MR
	6194	GM_65_A1_G12	GM_65_A1_G12_T7	
	6195	GM_65_A1_H02	GM_65_A1_H02_T7	
	6196	GM_65_A1_H02		GM_65_A1_H02_MR
40	6197	GM_65_A1_H03	GM_65_A1_H03_T7	
	6198	GM_65_A1_H03		GM_65_A1_H03_MR
	6199	GM_65_A1_H04	GM_65_A1_H04_T7	
	6200	GM_65_A1_H04		GM_65_A1_H04_MR
	6201	GM_65_A1_H05	GM_65_A1_H05_T7	
45	6202	GM_65_A1_H05		GM_65_A1_H05_MR
	6203	GM_65_A1_H06	GM_65_A1_H06_T7	
	6204	GM_65_A1_H06		GM_65_A1_H06_MR
	6205	GM_65_A1_H07	GM_65_A1_H07_T7	
	6206	GM_65_A1_H07		GM_65_A1_H07_MR
50	6207	GM_65_A1_H08	GM_65_A1_H08_T7	
	6208	GM_65_A1_H08		GM_65_A1_H08_MR
	6209	GM_65_A1_H09	GM_65_A1_H09_T7	
	6210	GM_65_A1_H09		GM_65_A1_H09_MR
	6211	GM_65_A1_H10	GM_65_A1_H10_T7	
55	6212	GM_65_A1_H11	GM_65_A1_H11_T7	

	6213	GM_65_A1_H11		GM_65_A1_H11_MR
	6214	GM_65_A1_H12	GM_65_A1_H12_T7	
	6215	GM_65_A1_H12		GM_65_A1_H12_MR
	6216	GM_65_A2_A01		GM_65_A2_A01_MR
5	6217	GM_65_A2_A03		GM_65_A2_A03_MR
	6218	GM_65_A2_A04		GM_65_A2_A04_MR
	6219	GM_65_A2_A05		GM_65_A2_A05_MR
	6220	GM_65_A2_A06		GM_65_A2_A06_MR
	6221	GM_65_A2_A07		GM_65_A2_A07_MR
10	6222	GM_65_A2_A08		GM_65_A2_A08_MR
	6223	GM_65_A2_A09		GM_65_A2_A09_MR
	6224	GM_65_A2_A10		GM_65_A2_A10_MR
	6225	GM_65_A2_A12		GM_65_A2_A12_MR
	6226	GM_65_A2_B05		GM_65_A2_B05_MR
15	6227	GM_65_A2_B10		GM_65_A2_B10_MR
	6228	GM_65_A2_B11		GM_65_A2_B11_MR
	6229	GM_65_A2_B12		GM_65_A2_B12_MR
	6230	GM_65_A2_C01		GM_65_A2_C01_MR
	6231	GM_65_A2_C02		GM_65_A2_C02_MR
20	6232	GM_65_A2_C04		GM_65_A2_C04_MR
	6233	GM_65_A2_C05		GM_65_A2_C05_MR
	6234	GM_65_A2_C06		GM_65_A2_C06_MR
	6235	GM_65_A2_C07		GM_65_A2_C07_MR
	6236	GM_65_A2_C08		GM_65_A2_C08_MR
25	6237	GM_65_A2_C09		GM_65_A2_C09_MR
	6238	GM_65_A2_C10		GM_65_A2_C10_MR
	6239	GM_65_A2_C12		GM_65_A2_C12_MR
	6240	GM_65_A2_D02		GM_65_A2_D02_MR
	6241	GM_65_A2_D03		GM_65_A2_D03_MR
30	6242	GM_65_A2_D04		GM_65_A2_D04_MR
	6243	GM_65_A2_D05		GM_65_A2_D05_MR
	6244	GM_65_A2_D06		GM_65_A2_D06_MR
	6245	GM_65_A2_D07		GM_65_A2_D07_MR
	6246	GM_65_A2_D08		GM_65_A2_D08_MR
35	6247	GM_65_A2_D09		GM_65_A2_D09_MR
	6248	GM_65_A2_D10		GM_65_A2_D10_MR
	6249	GM_65_A2_D11		GM_65_A2_D11_MR
	6250	GM_65_A2_D12		GM_65_A2_D12_MR
	6251	GM_65_A2_E01		GM_65_A2_E01_MR
40	6252	GM_65_A2_E02		GM_65_A2_E02_MR
	6253	GM_65_A2_E03		GM_65_A2_E03_MR
	6254	GM_65_A2_E04		GM_65_A2_E04_MR
	6255	GM_65_A2_E06		GM_65_A2_E06_MR
	6256	GM_65_A2_E07		GM_65_A2_E07_MR
45	6257	GM_65_A2_E08		GM_65_A2_E08_MR
	6258	GM_65_A2_E09		GM_65_A2_E09_MR
	6259	GM_65_A2_E10		GM_65_A2_E10_MR
	6260	GM_65_A2_E11		GM_65_A2_E11_MR
	6261	GM_65_A2_F08		GM_65_A2_F08_MR
50	6262	GM_65_A2_F10		GM_65_A2_F10_MR
	6263	GM_65_A2_F11		GM_65_A2_F11_MR
	6264	GM_65_A2_G01		GM_65_A2_G01_MR
	6265	GM_65_A2_G02		GM_65_A2_G02_MR
	6266	GM_65_A2_G03		GM_65_A2_G03_MR
55	6267	GM_65_A2_G04		GM_65_A2_G04_MR

	6268	GM_65_A2_G06		GM_65_A2_G06_MR
	6269	GM_65_A2_G07		GM_65_A2_G07_MR
	6270	GM_65_A2_G08		GM_65_A2_G08_MR
	6271	GM_65_A2_G09		GM_65_A2_G09_MR
5	6272	GM_65_A2_G10		GM_65_A2_G10_MR
	6273	GM_65_A2_G11		GM_65_A2_G11_MR
	6274	GM_65_A2_G12		GM_65_A2_G12_MR
	6275	GM_65_A2_H01		GM_65_A2_H01_MR
	6276	GM_65_A2_H02		GM_65_A2_H02_MR
10	6277	GM_65_A2_H03		GM_65_A2_H03_MR
	6278	GM_65_A2_H04		GM_65_A2_H04_MR
	6279	GM_65_A2_H06		GM_65_A2_H06_MR
	6280	GM_65_A2_H07		GM_65_A2_H07_MR
	6281	GM_65_A2_H08		GM_65_A2_H08_MR
15	6282	GM_65_A2_H09		GM_65_A2_H09_MR
	6283	GM_65_A2_H10		GM_65_A2_H10_MR
	6284	GM_65_A2_H11		GM_65_A2_H11_MR
	6285	GM_65_A2_H12		GM_65_A2_H12_MR
	6286	GM_65_B1_A01	GM_65_B1_A01_T7	
20	6287	GM_65_B1_A01		GM_65_B1_A01_MR
	6288	GM_65_B1_A02	GM_65_B1_A02_T7	
	6289	GM_65_B1_A02		GM_65_B1_A02_MR
	6290	GM_65_B1_A03	GM_65_B1_A03_T7	
	6291	GM_65_B1_A03		GM_65_B1_A03_MR
25	6292	GM_65_B1_A04	GM_65_B1_A04_T7	
	6293	GM_65_B1_A04		GM_65_B1_A04_MR
	6294	GM_65_B1_A05	GM_65_B1_A05_T7	
	6295	GM_65_B1_A05		GM_65_B1_A05_MR
	6296	GM_65_B1_A06	GM_65_B1_A06_T7	
30	6297	GM_65_B1_A06		GM_65_B1_A06_MR
	6298	GM_65_B1_A07	GM_65_B1_A07_T7	
	6299	GM_65_B1_A07		GM_65_B1_A07_MR
	6300	GM_65_B1_A08	GM_65_B1_A08_T7	
	6301	GM_65_B1_A08		GM_65_B1_A08_MR
35	6302	GM_65_B1_A09	GM_65_B1_A09_T7	
	6303	GM_65_B1_A09		GM_65_B1_A09_MR
	6304	GM_65_B1_A10	GM_65_B1_A10_T7	
	6305	GM_65_B1_A10		GM_65_B1_A10_MR
	6306	GM_65_B1_A11	GM_65_B1_A11_T7	
40	6307	GM_65_B1_A11		GM_65_B1_A11_MR
	6308	GM_65_B1_A12	GM_65_B1_A12_T7	
	6309	GM_65_B1_A12		GM_65_B1_A12_MR
	6310	GM_65_B1_B01	GM_65_B1_B01_T7	
	6311	GM_65_B1_B01		GM_65_B1_B01_MR
45	6312	GM_65_B1_B02	GM_65_B1_B02_T7	
	6313	GM_65_B1_B02		GM_65_B1_B02_MR
	6314	GM_65_B1_B03	GM_65_B1_B03_T7	
	6315	GM_65_B1_B03		GM_65_B1_B03_MR
	6316	GM_65_B1_B04	GM_65_B1_B04_T7	
50	6317	GM_65_B1_B04		GM_65_B1_B04_MR
	6318	GM_65_B1_B05	GM_65_B1_B05_T7	
	6319	GM_65_B1_B05		GM_65_B1_B05_MR
	6320	GM_65_B1_B06	GM_65_B1_B06_T7	
	6321	GM_65_B1_B06		GM_65_B1_B06_MR
55	6322	GM_65_B1_B07	GM_65_B1_B07_T7	

	6323	GM_65_B1_B07		GM_65_B1_B07_MR
	6324	GM_65_B1_B08	GM_65_B1_B08_T7	
	6325	GM_65_B1_B08		GM_65_B1_B08_MR
	6326	GM_65_B1_B09	GM_65_B1_B09_T7	
5	6327	GM_65_B1_B09		GM_65_B1_B09_MR
	6328	GM_65_B1_B10	GM_65_B1_B10_T7	
	6329	GM_65_B1_B10		GM_65_B1_B10_MR
	6330	GM_65_B1_B11	GM_65_B1_B11_T7	
	6331	GM_65_B1_B11		GM_65_B1_B11_MR
10	6332	GM_65_B1_B12	GM_65_B1_B12_T7	
	6333	GM_65_B1_B12		GM_65_B1_B12_MR
	6334	GM_65_B1_C01	GM_65_B1_C01_T7	
	6335	GM_65_B1_C01		GM_65_B1_C01_MR
	6336	GM_65_B1_C02	GM_65_B1_C02_T7	
15	6337	GM_65_B1_C02		GM_65_B1_C02_MR
	6338	GM_65_B1_C03	GM_65_B1_C03_T7	
	6339	GM_65_B1_C03		GM_65_B1_C03_MR
	6340	GM_65_B1_C04	GM_65_B1_C04_T7	
	6341	GM_65_B1_C04		GM_65_B1_C04_MR
20	6342	GM_65_B1_C05	GM_65_B1_C05_T7	
	6343	GM_65_B1_C05		GM_65_B1_C05_MR
	6344	GM_65_B1_C06	GM_65_B1_C06_T7	
	6345	GM_65_B1_C06		GM_65_B1_C06_MR
	6346	GM_65_B1_C07	GM_65_B1_C07_T7	
25	6347	GM_65_B1_C07		GM_65_B1_C07_MR
	6348	GM_65_B1_C08	GM_65_B1_C08_T7	
	6349	GM_65_B1_C08		GM_65_B1_C08_MR
	6350	GM_65_B1_C09	GM_65_B1_C09_T7	
	6351	GM_65_B1_C09		GM_65_B1_C09_MR
30	6352	GM_65_B1_C10	GM_65_B1_C10_T7	
	6353	GM_65_B1_C10		GM_65_B1_C10_MR
	6354	GM_65_B1_C11	GM_65_B1_C11_T7	
	6355	GM_65_B1_C11		GM_65_B1_C11_MR
	6356	GM_65_B1_C12	GM_65_B1_C12_T7	
35	6357	GM_65_B1_C12		GM_65_B1_C12_MR
	6358	GM_65_B1_D01	GM_65_B1_D01_T7	
	6359	GM_65_B1_D01		GM_65_B1_D01_MR
	6360	GM_65_B1_D02	GM_65_B1_D02_T7	
	6361	GM_65_B1_D02		GM_65_B1_D02_MR
40	6362	GM_65_B1_D03	GM_65_B1_D03_T7	
	6363	GM_65_B1_D03		GM_65_B1_D03_MR
	6364	GM_65_B1_D04	GM_65_B1_D04_T7	
	6365	GM_65_B1_D04		GM_65_B1_D04_MR
	6366	GM_65_B1_D05	GM_65_B1_D05_T7	
45	6367	GM_65_B1_D05		GM_65_B1_D05_MR
	6368	GM_65_B1_D06	GM_65_B1_D06_T7	
	6369	GM_65_B1_D06		GM_65_B1_D06_MR
	6370	GM_65_B1_D07	GM_65_B1_D07_T7	
	6371	GM_65_B1_D07		GM_65_B1_D07_MR
50	6372	GM_65_B1_D08	GM_65_B1_D08_T7	
	6373	GM_65_B1_D08		GM_65_B1_D08_MR
	6374	GM_65_B1_D09	GM_65_B1_D09_T7	
	6375	GM_65_B1_D09		GM_65_B1_D09_MR
	6376	GM_65_B1_D10	GM_65_B1_D10_T7	
55	6377	GM_65_B1_D10		GM_65_B1_D10_MR

	6378	GM_65_B1_D11	GM_65_B1_D11_T7	
	6379	GM_65_B1_D11		GM_65_B1_D11_MR
	6380	GM_65_B1_D12	GM_65_B1_D12_T7	
	6381	GM_65_B1_D12		GM_65_B1_D12_MR
5	6382	GM_65_B1_E01	GM_65_B1_E01_T7	
	6383	GM_65_B1_E01		GM_65_B1_E01_MR
	6384	GM_65_B1_E02	GM_65_B1_E02_T7	
	6385	GM_65_B1_E02		GM_65_B1_E02_MR
10	6386	GM_65_B1_E03	GM_65_B1_E03_T7	
	6387	GM_65_B1_E03		GM_65_B1_E03_MR
	6388	GM_65_B1_E04	GM_65_B1_E04_T7	
	6389	GM_65_B1_E04		GM_65_B1_E04_MR
	6390	GM_65_B1_E05	GM_65_B1_E05_T7	
	6391	GM_65_B1_E05		GM_65_B1_E05_MR
15	6392	GM_65_B1_E06	GM_65_B1_E06_T7	
	6393	GM_65_B1_E06		GM_65_B1_E06_MR
	6394	GM_65_B1_E07	GM_65_B1_E07_T7	
	6395	GM_65_B1_E07		GM_65_B1_E07_MR
20	6396	GM_65_B1_E08	GM_65_B1_E08_T7	
	6397	GM_65_B1_E08		GM_65_B1_E08_MR
	6398	GM_65_B1_E09	GM_65_B1_E09_T7	
	6399	GM_65_B1_E09		GM_65_B1_E09_MR
	6400	GM_65_B1_E10	GM_65_B1_E10_T7	
	6401	GM_65_B1_E10		GM_65_B1_E10_MR
25	6402	GM_65_B1_E11	GM_65_B1_E11_T7	
	6403	GM_65_B1_E11		GM_65_B1_E11_MR
	6404	GM_65_B1_E12	GM_65_B1_E12_T7	
	6405	GM_65_B1_E12		GM_65_B1_E12_MR
30	6406	GM_65_B1_F01	GM_65_B1_F01_T7	
	6407	GM_65_B1_F01		GM_65_B1_F01_MR
	6408	GM_65_B1_F02	GM_65_B1_F02_T7	
	6409	GM_65_B1_F02		GM_65_B1_F02_MR
	6410	GM_65_B1_F03	GM_65_B1_F03_T7	
35	6411	GM_65_B1_F03		GM_65_B1_F03_MR
	6412	GM_65_B1_F04	GM_65_B1_F04_T7	
	6413	GM_65_B1_F04		GM_65_B1_F04_MR
	6414	GM_65_B1_F05	GM_65_B1_F05_T7	
	6415	GM_65_B1_F05		GM_65_B1_F05_MR
40	6416	GM_65_B1_F06	GM_65_B1_F06_T7	
	6417	GM_65_B1_F06		GM_65_B1_F06_MR
	6418	GM_65_B1_F07	GM_65_B1_F07_T7	
	6419	GM_65_B1_F07		GM_65_B1_F07_MR
	6420	GM_65_B1_F08	GM_65_B1_F08_T7	
	6421	GM_65_B1_F08		GM_65_B1_F08_MR
45	6422	GM_65_B1_F09	GM_65_B1_F09_T7	
	6423	GM_65_B1_F09		GM_65_B1_F09_MR
	6424	GM_65_B1_F10	GM_65_B1_F10_T7	
	6425	GM_65_B1_F10		GM_65_B1_F10_MR
50	6426	GM_65_B1_F11	GM_65_B1_F11_T7	
	6427	GM_65_B1_F11		GM_65_B1_F11_MR
	6428	GM_65_B1_F12	GM_65_B1_F12_T7	
	6429	GM_65_B1_F12		GM_65_B1_F12_MR
	6430	GM_65_B1_G01	GM_65_B1_G01_T7	
	6431	GM_65_B1_G01		GM_65_B1_G01_MR
55	6432	GM_65_B1_G02	GM_65_B1_G02_T7	

	6433	GM_65_B1_G02		GM_65_B1_G02_MR
	6434	GM_65_B1_G03	GM_65_B1_G03_T7	
	6435	GM_65_B1_G03		GM_65_B1_G03_MR
	6436	GM_65_B1_G04	GM_65_B1_G04_T7	
5	6437	GM_65_B1_G04		GM_65_B1_G04_MR
	6438	GM_65_B1_G05	GM_65_B1_G05_T7	
	6439	GM_65_B1_G05		GM_65_B1_G05_MR
	6440	GM_65_B1_G06	GM_65_B1_G06_T7	
	6441	GM_65_B1_G06		GM_65_B1_G06_MR
10	6442	GM_65_B1_G07	GM_65_B1_G07_T7	
	6443	GM_65_B1_G07		GM_65_B1_G07_MR
	6444	GM_65_B1_G08	GM_65_B1_G08_T7	
	6445	GM_65_B1_G08		GM_65_B1_G08_MR
	6446	GM_65_B1_G09	GM_65_B1_G09_T7	
15	6447	GM_65_B1_G09		GM_65_B1_G09_MR
	6448	GM_65_B1_G10	GM_65_B1_G10_T7	
	6449	GM_65_B1_G10		GM_65_B1_G10_MR
	6450	GM_65_B1_G11	GM_65_B1_G11_T7	
	6451	GM_65_B1_G11		GM_65_B1_G11_MR
20	6452	GM_65_B1_G12	GM_65_B1_G12_T7	
	6453	GM_65_B1_G12		GM_65_B1_G12_MR
	6454	GM_65_B1_H01	GM_65_B1_H01_T7	
	6455	GM_65_B1_H01		GM_65_B1_H01_MR
	6456	GM_65_B1_H02	GM_65_B1_H02_T7	
25	6457	GM_65_B1_H02		GM_65_B1_H02_MR
	6458	GM_65_B1_H03	GM_65_B1_H03_T7	
	6459	GM_65_B1_H03		GM_65_B1_H03_MR
	6460	GM_65_B1_H04	GM_65_B1_H04_T7	
	6461	GM_65_B1_H04		GM_65_B1_H04_MR
30	6462	GM_65_B1_H05	GM_65_B1_H05_T7	
	6463	GM_65_B1_H05		GM_65_B1_H05_MR
	6464	GM_65_B1_H06	GM_65_B1_H06_T7	
	6465	GM_65_B1_H06		GM_65_B1_H06_MR
	6466	GM_65_B1_H07	GM_65_B1_H07_T7	
35	6467	GM_65_B1_H07		GM_65_B1_H07_MR
	6468	GM_65_B1_H08	GM_65_B1_H08_T7	
	6469	GM_65_B1_H08		GM_65_B1_H08_MR
	6470	GM_65_B1_H09	GM_65_B1_H09_T7	
	6471	GM_65_B1_H09		GM_65_B1_H09_MR
40	6472	GM_65_B1_H10	GM_65_B1_H10_T7	
	6473	GM_65_B1_H10		GM_65_B1_H10_MR
	6474	GM_65_B1_H11	GM_65_B1_H11_T7	
	6475	GM_65_B1_H11		GM_65_B1_H11_MR
	6476	GM_65_B1_H12	GM_65_B1_H12_T7	
45	6477	GM_65_B1_H12		GM_65_B1_H12_MR
	6478	GM_65_B2_A01	GM_65_B2_A01_T7	
	6479	GM_65_B2_A02	GM_65_B2_A02_T7	
	6480	GM_65_B2_A03	GM_65_B2_A03_T7	
	6481	GM_65_B2_A04	GM_65_B2_A04_T7	
50	6482	GM_65_B2_A05	GM_65_B2_A05_T7	
	6483	GM_65_B2_A06	GM_65_B2_A06_T7	
	6484	GM_65_B2_A07	GM_65_B2_A07_T7	
	6485	GM_65_B2_A08	GM_65_B2_A08_T7	
	6486	GM_65_B2_A09	GM_65_B2_A09_T7	
55	6487	GM_65_B2_A10	GM_65_B2_A10_T7	

	6488	GM_65_B2_A11	GM_65_B2_A11_T7
	6489	GM_65_B2_A12	GM_65_B2_A12_T7
	6490	GM_65_B2_B01	GM_65_B2_B01_T7
	6491	GM_65_B2_B02	GM_65_B2_B02_T7
5	6492	GM_65_B2_B03	GM_65_B2_B03_T7
	6493	GM_65_B2_B04	GM_65_B2_B04_T7
	6494	GM_65_B2_B05	GM_65_B2_B05_T7
	6495	GM_65_B2_B06	GM_65_B2_B06_T7
	6496	GM_65_B2_B07	GM_65_B2_B07_T7
10	6497	GM_65_B2_B08	GM_65_B2_B08_T7
	6498	GM_65_B2_B09	GM_65_B2_B09_T7
	6499	GM_65_B2_B10	GM_65_B2_B10_T7
	6500	GM_65_B2_B12	GM_65_B2_B12_T7
	6501	GM_65_B2_C01	GM_65_B2_C01_T7
15	6502	GM_65_B2_C02	GM_65_B2_C02_T7
	6503	GM_65_B2_C03	GM_65_B2_C03_T7
	6504	GM_65_B2_C04	GM_65_B2_C04_T7
	6505	GM_65_B2_C05	GM_65_B2_C05_T7
	6506	GM_65_B2_C06	GM_65_B2_C06_T7
20	6507	GM_65_B2_C07	GM_65_B2_C07_T7
	6508	GM_65_B2_C08	GM_65_B2_C08_T7
	6509	GM_65_B2_C09	GM_65_B2_C09_T7
	6510	GM_65_B2_C10	GM_65_B2_C10_T7
	6511	GM_65_B2_C11	GM_65_B2_C11_T7
25	6512	GM_65_B2_C12	GM_65_B2_C12_T7
	6513	GM_65_B2_D01	GM_65_B2_D01_T7
	6514	GM_65_B2_D02	GM_65_B2_D02_T7
	6515	GM_65_B2_D03	GM_65_B2_D03_T7
	6516	GM_65_B2_D05	GM_65_B2_D05_T7
30	6517	GM_65_B2_D06	GM_65_B2_D06_T7
	6518	GM_65_B2_D07	GM_65_B2_D07_T7
	6519	GM_65_B2_D08	GM_65_B2_D08_T7
	6520	GM_65_B2_D09	GM_65_B2_D09_T7
	6521	GM_65_B2_D10	GM_65_B2_D10_T7
35	6522	GM_65_B2_D11	GM_65_B2_D11_T7
	6523	GM_65_B2_D12	GM_65_B2_D12_T7
	6524	GM_65_B2_E01	GM_65_B2_E01_T7
	6525	GM_65_B2_E02	GM_65_B2_E02_T7
	6526	GM_65_B2_E03	GM_65_B2_E03_T7
40	6527	GM_65_B2_E04	GM_65_B2_E04_T7
	6528	GM_65_B2_E05	GM_65_B2_E05_T7
	6529	GM_65_B2_E06	GM_65_B2_E06_T7
	6530	GM_65_B2_E07	GM_65_B2_E07_T7
	6531	GM_65_B2_E08	GM_65_B2_E08_T7
45	6532	GM_65_B2_E09	GM_65_B2_E09_T7
	6533	GM_65_B2_E10	GM_65_B2_E10_T7
	6534	GM_65_B2_E11	GM_65_B2_E11_T7
	6535	GM_65_B2_E12	GM_65_B2_E12_T7
	6536	GM_65_B2_F01	GM_65_B2_F01_T7
50	6537	GM_65_B2_F02	GM_65_B2_F02_T7
	6538	GM_65_B2_F03	GM_65_B2_F03_T7
	6539	GM_65_B2_F04	GM_65_B2_F04_T7
	6540	GM_65_B2_F05	GM_65_B2_F05_T7
	6541	GM_65_B2_F06	GM_65_B2_F06_T7
55	6542	GM_65_B2_F07	GM_65_B2_F07_T7

	6543	GM_65_B2_F08	GM_65_B2_F08_T7
	6544	GM_65_B2_F09	GM_65_B2_F09_T7
	6545	GM_65_B2_F10	GM_65_B2_F10_T7
	6546	GM_65_B2_F11	GM_65_B2_F11_T7
5	6547	GM_65_B2_F12	GM_65_B2_F12_T7
	6548	GM_65_B2_G01	GM_65_B2_G01_T7
	6549	GM_65_B2_G02	GM_65_B2_G02_T7
	6550	GM_65_B2_G03	GM_65_B2_G03_T7
	6551	GM_65_B2_G04	GM_65_B2_G04_T7
10	6552	GM_65_B2_G05	GM_65_B2_G05_T7
	6553	GM_65_B2_G07	GM_65_B2_G07_T7
	6554	GM_65_B2_G08	GM_65_B2_G08_T7
	6555	GM_65_B2_G09	GM_65_B2_G09_T7
	6556	GM_65_B2_G10	GM_65_B2_G10_T7
15	6557	GM_65_B2_G11	GM_65_B2_G11_T7
	6558	GM_65_B2_G12	GM_65_B2_G12_T7
	6559	GM_65_B2_H01	GM_65_B2_H01_T7
	6560	GM_65_B2_H02	GM_65_B2_H02_T7
	6561	GM_65_B2_H03	GM_65_B2_H03_T7
20	6562	GM_65_B2_H04	GM_65_B2_H04_T7
	6563	GM_65_B2_H05	GM_65_B2_H05_T7
	6564	GM_65_B2_H06	GM_65_B2_H06_T7
	6565	GM_65_B2_H07	GM_65_B2_H07_T7
	6566	GM_65_B2_H08	GM_65_B2_H08_T7
25	6567	GM_65_B2_H09	GM_65_B2_H09_T7
	6568	GM_65_B2_H10	GM_65_B2_H10_T7
	6569	GM_65_B2_H11	GM_65_B2_H11_T7
	6570	GM_65_B2_H12	GM_65_B2_H12_T7
30	6571	GM_66_A1_A01	GM_66_A1_A01_T7
	6572	GM_66_A1_A02	GM_66_A1_A02_T7
	6573	GM_66_A1_A03	GM_66_A1_A03_T7
	6574	GM_66_A1_A04	GM_66_A1_A04_T7
	6575	GM_66_A1_A05	GM_66_A1_A05_T7
	6576	GM_66_A1_A06	GM_66_A1_A06_T7
35	6577	GM_66_A1_A07	GM_66_A1_A07_T7
	6578	GM_66_A1_A08	GM_66_A1_A08_T7
	6579	GM_66_A1_A09	GM_66_A1_A09_T7
	6580	GM_66_A1_A10	GM_66_A1_A10_T7
	6581	GM_66_A1_A11	GM_66_A1_A11_T7
40	6582	GM_66_A1_A12	GM_66_A1_A12_T7
	6583	GM_66_A1_B01	GM_66_A1_B01_T7
	6584	GM_66_A1_B02	GM_66_A1_B02_T7
	6585	GM_66_A1_B03	GM_66_A1_B03_T7
	6586	GM_66_A1_B04	GM_66_A1_B04_T7
45	6587	GM_66_A1_B05	GM_66_A1_B05_T7
	6588	GM_66_A1_B06	GM_66_A1_B06_T7
	6589	GM_66_A1_B07	GM_66_A1_B07_T7
	6590	GM_66_A1_B08	GM_66_A1_B08_T7
	6591	GM_66_A1_B09	GM_66_A1_B09_T7
50	6592	GM_66_A1_B10	GM_66_A1_B10_T7
	6593	GM_66_A1_B11	GM_66_A1_B11_T7
	6594	GM_66_A1_B12	GM_66_A1_B12_T7
	6595	GM_66_A1_C01	GM_66_A1_C01_T7
	6596	GM_66_A1_C02	GM_66_A1_C02_T7
55	6597	GM_66_A1_C03	GM_66_A1_C03_T7

	6598	GM_66_A1_C04	GM_66_A1_C04_T7
	6599	GM_66_A1_C05	GM_66_A1_C05_T7
	6600	GM_66_A1_C06	GM_66_A1_C06_T7
	6601	GM_66_A1_C07	GM_66_A1_C07_T7
5	6602	GM_66_A1_C08	GM_66_A1_C08_T7
	6603	GM_66_A1_C09	GM_66_A1_C09_T7
	6604	GM_66_A1_C10	GM_66_A1_C10_T7
	6605	GM_66_A1_C11	GM_66_A1_C11_T7
	6606	GM_66_A1_C12	GM_66_A1_C12_T7
10	6607	GM_66_A1_D01	GM_66_A1_D01_T7
	6608	GM_66_A1_D02	GM_66_A1_D02_T7
	6609	GM_66_A1_D03	GM_66_A1_D03_T7
	6610	GM_66_A1_D04	GM_66_A1_D04_T7
	6611	GM_66_A1_D05	GM_66_A1_D05_T7
15	6612	GM_66_A1_D06	GM_66_A1_D06_T7
	6613	GM_66_A1_D07	GM_66_A1_D07_T7
	6614	GM_66_A1_D08	GM_66_A1_D08_T7
	6615	GM_66_A1_D09	GM_66_A1_D09_T7
	6616	GM_66_A1_D11	GM_66_A1_D11_T7
20	6617	GM_66_A1_D12	GM_66_A1_D12_T7
	6618	GM_66_A1_E01	GM_66_A1_E01_T7
	6619	GM_66_A1_E02	GM_66_A1_E02_T7
	6620	GM_66_A1_E03	GM_66_A1_E03_T7
	6621	GM_66_A1_E04	GM_66_A1_E04_T7
25	6622	GM_66_A1_E05	GM_66_A1_E05_T7
	6623	GM_66_A1_E06	GM_66_A1_E06_T7
	6624	GM_66_A1_E07	GM_66_A1_E07_T7
	6625	GM_66_A1_E08	GM_66_A1_E08_T7
	6626	GM_66_A1_E09	GM_66_A1_E09_T7
30	6627	GM_66_A1_E10	GM_66_A1_E10_T7
	6628	GM_66_A1_E11	GM_66_A1_E11_T7
	6629	GM_66_A1_E12	GM_66_A1_E12_T7
	6630	GM_66_A1_F01	GM_66_A1_F01_T7
	6631	GM_66_A1_F02	GM_66_A1_F02_T7
35	6632	GM_66_A1_F03	GM_66_A1_F03_T7
	6633	GM_66_A1_F04	GM_66_A1_F04_T7
	6634	GM_66_A1_F05	GM_66_A1_F05_T7
	6635	GM_66_A1_F06	GM_66_A1_F06_T7
	6636	GM_66_A1_F07	GM_66_A1_F07_T7
40	6637	GM_66_A1_F08	GM_66_A1_F08_T7
	6638	GM_66_A1_F09	GM_66_A1_F09_T7
	6639	GM_66_A1_F10	GM_66_A1_F10_T7
	6640	GM_66_A1_F11	GM_66_A1_F11_T7
	6641	GM_66_A1_F12	GM_66_A1_F12_T7
45	6642	GM_66_A1_G01	GM_66_A1_G01_T7
	6643	GM_66_A1_G02	GM_66_A1_G02_T7
	6644	GM_66_A1_G03	GM_66_A1_G03_T7
	6645	GM_66_A1_G04	GM_66_A1_G04_T7
	6646	GM_66_A1_G05	GM_66_A1_G05_T7
50	6647	GM_66_A1_G06	GM_66_A1_G06_T7
	6648	GM_66_A1_G07	GM_66_A1_G07_T7
	6649	GM_66_A1_G08	GM_66_A1_G08_T7
	6650	GM_66_A1_G09	GM_66_A1_G09_T7
	6651	GM_66_A1_G10	GM_66_A1_G10_T7
55	6652	GM_66_A1_G11	GM_66_A1_G11_T7

	6653	GM_66_A1_G12	GM_66_A1_G12_T7	
	6654	GM_66_A1_H01	GM_66_A1_H01_T7	
	6655	GM_66_A1_H02	GM_66_A1_H02_T7	
	6656	GM_66_A1_H03	GM_66_A1_H03_T7	
5	6657	GM_66_A1_H04	GM_66_A1_H04_T7	
	6658	GM_66_A1_H05	GM_66_A1_H05_T7	
	6659	GM_66_A1_H06	GM_66_A1_H06_T7	
	6660	GM_66_A1_H07	GM_66_A1_H07_T7	
	6661	GM_66_A1_H08	GM_66_A1_H08_T7	
10	6662	GM_66_A1_H09	GM_66_A1_H09_T7	
	6663	GM_66_A1_H10	GM_66_A1_H10_T7	
	6664	GM_66_A1_H11	GM_66_A1_H11_T7	
	6665	GM_66_A1_H12	GM_66_A1_H12_T7	
	6666	GM_66_A2_A01		GM_66_A2_A01_MR
15	6667	GM_66_A2_A02	GM_66_A2_A02_T7	
	6668	GM_66_A2_A02		GM_66_A2_A02_MR
	6669	GM_66_A2_A03	GM_66_A2_A03_T7	
	6670	GM_66_A2_A03		GM_66_A2_A03_MR
	6671	GM_66_A2_A04	GM_66_A2_A04_T7	
20	6672	GM_66_A2_A04		GM_66_A2_A04_MR
	6673	GM_66_A2_A05	GM_66_A2_A05_T7	
	6674	GM_66_A2_A05		GM_66_A2_A05_MR
	6675	GM_66_A2_A06	GM_66_A2_A06_T7	
	6676	GM_66_A2_A06		GM_66_A2_A06_MR
25	6677	GM_66_A2_A07	GM_66_A2_A07_T7	
	6678	GM_66_A2_A07		GM_66_A2_A07_MR
	6679	GM_66_A2_A08		GM_66_A2_A08_MR
	6680	GM_66_A2_A09	GM_66_A2_A09_T7	
	6681	GM_66_A2_A09		GM_66_A2_A09_MR
30	6682	GM_66_A2_A10	GM_66_A2_A10_T7	
	6683	GM_66_A2_A10		GM_66_A2_A10_MR
	6684	GM_66_A2_A11	GM_66_A2_A11_T7	
	6685	GM_66_A2_A11		GM_66_A2_A11_MR
	6686	GM_66_A2_A12	GM_66_A2_A12_T7	
35	6687	GM_66_A2_A12		GM_66_A2_A12_MR
	6688	GM_66_A2_B02	GM_66_A2_B02_T7	
	6689	GM_66_A2_B02		GM_66_A2_B02_MR
	6690	GM_66_A2_B03	GM_66_A2_B03_T7	
	6691	GM_66_A2_B03		GM_66_A2_B03_MR
40	6692	GM_66_A2_B04	GM_66_A2_B04_T7	
	6693	GM_66_A2_B04		GM_66_A2_B04_MR
	6694	GM_66_A2_B05		GM_66_A2_B05_MR
	6695	GM_66_A2_B06	GM_66_A2_B06_T7	
	6696	GM_66_A2_B06		GM_66_A2_B06_MR
45	6697	GM_66_A2_B07	GM_66_A2_B07_T7	
	6698	GM_66_A2_B07		GM_66_A2_B07_MR
	6699	GM_66_A2_B08	GM_66_A2_B08_T7	
	6700	GM_66_A2_B08		GM_66_A2_B08_MR
	6701	GM_66_A2_B09	GM_66_A2_B09_T7	
50	6702	GM_66_A2_B09		GM_66_A2_B09_MR
	6703	GM_66_A2_B10	GM_66_A2_B10_T7	
	6704	GM_66_A2_B10		GM_66_A2_B10_MR
	6705	GM_66_A2_B11	GM_66_A2_B11_T7	
	6706	GM_66_A2_B11		GM_66_A2_B11_MR
55	6707	GM_66_A2_B12	GM_66_A2_B12_T7	

	6708	GM_66_A2_B12		GM_66_A2_B12_MR
	6709	GM_66_A2_C01	GM_66_A2_C01_T7	
	6710	GM_66_A2_C01		GM_66_A2_C01_MR
	6711	GM_66_A2_C02	GM_66_A2_C02_T7	
5	6712	GM_66_A2_C02		GM_66_A2_C02_MR
	6713	GM_66_A2_C03	GM_66_A2_C03_T7	
	6714	GM_66_A2_C03		GM_66_A2_C03_MR
	6715	GM_66_A2_C04	GM_66_A2_C04_T7	
	6716	GM_66_A2_C04		GM_66_A2_C04_MR
10	6717	GM_66_A2_C05	GM_66_A2_C05_T7	
	6718	GM_66_A2_C05		GM_66_A2_C05_MR
	6719	GM_66_A2_C06	GM_66_A2_C06_T7	
	6720	GM_66_A2_C06		GM_66_A2_C06_MR
	6721	GM_66_A2_C07	GM_66_A2_C07_T7	
15	6722	GM_66_A2_C07		GM_66_A2_C07_MR
	6723	GM_66_A2_C08	GM_66_A2_C08_T7	
	6724	GM_66_A2_C08		GM_66_A2_C08_MR
	6725	GM_66_A2_C09	GM_66_A2_C09_T7	
	6726	GM_66_A2_C09		GM_66_A2_C09_MR
20	6727	GM_66_A2_C10	GM_66_A2_C10_T7	
	6728	GM_66_A2_C10		GM_66_A2_C10_MR
	6729	GM_66_A2_C11	GM_66_A2_C11_T7	
	6730	GM_66_A2_C11		GM_66_A2_C11_MR
	6731	GM_66_A2_C12	GM_66_A2_C12_T7	
25	6732	GM_66_A2_C12		GM_66_A2_C12_MR
	6733	GM_66_A2_D01	GM_66_A2_D01_T7	
	6734	GM_66_A2_D01		GM_66_A2_D01_MR
	6735	GM_66_A2_D02	GM_66_A2_D02_T7	
	6736	GM_66_A2_D02		GM_66_A2_D02_MR
30	6737	GM_66_A2_D03	GM_66_A2_D03_T7	
	6738	GM_66_A2_D03		GM_66_A2_D03_MR
	6739	GM_66_A2_D04	GM_66_A2_D04_T7	
	6740	GM_66_A2_D04		GM_66_A2_D04_MR
	6741	GM_66_A2_D05	GM_66_A2_D05_T7	
35	6742	GM_66_A2_D05		GM_66_A2_D05_MR
	6743	GM_66_A2_D06	GM_66_A2_D06_T7	
	6744	GM_66_A2_D06		GM_66_A2_D06_MR
	6745	GM_66_A2_D07		GM_66_A2_D07_MR
	6746	GM_66_A2_D08	GM_66_A2_D08_T7	
40	6747	GM_66_A2_D08		GM_66_A2_D08_MR
	6748	GM_66_A2_D09	GM_66_A2_D09_T7	
	6749	GM_66_A2_D09		GM_66_A2_D09_MR
	6750	GM_66_A2_D10	GM_66_A2_D10_T7	
	6751	GM_66_A2_D10		GM_66_A2_D10_MR
45	6752	GM_66_A2_D11	GM_66_A2_D11_T7	
	6753	GM_66_A2_D11		GM_66_A2_D11_MR
	6754	GM_66_A2_D12	GM_66_A2_D12_T7	
	6755	GM_66_A2_D12		GM_66_A2_D12_MR
	6756	GM_66_A2_E01	GM_66_A2_E01_T7	
50	6757	GM_66_A2_E01		GM_66_A2_E01_MR
	6758	GM_66_A2_E02	GM_66_A2_E02_T7	
	6759	GM_66_A2_E02		GM_66_A2_E02_MR
	6760	GM_66_A2_E03	GM_66_A2_E03_T7	
	6761	GM_66_A2_E03		GM_66_A2_E03_MR
55	6762	GM_66_A2_E04	GM_66_A2_E04_T7	

	6763	GM_66_A2_E04		GM_66_A2_E04_MR
	6764	GM_66_A2_E06	GM_66_A2_E06_T7	
	6765	GM_66_A2_E06		GM_66_A2_E06_MR
	6766	GM_66_A2_E07	GM_66_A2_E07_T7	
5	6767	GM_66_A2_E07		GM_66_A2_E07_MR
	6768	GM_66_A2_E08	GM_66_A2_E08_T7	
	6769	GM_66_A2_E08		GM_66_A2_E08_MR
	6770	GM_66_A2_E09	GM_66_A2_E09_T7	
	6771	GM_66_A2_E09		GM_66_A2_E09_MR
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	6773	GM_66_A2_E10		GM_66_A2_E10_MR
	6774	GM_66_A2_E11	GM_66_A2_E11_T7	
	6775	GM_66_A2_E11		GM_66_A2_E11_MR
	6776	GM_66_A2_E12	GM_66_A2_E12_T7	
15	6777	GM_66_A2_E12		GM_66_A2_E12_MR
	6778	GM_66_A2_F01	GM_66_A2_F01_T7	
	6779	GM_66_A2_F01		GM_66_A2_F01_MR
	6780	GM_66_A2_F02	GM_66_A2_F02_T7	
	6781	GM_66_A2_F02		GM_66_A2_F02_MR
20	6782	GM_66_A2_F03	GM_66_A2_F03_T7	
	6783	GM_66_A2_F03		GM_66_A2_F03_MR
	6784	GM_66_A2_F04	GM_66_A2_F04_T7	
	6785	GM_66_A2_F04		GM_66_A2_F04_MR
	6786	GM_66_A2_F05		GM_66_A2_F05_MR
25	6787	GM_66_A2_F06	GM_66_A2_F06_T7	
	6788	GM_66_A2_F06		GM_66_A2_F06_MR
	6789	GM_66_A2_F07	GM_66_A2_F07_T7	
	6790	GM_66_A2_F07		GM_66_A2_F07_MR
	6791	GM_66_A2_F08	GM_66_A2_F08_T7	
30	6792	GM_66_A2_F08		GM_66_A2_F08_MR
	6793	GM_66_A2_F09	GM_66_A2_F09_T7	
	6794	GM_66_A2_F09		GM_66_A2_F09_MR
	6795	GM_66_A2_F10	GM_66_A2_F10_T7	
	6796	GM_66_A2_F10		GM_66_A2_F10_MR
35	6797	GM_66_A2_F11	GM_66_A2_F11_T7	
	6798	GM_66_A2_F11		GM_66_A2_F11_MR
	6799	GM_66_A2_F12	GM_66_A2_F12_T7	
	6800	GM_66_A2_F12		GM_66_A2_F12_MR
	6801	GM_66_A2_G01	GM_66_A2_G01_T7	
40	6802	GM_66_A2_G01		GM_66_A2_G01_MR
	6803	GM_66_A2_G02	GM_66_A2_G02_T7	
	6804	GM_66_A2_G02		GM_66_A2_G02_MR
	6805	GM_66_A2_G03	GM_66_A2_G03_T7	
	6806	GM_66_A2_G03		GM_66_A2_G03_MR
45	6807	GM_66_A2_G04	GM_66_A2_G04_T7	
	6808	GM_66_A2_G04		GM_66_A2_G04_MR
	6809	GM_66_A2_G05	GM_66_A2_G05_T7	
	6810	GM_66_A2_G05		GM_66_A2_G05_MR
	6811	GM_66_A2_G06	GM_66_A2_G06_T7	
50	6812	GM_66_A2_G06		GM_66_A2_G06_MR
	6813	GM_66_A2_G07	GM_66_A2_G07_T7	
	6814	GM_66_A2_G07		GM_66_A2_G07_MR
	6815	GM_66_A2_G08	GM_66_A2_G08_T7	
	6816	GM_66_A2_G08		GM_66_A2_G08_MR
55	6817	GM_66_A2_G09	GM_66_A2_G09_T7	

	6818	GM_66_A2_G09		GM_66_A2_G09_MR
	6819	GM_66_A2_G10	GM_66_A2_G10_T7	
	6820	GM_66_A2_G10		GM_66_A2_G10_MR
	6821	GM_66_A2_G11	GM_66_A2_G11_T7	
5	6822	GM_66_A2_G11		GM_66_A2_G11_MR
	6823	GM_66_A2_G12	GM_66_A2_G12_T7	
	6824	GM_66_A2_G12		GM_66_A2_G12_MR
	6825	GM_66_A2_H01	GM_66_A2_H01_T7	
	6826	GM_66_A2_H01		GM_66_A2_H01_MR
10	6827	GM_66_A2_H02	GM_66_A2_H02_T7	
	6828	GM_66_A2_H02		GM_66_A2_H02_MR
	6829	GM_66_A2_H03	GM_66_A2_H03_T7	
	6830	GM_66_A2_H03		GM_66_A2_H03_MR
	6831	GM_66_A2_H04	GM_66_A2_H04_T7	
15	6832	GM_66_A2_H04		GM_66_A2_H04_MR
	6833	GM_66_A2_H05	GM_66_A2_H05_T7	
	6834	GM_66_A2_H05		GM_66_A2_H05_MR
	6835	GM_66_A2_H06	GM_66_A2_H06_T7	
	6836	GM_66_A2_H06		GM_66_A2_H06_MR
20	6837	GM_66_A2_H07	GM_66_A2_H07_T7	
	6838	GM_66_A2_H07		GM_66_A2_H07_MR
	6839	GM_66_A2_H08	GM_66_A2_H08_T7	
	6840	GM_66_A2_H08		GM_66_A2_H08_MR
	6841	GM_66_A2_H09	GM_66_A2_H09_T7	
25	6842	GM_66_A2_H09		GM_66_A2_H09_MR
	6843	GM_66_A2_H10	GM_66_A2_H10_T7	
	6844	GM_66_A2_H10		GM_66_A2_H10_MR
	6845	GM_66_A2_H11	GM_66_A2_H11_T7	
	6846	GM_66_A2_H11		GM_66_A2_H11_MR
30	6847	GM_66_A2_H12		GM_66_A2_H12_MR
	6848	GM_66_B1_A01	GM_66_B1_A01_T7	
	6849	GM_66_B1_A01		GM_66_B1_A01_MR
	6850	GM_66_B1_A03	GM_66_B1_A03_T7	
	6851	GM_66_B1_A03		GM_66_B1_A03_MR
35	6852	GM_66_B1_A04		GM_66_B1_A04_MR
	6853	GM_66_B1_A05	GM_66_B1_A05_T7	
	6854	GM_66_B1_A05		GM_66_B1_A05_MR
	6855	GM_66_B1_A06	GM_66_B1_A06_T7	
	6856	GM_66_B1_A06		GM_66_B1_A06_MR
40	6857	GM_66_B1_A07	GM_66_B1_A07_T7	
	6858	GM_66_B1_A07		GM_66_B1_A07_MR
	6859	GM_66_B1_A08	GM_66_B1_A08_T7	
	6860	GM_66_B1_A08		GM_66_B1_A08_MR
	6861	GM_66_B1_A09	GM_66_B1_A09_T7	
45	6862	GM_66_B1_A09		GM_66_B1_A09_MR
	6863	GM_66_B1_A10	GM_66_B1_A10_T7	
	6864	GM_66_B1_A10		GM_66_B1_A10_MR
	6865	GM_66_B1_A11	GM_66_B1_A11_T7	
	6866	GM_66_B1_A11		GM_66_B1_A11_MR
50	6867	GM_66_B1_A12	GM_66_B1_A12_T7	
	6868	GM_66_B1_A12		GM_66_B1_A12_MR
	6869	GM_66_B1_B01	GM_66_B1_B01_T7	
	6870	GM_66_B1_B01		GM_66_B1_B01_MR
	6871	GM_66_B1_B02	GM_66_B1_B02_T7	
55	6872	GM_66_B1_B02		GM_66_B1_B02_MR

	6873	GM_66_B1_B04	GM_66_B1_B04_T7	
	6874	GM_66_B1_B04		GM_66_B1_B04_MR
	6875	GM_66_B1_B05	GM_66_B1_B05_T7	
	6876	GM_66_B1_B06	GM_66_B1_B06_T7	
5	6877	GM_66_B1_B06		GM_66_B1_B06_MR
	6878	GM_66_B1_B07	GM_66_B1_B07_T7	
	6879	GM_66_B1_B07		GM_66_B1_B07_MR
	6880	GM_66_B1_B08	GM_66_B1_B08_T7	
	6881	GM_66_B1_B08		GM_66_B1_B08_MR
10	6882	GM_66_B1_B09	GM_66_B1_B09_T7	
	6883	GM_66_B1_B09		GM_66_B1_B09_MR
	6884	GM_66_B1_B10	GM_66_B1_B10_T7	
	6885	GM_66_B1_B10		GM_66_B1_B10_MR
	6886	GM_66_B1_B11	GM_66_B1_B11_T7	
15	6887	GM_66_B1_B11		GM_66_B1_B11_MR
	6888	GM_66_B1_B12	GM_66_B1_B12_T7	
	6889	GM_66_B1_B12		GM_66_B1_B12_MR
	6890	GM_66_B1_C01	GM_66_B1_C01_T7	
	6891	GM_66_B1_C01		GM_66_B1_C01_MR
20	6892	GM_66_B1_C02	GM_66_B1_C02_T7	
	6893	GM_66_B1_C02		GM_66_B1_C02_MR
	6894	GM_66_B1_C03	GM_66_B1_C03_T7	
	6895	GM_66_B1_C03		GM_66_B1_C03_MR
	6896	GM_66_B1_C04		GM_66_B1_C04_MR
25	6897	GM_66_B1_C05		GM_66_B1_C05_MR
	6898	GM_66_B1_C06	GM_66_B1_C06_T7	
	6899	GM_66_B1_C06		GM_66_B1_C06_MR
	6900	GM_66_B1_C07	GM_66_B1_C07_T7	
	6901	GM_66_B1_C07		GM_66_B1_C07_MR
30	6902	GM_66_B1_C08	GM_66_B1_C08_T7	
	6903	GM_66_B1_C08		GM_66_B1_C08_MR
	6904	GM_66_B1_C09	GM_66_B1_C09_T7	
	6905	GM_66_B1_C09		GM_66_B1_C09_MR
	6906	GM_66_B1_C10		GM_66_B1_C10_MR
35	6907	GM_66_B1_C11	GM_66_B1_C11_T7	
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	6909	GM_66_B1_C12	GM_66_B1_C12_T7	
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	6911	GM_66_B1_D01	GM_66_B1_D01_T7	
40	6912	GM_66_B1_D01		GM_66_B1_D01_MR
	6913	GM_66_B1_D02	GM_66_B1_D02_T7	
	6914	GM_66_B1_D02		GM_66_B1_D02_MR
	6915	GM_66_B1_D03	GM_66_B1_D03_T7	
	6916	GM_66_B1_D03		GM_66_B1_D03_MR
45	6917	GM_66_B1_D04	GM_66_B1_D04_T7	
	6918	GM_66_B1_D04		GM_66_B1_D04_MR
	6919	GM_66_B1_D05		GM_66_B1_D05_MR
	6920	GM_66_B1_D06		GM_66_B1_D06_MR
	6921	GM_66_B1_D07		GM_66_B1_D07_MR
50	6922	GM_66_B1_D08	GM_66_B1_D08_T7	
	6923	GM_66_B1_D08		GM_66_B1_D08_MR
	6924	GM_66_B1_D09	GM_66_B1_D09_T7	
	6925	GM_66_B1_D09		GM_66_B1_D09_MR
	6926	GM_66_B1_D11		GM_66_B1_D11_MR
55	6927	GM_66_B1_D12	GM_66_B1_D12_T7	

	6928	GM_66_B1_D12		GM_66_B1_D12_MR
	6929	GM_66_B1_E01	GM_66_B1_E01_T7	
	6930	GM_66_B1_E01		GM_66_B1_E01_MR
	6931	GM_66_B1_E02	GM_66_B1_E02_T7	
5	6932	GM_66_B1_E02		GM_66_B1_E02_MR
	6933	GM_66_B1_E03	GM_66_B1_E03_T7	
	6934	GM_66_B1_E03		GM_66_B1_E03_MR
	6935	GM_66_B1_E04	GM_66_B1_E04_T7	
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	6939	GM_66_B1_E06		GM_66_B1_E06_MR
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	6943	GM_66_B1_E08		GM_66_B1_E08_MR
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	6948	GM_66_B1_E11	GM_66_B1_E11_T7	
	6949	GM_66_B1_E11		GM_66_B1_E11_MR
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	6951	GM_66_B1_E12		GM_66_B1_E12_MR
25	6952	GM_66_B1_F01	GM_66_B1_F01_T7	
	6953	GM_66_B1_F01		GM_66_B1_F01_MR
	6954	GM_66_B1_F02	GM_66_B1_F02_T7	
	6955	GM_66_B1_F02		GM_66_B1_F02_MR
	6956	GM_66_B1_F03	GM_66_B1_F03_T7	
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	6959	GM_66_B1_F04		GM_66_B1_F04_MR
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	6968	GM_66_B1_F09	GM_66_B1_F09_T7	
	6969	GM_66_B1_F09		GM_66_B1_F09_MR
	6970	GM_66_B1_F10	GM_66_B1_F10_T7	
	6971	GM_66_B1_F10		GM_66_B1_F10_MR
45	6972	GM_66_B1_F11	GM_66_B1_F11_T7	
	6973	GM_66_B1_F11		GM_66_B1_F11_MR
	6974	GM_66_B1_F12	GM_66_B1_F12_T7	
	6975	GM_66_B1_F12		GM_66_B1_F12_MR
	6976	GM_66_B1_G01	GM_66_B1_G01_T7	
50	6977	GM_66_B1_G01		GM_66_B1_G01_MR
	6978	GM_66_B1_G02	GM_66_B1_G02_T7	
	6979	GM_66_B1_G02		GM_66_B1_G02_MR
	6980	GM_66_B1_G03	GM_66_B1_G03_T7	
	6981	GM_66_B1_G03		GM_66_B1_G03_MR
55	6982	GM_66_B1_G04	GM_66_B1_G04_T7	

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	6983	GM_66_B1_G04		GM_66_B1_G04_MR
	6984	GM_66_B1_G05	GM_66_B1_G05_T7	
	6985	GM_66_B1_G05		GM_66_B1_G05_MR
	6986	GM_66_B1_G06	GM_66_B1_G06_T7	
5	6987	GM_66_B1_G06		GM_66_B1_G06_MR
	6988	GM_66_B1_G07	GM_66_B1_G07_T7	
	6989	GM_66_B1_G07		GM_66_B1_G07_MR
	6990	GM_66_B1_G08	GM_66_B1_G08_T7	
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10	6992	GM_66_B1_G10		GM_66_B1_G10_MR
	6993	GM_66_B1_G11	GM_66_B1_G11_T7	
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	6995	GM_66_B1_H01	GM_66_B1_H01_T7	
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15	6997	GM_66_B1_H02	GM_66_B1_H02_T7	
	6998	GM_66_B1_H02		GM_66_B1_H02_MR
	6999	GM_66_B1_H03	GM_66_B1_H03_T7	
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	7003	GM_66_B1_H05	GM_66_B1_H05_T7	
	7004	GM_66_B1_H05		GM_66_B1_H05_MR
	7005	GM_66_B1_H06	GM_66_B1_H06_T7	
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25	7007	GM_66_B1_H07	GM_66_B1_H07_T7	
	7008	GM_66_B1_H07		GM_66_B1_H07_MR
	7009	GM_66_B1_H08	GM_66_B1_H08_T7	
	7010	GM_66_B1_H08		GM_66_B1_H08_MR
	7011	GM_66_B1_H09	GM_66_B1_H09_T7	
30	7012	GM_66_B1_H09		GM_66_B1_H09_MR
	7013	GM_66_B1_H10	GM_66_B1_H10_T7	
	7014	GM_66_B1_H10		GM_66_B1_H10_MR
	7015	GM_66_B1_H11		GM_66_B1_H11_MR
	7016	GM_66_B1_H12	GM_66_B1_H12_T7	
35	7017	GM_66_B1_H12		GM_66_B1_H12_MR
	7018	GM_66_B2_A01	GM_66_B2_A01_T7	
	7019	GM_66_B2_A01		GM_66_B2_A01_MR
	7020	GM_66_B2_A02	GM_66_B2_A02_T7	
	7021	GM_66_B2_A02		GM_66_B2_A02_MR
40	7022	GM_66_B2_A05		GM_66_B2_A05_MR
	7023	GM_66_B2_A06	GM_66_B2_A06_T7	
	7024	GM_66_B2_A06		GM_66_B2_A06_MR
	7025	GM_66_B2_A07		GM_66_B2_A07_MR
	7026	GM_66_B2_A08	GM_66_B2_A08_T7	
45	7027	GM_66_B2_A08		GM_66_B2_A08_MR
	7028	GM_66_B2_A09	GM_66_B2_A09_T7	
	7029	GM_66_B2_A09		GM_66_B2_A09_MR
	7030	GM_66_B2_A10	GM_66_B2_A10_T7	
	7031	GM_66_B2_A10		GM_66_B2_A10_MR
50	7032	GM_66_B2_A11	GM_66_B2_A11_T7	
	7033	GM_66_B2_A11		GM_66_B2_A11_MR
	7034	GM_66_B2_A12	GM_66_B2_A12_T7	
	7035	GM_66_B2_A12		GM_66_B2_A12_MR
	7036	GM_66_B2_B01	GM_66_B2_B01_T7	
55	7037	GM_66_B2_B01		GM_66_B2_B01_MR

	7038	GM_66_B2_B02		GM_66_B2_B02_MR
	7039	GM_66_B2_B03	GM_66_B2_B03_T7	
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	7041	GM_66_B2_B04	GM_66_B2_B04_T7	
5	7042	GM_66_B2_B04		GM_66_B2_B04_MR
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	7044	GM_66_B2_B05		GM_66_B2_B05_MR
	7045	GM_66_B2_B06	GM_66_B2_B06_T7	
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	7048	GM_66_B2_B08		GM_66_B2_B08_MR
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15	7052	GM_66_B2_B10		GM_66_B2_B10_MR
	7053	GM_66_B2_B11	GM_66_B2_B11_T7	
	7054	GM_66_B2_B11		GM_66_B2_B11_MR
	7055	GM_66_B2_B12	GM_66_B2_B12_T7	
	7056	GM_66_B2_B12		GM_66_B2_B12_MR
20	7057	GM_66_B2_C01	GM_66_B2_C01_T7	
	7058	GM_66_B2_C01		GM_66_B2_C01_MR
	7059	GM_66_B2_C02	GM_66_B2_C02_T7	
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	7061	GM_66_B2_C03		GM_66_B2_C03_MR
25	7062	GM_66_B2_C04	GM_66_B2_C04_T7	
	7063	GM_66_B2_C04		GM_66_B2_C04_MR
	7064	GM_66_B2_C05	GM_66_B2_C05_T7	
	7065	GM_66_B2_C05		GM_66_B2_C05_MR
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	7083	GM_66_B2_D03	GM_66_B2_D03_T7	
	7084	GM_66_B2_D03		GM_66_B2_D03_MR
	7085	GM_66_B2_D04	GM_66_B2_D04_T7	
	7086	GM_66_B2_D04		GM_66_B2_D04_MR
50	7087	GM_66_B2_D05		GM_66_B2_D05_MR
	7088	GM_66_B2_D06	GM_66_B2_D06_T7	
	7089	GM_66_B2_D06		GM_66_B2_D06_MR
	7090	GM_66_B2_D07		GM_66_B2_D07_MR
	7091	GM_66_B2_D08	GM_66_B2_D08_T7	
55	7092	GM_66_B2_D09	GM_66_B2_D09_T7	

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	7093	GM_66_B2_D09		GM_66_B2_D09_MR
	7094	GM_66_B2_D10	GM_66_B2_D10_T7	
	7095	GM_66_B2_D10		GM_66_B2_D10_MR
	7096	GM_66_B2_D11	GM_66_B2_D11_T7	
5	7097	GM_66_B2_D11		GM_66_B2_D11_MR
	7098	GM_66_B2_D12	GM_66_B2_D12_T7	
	7099	GM_66_B2_D12		GM_66_B2_D12_MR
	7100	GM_66_B2_E01	GM_66_B2_E01_T7	
	7101	GM_66_B2_E01		GM_66_B2_E01_MR
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	7104	GM_66_B2_E03		GM_66_B2_E03_MR
	7105	GM_66_B2_E04	GM_66_B2_E04_T7	
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15	7107	GM_66_B2_E05		GM_66_B2_E05_MR
	7108	GM_66_B2_E06	GM_66_B2_E06_T7	
	7109	GM_66_B2_E06		GM_66_B2_E06_MR
	7110	GM_66_B2_E07	GM_66_B2_E07_T7	
	7111	GM_66_B2_E07		GM_66_B2_E07_MR
20	7112	GM_66_B2_E08	GM_66_B2_E08_T7	
	7113	GM_66_B2_E08		GM_66_B2_E08_MR
	7114	GM_66_B2_E09	GM_66_B2_E09_T7	
	7115	GM_66_B2_E09		GM_66_B2_E09_MR
	7116	GM_66_B2_E10	GM_66_B2_E10_T7	
25	7117	GM_66_B2_E10		GM_66_B2_E10_MR
	7118	GM_66_B2_E11	GM_66_B2_E11_T7	
	7119	GM_66_B2_E11		GM_66_B2_E11_MR
	7120	GM_66_B2_E12	GM_66_B2_E12_T7	
	7121	GM_66_B2_E12		GM_66_B2_E12_MR
30	7122	GM_66_B2_F01	GM_66_B2_F01_T7	
	7123	GM_66_B2_F01		GM_66_B2_F01_MR
	7124	GM_66_B2_F02	GM_66_B2_F02_T7	
	7125	GM_66_B2_F02		GM_66_B2_F02_MR
	7126	GM_66_B2_F03	GM_66_B2_F03_T7	
35	7127	GM_66_B2_F03		GM_66_B2_F03_MR
	7128	GM_66_B2_F04	GM_66_B2_F04_T7	
	7129	GM_66_B2_F04		GM_66_B2_F04_MR
	7130	GM_66_B2_F05	GM_66_B2_F05_T7	
	7131	GM_66_B2_F05		GM_66_B2_F05_MR
40	7132	GM_66_B2_F06	GM_66_B2_F06_T7	
	7133	GM_66_B2_F06		GM_66_B2_F06_MR
	7134	GM_66_B2_F07	GM_66_B2_F07_T7	
	7135	GM_66_B2_F07		GM_66_B2_F07_MR
	7136	GM_66_B2_F08	GM_66_B2_F08_T7	
45	7137	GM_66_B2_F08		GM_66_B2_F08_MR
	7138	GM_66_B2_F09	GM_66_B2_F09_T7	
	7139	GM_66_B2_F09		GM_66_B2_F09_MR
	7140	GM_66_B2_F10	GM_66_B2_F10_T7	
	7141	GM_66_B2_F10		GM_66_B2_F10_MR
50	7142	GM_66_B2_F11	GM_66_B2_F11_T7	
	7143	GM_66_B2_F11		GM_66_B2_F11_MR
	7144	GM_66_B2_F12	GM_66_B2_F12_T7	
	7145	GM_66_B2_F12		GM_66_B2_F12_MR
	7146	GM_66_B2_G01	GM_66_B2_G01_T7	
55	7147	GM_66_B2_G01		GM_66_B2_G01_MR

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	7148	GM_66_B2_G02	GM_66_B2_G02_T7	
	7149	GM_66_B2_G02		GM_66_B2_G02_MR
	7150	GM_66_B2_G03	GM_66_B2_G03_T7	
	7151	GM_66_B2_G03		GM_66_B2_G03_MR
5	7152	GM_66_B2_G04	GM_66_B2_G04_T7	
	7153	GM_66_B2_G04		GM_66_B2_G04_MR
	7154	GM_66_B2_G05	GM_66_B2_G05_T7	
	7155	GM_66_B2_G05		GM_66_B2_G05_MR
	7156	GM_66_B2_G06		GM_66_B2_G06_MR
10	7157	GM_66_B2_G07		GM_66_B2_G07_MR
	7158	GM_66_B2_G08	GM_66_B2_G08_T7	
	7159	GM_66_B2_G08		GM_66_B2_G08_MR
	7160	GM_66_B2_G09	GM_66_B2_G09_T7	
	7161	GM_66_B2_G09		GM_66_B2_G09_MR
15	7162	GM_66_B2_G10	GM_66_B2_G10_T7	
	7163	GM_66_B2_G10		GM_66_B2_G10_MR
	7164	GM_66_B2_G11	GM_66_B2_G11_T7	
	7165	GM_66_B2_G11		GM_66_B2_G11_MR
	7166	GM_66_B2_G12	GM_66_B2_G12_T7	
20	7167	GM_66_B2_G12		GM_66_B2_G12_MR
	7168	GM_66_B2_H01	GM_66_B2_H01_T7	
	7169	GM_66_B2_H01		GM_66_B2_H01_MR
	7170	GM_66_B2_H02	GM_66_B2_H02_T7	
	7171	GM_66_B2_H02		GM_66_B2_H02_MR
25	7172	GM_66_B2_H03	GM_66_B2_H03_T7	
	7173	GM_66_B2_H03		GM_66_B2_H03_MR
	7174	GM_66_B2_H04	GM_66_B2_H04_T7	
	7175	GM_66_B2_H04		GM_66_B2_H04_MR
	7176	GM_66_B2_H05	GM_66_B2_H05_T7	
30	7177	GM_66_B2_H05		GM_66_B2_H05_MR
	7178	GM_66_B2_H06	GM_66_B2_H06_T7	
	7179	GM_66_B2_H06		GM_66_B2_H06_MR
	7180	GM_66_B2_H07	GM_66_B2_H07_T7	
	7181	GM_66_B2_H07		GM_66_B2_H07_MR
35	7182	GM_66_B2_H08	GM_66_B2_H08_T7	
	7183	GM_66_B2_H08		GM_66_B2_H08_MR
	7184	GM_66_B2_H09	GM_66_B2_H09_T7	
	7185	GM_66_B2_H09		GM_66_B2_H09_MR
	7186	GM_66_B2_H10	GM_66_B2_H10_T7	
40	7187	GM_66_B2_H10		GM_66_B2_H10_MR
	7188	GM_66_B2_H11	GM_66_B2_H11_T7	
	7189	GM_66_B2_H11		GM_66_B2_H11_MR
	7190	GM_66_B2_H12	GM_66_B2_H12_T7	
	7191	GM_66_B2_H12		GM_66_B2_H12_MR
45	7192	GM_67_A1_A01	GM_67_A1_A01_T7	
	7193	GM_67_A1_A02	GM_67_A1_A02_T7	
	7194	GM_67_A1_A03	GM_67_A1_A03_T7	
	7195	GM_67_A1_A04	GM_67_A1_A04_T7	
	7196	GM_67_A1_A05	GM_67_A1_A05_T7	
50	7197	GM_67_A1_A07	GM_67_A1_A07_T7	
	7198	GM_67_A1_A08	GM_67_A1_A08_T7	
	7199	GM_67_A1_A09	GM_67_A1_A09_T7	
	7200	GM_67_A1_A10	GM_67_A1_A10_T7	
	7201	GM_67_A1_A11	GM_67_A1_A11_T7	
55	7202	GM_67_A1_A12	GM_67_A1_A12_T7	

	7203	GM_67_A1_B01	GM_67_A1_B01_T7
	7204	GM_67_A1_B02	GM_67_A1_B02_T7
	7205	GM_67_A1_B03	GM_67_A1_B03_T7
	7206	GM_67_A1_B05	GM_67_A1_B05_T7
5	7207	GM_67_A1_B06	GM_67_A1_B06_T7
	7208	GM_67_A1_B07	GM_67_A1_B07_T7
	7209	GM_67_A1_B08	GM_67_A1_B08_T7
	7210	GM_67_A1_B09	GM_67_A1_B09_T7
	7211	GM_67_A1_B10	GM_67_A1_B10_T7
10	7212	GM_67_A1_B11	GM_67_A1_B11_T7
	7213	GM_67_A1_B12	GM_67_A1_B12_T7
	7214	GM_67_A1_C01	GM_67_A1_C01_T7
	7215	GM_67_A1_C02	GM_67_A1_C02_T7
	7216	GM_67_A1_C03	GM_67_A1_C03_T7
15	7217	GM_67_A1_C04	GM_67_A1_C04_T7
	7218	GM_67_A1_C05	GM_67_A1_C05_T7
	7219	GM_67_A1_C06	GM_67_A1_C06_T7
	7220	GM_67_A1_C07	GM_67_A1_C07_T7
	7221	GM_67_A1_C08	GM_67_A1_C08_T7
20	7222	GM_67_A1_C11	GM_67_A1_C11_T7
	7223	GM_67_A1_D02	GM_67_A1_D02_T7
	7224	GM_67_A1_D03	GM_67_A1_D03_T7
	7225	GM_67_A1_D04	GM_67_A1_D04_T7
	7226	GM_67_A1_D05	GM_67_A1_D05_T7
25	7227	GM_67_A1_D06	GM_67_A1_D06_T7
	7228	GM_67_A1_D07	GM_67_A1_D07_T7
	7229	GM_67_A1_D08	GM_67_A1_D08_T7
	7230	GM_67_A1_D09	GM_67_A1_D09_T7
	7231	GM_67_A1_D10	GM_67_A1_D10_T7
30	7232	GM_67_A1_D11	GM_67_A1_D11_T7
	7233	GM_67_A1_D12	GM_67_A1_D12_T7
	7234	GM_67_A1_E01	GM_67_A1_E01_T7
	7235	GM_67_A1_E02	GM_67_A1_E02_T7
	7236	GM_67_A1_E04	GM_67_A1_E04_T7
35	7237	GM_67_A1_E05	GM_67_A1_E05_T7
	7238	GM_67_A1_E07	GM_67_A1_E07_T7
	7239	GM_67_A1_E08	GM_67_A1_E08_T7
	7240	GM_67_A1_E09	GM_67_A1_E09_T7
	7241	GM_67_A1_E10	GM_67_A1_E10_T7
40	7242	GM_67_A1_E11	GM_67_A1_E11_T7
	7243	GM_67_A1_E12	GM_67_A1_E12_T7
	7244	GM_67_A1_F01	GM_67_A1_F01_T7
	7245	GM_67_A1_F02	GM_67_A1_F02_T7
	7246	GM_67_A1_F03	GM_67_A1_F03_T7
45	7247	GM_67_A1_F04	GM_67_A1_F04_T7
	7248	GM_67_A1_F06	GM_67_A1_F06_T7
	7249	GM_67_A1_F07	GM_67_A1_F07_T7
	7250	GM_67_A1_F08	GM_67_A1_F08_T7
	7251	GM_67_A1_F09	GM_67_A1_F09_T7
50	7252	GM_67_A1_F10	GM_67_A1_F10_T7
	7253	GM_67_A1_F11	GM_67_A1_F11_T7
	7254	GM_67_A1_F12	GM_67_A1_F12_T7
	7255	GM_67_A1_G02	GM_67_A1_G02_T7
	7256	GM_67_A1_G03	GM_67_A1_G03_T7
55	7257	GM_67_A1_G04	GM_67_A1_G04_T7

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	7258	GM_67_A1_G05	GM_67_A1_G05_T7	
	7259	GM_67_A1_G07	GM_67_A1_G07_T7	
	7260	GM_67_A1_G08	GM_67_A1_G08_T7	
	7261	GM_67_A1_G09	GM_67_A1_G09_T7	
5	7262	GM_67_A1_G10	GM_67_A1_G10_T7	
	7263	GM_67_A1_G12	GM_67_A1_G12_T7	
	7264	GM_67_A1_H01	GM_67_A1_H01_T7	
	7265	GM_67_A1_H02	GM_67_A1_H02_T7	
	7266	GM_67_A1_H03	GM_67_A1_H03_T7	
10	7267	GM_67_A1_H04	GM_67_A1_H04_T7	
	7268	GM_67_A1_H05	GM_67_A1_H05_T7	
	7269	GM_67_A1_H06	GM_67_A1_H06_T7	
	7270	GM_67_A1_H07	GM_67_A1_H07_T7	
	7271	GM_67_A1_H08	GM_67_A1_H08_T7	
15	7272	GM_67_A1_H09	GM_67_A1_H09_T7	
	7273	GM_67_A1_H10	GM_67_A1_H10_T7	
	7274	GM_67_A1_H12	GM_67_A1_H12_T7	
	7275	GM_67_A2_A01	GM_67_A2_A01_MR	
	7276	GM_67_A2_A02	GM_67_A2_A02_MR	
20	7277	GM_67_A2_A03	GM_67_A2_A03_MR	
	7278	GM_67_A2_A05	GM_67_A2_A05_MR	
	7279	GM_67_A2_A06	GM_67_A2_A06_MR	
	7280	GM_67_A2_A07	GM_67_A2_A07_MR	
	7281	GM_67_A2_A08	GM_67_A2_A08_MR	
25	7282	GM_67_A2_A09	GM_67_A2_A09_MR	
	7283	GM_67_A2_A10	GM_67_A2_A10_MR	
	7284	GM_67_A2_A11	GM_67_A2_A11_MR	
	7285	GM_67_A2_A12	GM_67_A2_A12_MR	
	7286	GM_67_A2_B01	GM_67_A2_B01_MR	
30	7287	GM_67_A2_B02	GM_67_A2_B02_MR	
	7288	GM_67_A2_B03	GM_67_A2_B03_MR	
	7289	GM_67_A2_B04	GM_67_A2_B04_MR	
	7290	GM_67_A2_B05	GM_67_A2_B05_MR	
	7291	GM_67_A2_B06	GM_67_A2_B06_MR	
35	7292	GM_67_A2_B07	GM_67_A2_B07_MR	
	7293	GM_67_A2_B08	GM_67_A2_B08_MR	
	7294	GM_67_A2_B09	GM_67_A2_B09_MR	
	7295	GM_67_A2_B10	GM_67_A2_B10_MR	
	7296	GM_67_A2_B11	GM_67_A2_B11_MR	
40	7297	GM_67_A2_B12	GM_67_A2_B12_MR	
	7298	GM_67_A2_C01	GM_67_A2_C01_MR	
	7299	GM_67_A2_C02	GM_67_A2_C02_MR	
	7300	GM_67_A2_C03	GM_67_A2_C03_MR	
	7301	GM_67_A2_C04	GM_67_A2_C04_MR	
45	7302	GM_67_A2_C05	GM_67_A2_C05_MR	
	7303	GM_67_A2_C06	GM_67_A2_C06_MR	
	7304	GM_67_A2_C07	GM_67_A2_C07_MR	
	7305	GM_67_A2_C08	GM_67_A2_C08_MR	
	7306	GM_67_A2_C09	GM_67_A2_C09_MR	
50	7307	GM_67_A2_C10	GM_67_A2_C10_MR	
	7308	GM_67_A2_C11	GM_67_A2_C11_MR	
	7309	GM_67_A2_C12	GM_67_A2_C12_MR	
	7310	GM_67_A2_D01	GM_67_A2_D01_MR	
	7311	GM_67_A2_D02	GM_67_A2_D02_MR	
55	7312	GM_67_A2_D03	GM_67_A2_D03_MR	

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	7313	GM_67_A2_D04	GM_67_A2_D04_MR
	7314	GM_67_A2_D05	GM_67_A2_D05_MR
	7315	GM_67_A2_D06	GM_67_A2_D06_MR
	7316	GM_67_A2_D07	GM_67_A2_D07_MR
5	7317	GM_67_A2_D08	GM_67_A2_D08_MR
	7318	GM_67_A2_D09	GM_67_A2_D09_MR
	7319	GM_67_A2_D10	GM_67_A2_D10_MR
	7320	GM_67_A2_D11	GM_67_A2_D11_MR
	7321	GM_67_A2_D12	GM_67_A2_D12_MR
10	7322	GM_67_A2_E01	GM_67_A2_E01_MR
	7323	GM_67_A2_E02	GM_67_A2_E02_MR
	7324	GM_67_A2_E03	GM_67_A2_E03_MR
	7325	GM_67_A2_E04	GM_67_A2_E04_MR
	7326	GM_67_A2_E05	GM_67_A2_E05_MR
15	7327	GM_67_A2_E06	GM_67_A2_E06_MR
	7328	GM_67_A2_E07	GM_67_A2_E07_MR
	7329	GM_67_A2_E08	GM_67_A2_E08_MR
	7330	GM_67_A2_E09	GM_67_A2_E09_MR
	7331	GM_67_A2_E10	GM_67_A2_E10_MR
20	7332	GM_67_A2_E11	GM_67_A2_E11_MR
	7333	GM_67_A2_E12	GM_67_A2_E12_MR
	7334	GM_67_A2_F01	GM_67_A2_F01_MR
	7335	GM_67_A2_F02	GM_67_A2_F02_MR
	7336	GM_67_A2_F03	GM_67_A2_F03_MR
25	7337	GM_67_A2_F04	GM_67_A2_F04_MR
	7338	GM_67_A2_F05	GM_67_A2_F05_MR
	7339	GM_67_A2_F06	GM_67_A2_F06_MR
	7340	GM_67_A2_F07	GM_67_A2_F07_MR
	7341	GM_67_A2_F08	GM_67_A2_F08_MR
30	7342	GM_67_A2_F09	GM_67_A2_F09_MR
	7343	GM_67_A2_F10	GM_67_A2_F10_MR
	7344	GM_67_A2_F11	GM_67_A2_F11_MR
	7345	GM_67_A2_F12	GM_67_A2_F12_MR
	7346	GM_67_A2_G01	GM_67_A2_G01_MR
35	7347	GM_67_A2_G02	GM_67_A2_G02_MR
	7348	GM_67_A2_G03	GM_67_A2_G03_MR
	7349	GM_67_A2_G04	GM_67_A2_G04_MR
	7350	GM_67_A2_G05	GM_67_A2_G05_MR
	7351	GM_67_A2_G06	GM_67_A2_G06_MR
40	7352	GM_67_A2_G07	GM_67_A2_G07_MR
	7353	GM_67_A2_G08	GM_67_A2_G08_MR
	7354	GM_67_A2_G09	GM_67_A2_G09_MR
	7355	GM_67_A2_G10	GM_67_A2_G10_MR
	7356	GM_67_A2_G11	GM_67_A2_G11_MR
45	7357	GM_67_A2_G12	GM_67_A2_G12_MR
	7358	GM_67_A2_H01	GM_67_A2_H01_MR
	7359	GM_67_A2_H02	GM_67_A2_H02_MR
	7360	GM_67_A2_H03	GM_67_A2_H03_MR
	7361	GM_67_A2_H04	GM_67_A2_H04_MR
50	7362	GM_67_A2_H05	GM_67_A2_H05_MR
	7363	GM_67_A2_H06	GM_67_A2_H06_MR
	7364	GM_67_A2_H07	GM_67_A2_H07_MR
	7365	GM_67_A2_H08	GM_67_A2_H08_MR
	7366	GM_67_A2_H09	GM_67_A2_H09_MR
55	7367	GM_67_A2_H10	GM_67_A2_H10_MR

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	7368	GM_67_A2_H11		GM_67_A2_H11_MR
	7369	GM_67_A2_H12		GM_67_A2_H12_MR
	7370	GM_67_B1_A02	GM_67_B1_A02_T7	
	7371	GM_67_B1_A02		GM_67_B1_A02_MR
5	7372	GM_67_B1_A03	GM_67_B1_A03_T7	
	7373	GM_67_B1_A04	GM_67_B1_A04_T7	
	7374	GM_67_B1_A04		GM_67_B1_A04_MR
	7375	GM_67_B1_A05	GM_67_B1_A05_T7	
	7376	GM_67_B1_A05		GM_67_B1_A05_MR
10	7377	GM_67_B1_A06	GM_67_B1_A06_T7	
	7378	GM_67_B1_A06		GM_67_B1_A06_MR
	7379	GM_67_B1_A07	GM_67_B1_A07_T7	
	7380	GM_67_B1_A07		GM_67_B1_A07_MR
	7381	GM_67_B1_A08	GM_67_B1_A08_T7	
15	7382	GM_67_B1_A08		GM_67_B1_A08_MR
	7383	GM_67_B1_A09	GM_67_B1_A09_T7	
	7384	GM_67_B1_A10	GM_67_B1_A10_T7	
	7385	GM_67_B1_A10		GM_67_B1_A10_MR
	7386	GM_67_B1_B01	GM_67_B1_B01_T7	
20	7387	GM_67_B1_B01		GM_67_B1_B01_MR
	7388	GM_67_B1_B02	GM_67_B1_B02_T7	
	7389	GM_67_B1_B02		GM_67_B1_B02_MR
	7390	GM_67_B1_B03	GM_67_B1_B03_T7	
	7391	GM_67_B1_B03		GM_67_B1_B03_MR
25	7392	GM_67_B1_B04	GM_67_B1_B04_T7	
	7393	GM_67_B1_B04		GM_67_B1_B04_MR
	7394	GM_67_B1_B05	GM_67_B1_B05_T7	
	7395	GM_67_B1_B05		GM_67_B1_B05_MR
	7396	GM_67_B1_B06	GM_67_B1_B06_T7	
30	7397	GM_67_B1_B07	GM_67_B1_B07_T7	
	7398	GM_67_B1_B07		GM_67_B1_B07_MR
	7399	GM_67_B1_B08	GM_67_B1_B08_T7	
	7400	GM_67_B1_B08		GM_67_B1_B08_MR
	7401	GM_67_B1_B09	GM_67_B1_B09_T7	
35	7402	GM_67_B1_B09		GM_67_B1_B09_MR
	7403	GM_67_B1_B10		GM_67_B1_B10_MR
	7404	GM_67_B1_B11	GM_67_B1_B11_T7	
	7405	GM_67_B1_B11		GM_67_B1_B11_MR
	7406	GM_67_B1_B12	GM_67_B1_B12_T7	
40	7407	GM_67_B1_C01	GM_67_B1_C01_T7	
	7408	GM_67_B1_C01		GM_67_B1_C01_MR
	7409	GM_67_B1_C02	GM_67_B1_C02_T7	
	7410	GM_67_B1_C02		GM_67_B1_C02_MR
	7411	GM_67_B1_C03		GM_67_B1_C03_MR
45	7412	GM_67_B1_C04	GM_67_B1_C04_T7	
	7413	GM_67_B1_C04		GM_67_B1_C04_MR
	7414	GM_67_B1_C05	GM_67_B1_C05_T7	
	7415	GM_67_B1_C05		GM_67_B1_C05_MR
	7416	GM_67_B1_C06	GM_67_B1_C06_T7	
50	7417	GM_67_B1_C07	GM_67_B1_C07_T7	
	7418	GM_67_B1_C07		GM_67_B1_C07_MR
	7419	GM_67_B1_C08	GM_67_B1_C08_T7	
	7420	GM_67_B1_C08		GM_67_B1_C08_MR
	7421	GM_67_B1_C09	GM_67_B1_C09_T7	
55	7422	GM_67_B1_C10	GM_67_B1_C10_T7	

	7478	GM_67_B1_F08		GM_67_B1_F08_MR
	7479	GM_67_B1_F09	GM_67_B1_F09_T7	
	7480	GM_67_B1_F09		GM_67_B1_F09_MR
	7481	GM_67_B1_F10	GM_67_B1_F10_T7	
5	7482	GM_67_B1_F10		GM_67_B1_F10_MR
	7483	GM_67_B1_F11	GM_67_B1_F11_T7	
	7484	GM_67_B1_G01	GM_67_B1_G01_T7	
	7485	GM_67_B1_G01		GM_67_B1_G01_MR
	7486	GM_67_B1_G02	GM_67_B1_G02_T7	
10	7487	GM_67_B1_G02		GM_67_B1_G02_MR
	7488	GM_67_B1_G03	GM_67_B1_G03_T7	
	7489	GM_67_B1_G03		GM_67_B1_G03_MR
	7490	GM_67_B1_G04	GM_67_B1_G04_T7	
	7491	GM_67_B1_G04		GM_67_B1_G04_MR
15	7492	GM_67_B1_G06	GM_67_B1_G06_T7	
	7493	GM_67_B1_G06		GM_67_B1_G06_MR
	7494	GM_67_B1_G07	GM_67_B1_G07_T7	
	7495	GM_67_B1_G07		GM_67_B1_G07_MR
	7496	GM_67_B1_G08	GM_67_B1_G08_T7	
20	7497	GM_67_B1_G08		GM_67_B1_G08_MR
	7498	GM_67_B1_G09	GM_67_B1_G09_T7	
	7499	GM_67_B1_G10	GM_67_B1_G10_T7	
	7500	GM_67_B1_G10		GM_67_B1_G10_MR
	7501	GM_67_B1_G11		GM_67_B1_G11_MR
25	7502	GM_67_B1_H03		GM_67_B1_H03_MR
	7503	GM_67_B1_H04	GM_67_B1_H04_T7	
	7504	GM_67_B1_H04		GM_67_B1_H04_MR
	7505	GM_67_B1_H06		GM_67_B1_H06_MR
	7506	GM_67_B1_H07	GM_67_B1_H07_T7	
30	7507	GM_67_B1_H07		GM_67_B1_H07_MR
	7508	GM_67_B1_H08	GM_67_B1_H08_T7	
	7509	GM_67_B1_H08		GM_67_B1_H08_MR
	7510	GM_67_B1_H12	GM_67_B1_H12_T7	
	7511	GM_67_B2_A01	GM_67_B2_A01_T7	
35	7512	GM_67_B2_A02	GM_67_B2_A02_T7	
	7513	GM_67_B2_A03	GM_67_B2_A03_T7	
	7514	GM_67_B2_A04	GM_67_B2_A04_T7	
	7515	GM_67_B2_A05	GM_67_B2_A05_T7	
	7516	GM_67_B2_A08	GM_67_B2_A08_T7	
40	7517	GM_67_B2_A10	GM_67_B2_A10_T7	
	7518	GM_67_B2_A11	GM_67_B2_A11_T7	
	7519	GM_67_B2_A12	GM_67_B2_A12_T7	
	7520	GM_67_B2_B01	GM_67_B2_B01_T7	
	7521	GM_67_B2_B04	GM_67_B2_B04_T7	
45	7522	GM_67_B2_B05	GM_67_B2_B05_T7	
	7523	GM_67_B2_B06	GM_67_B2_B06_T7	
	7524	GM_67_B2_B07	GM_67_B2_B07_T7	
	7525	GM_67_B2_B08	GM_67_B2_B08_T7	
	7526	GM_67_B2_B09	GM_67_B2_B09_T7	
50	7527	GM_67_B2_B10	GM_67_B2_B10_T7	
	7528	GM_67_B2_B12	GM_67_B2_B12_T7	
	7529	GM_67_B2_C02	GM_67_B2_C02_T7	
	7530	GM_67_B2_C03	GM_67_B2_C03_T7	
	7531	GM_67_B2_C04	GM_67_B2_C04_T7	
55	7532	GM_67_B2_C06	GM_67_B2_C06_T7	

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	7533	GM_67_B2_C07	GM_67_B2_C07_T7	
	7534	GM_67_B2_C09	GM_67_B2_C09_T7	
	7535	GM_67_B2_D01	GM_67_B2_D01_T7	
	7536	GM_67_B2_D03	GM_67_B2_D03_T7	
5	7537	GM_67_B2_D04	GM_67_B2_D04_T7	
	7538	GM_67_B2_D05	GM_67_B2_D05_T7	
	7539	GM_67_B2_D08	GM_67_B2_D08_T7	
	7540	GM_67_B2_D09	GM_67_B2_D09_T7	
	7541	GM_67_B2_D11	GM_67_B2_D11_T7	
10	7542	GM_67_B2_D12	GM_67_B2_D12_T7	
	7543	GM_67_B2_E01	GM_67_B2_E01_T7	
	7544	GM_67_B2_E02	GM_67_B2_E02_T7	
	7545	GM_67_B2_E03	GM_67_B2_E03_T7	
	7546	GM_67_B2_E04	GM_67_B2_E04_T7	
15	7547	GM_67_B2_E05	GM_67_B2_E05_T7	
	7548	GM_67_B2_E06	GM_67_B2_E06_T7	
	7549	GM_67_B2_E07	GM_67_B2_E07_T7	
	7550	GM_67_B2_E08	GM_67_B2_E08_T7	
	7551	GM_67_B2_E10	GM_67_B2_E10_T7	
20	7552	GM_67_B2_E11	GM_67_B2_E11_T7	
	7553	GM_67_B2_E12	GM_67_B2_E12_T7	
	7554	GM_67_B2_F02	GM_67_B2_F02_T7	
	7555	GM_67_B2_F04	GM_67_B2_F04_T7	
	7556	GM_67_B2_F06	GM_67_B2_F06_T7	
25	7557	GM_67_B2_F07	GM_67_B2_F07_T7	
	7558	GM_67_B2_F08	GM_67_B2_F08_T7	
	7559	GM_67_B2_F09	GM_67_B2_F09_T7	
	7560	GM_67_B2_F10	GM_67_B2_F10_T7	
	7561	GM_67_B2_F11	GM_67_B2_F11_T7	
30	7562	GM_67_B2_F12	GM_67_B2_F12_T7	
	7563	GM_67_B2_G01	GM_67_B2_G01_T7	
	7564	GM_67_B2_G02	GM_67_B2_G02_T7	
	7565	GM_67_B2_G05	GM_67_B2_G05_T7	
	7566	GM_67_B2_G08	GM_67_B2_G08_T7	
35	7567	GM_67_B2_G12	GM_67_B2_G12_T7	
	7568	GM_67_B2_H01	GM_67_B2_H01_T7	
	7569	GM_67_B2_H02	GM_67_B2_H02_T7	
	7570	GM_67_B2_H03	GM_67_B2_H03_T7	
	7571	GM_67_B2_H04	GM_67_B2_H04_T7	
40	7572	GM_67_B2_H05	GM_67_B2_H05_T7	
	7573	GM_68_A1_A02	GM_68_A1_A02_MR	
	7574	GM_68_A1_A03	GM_68_A1_A03_MR	
	7575	GM_68_A1_A04	GM_68_A1_A04_MR	
	7576	GM_68_A1_A05	GM_68_A1_A05_MR	
45	7577	GM_68_A1_A07	GM_68_A1_A07_MR	
	7578	GM_68_A1_A08	GM_68_A1_A08_MR	
	7579	GM_68_A1_A09	GM_68_A1_A09_MR	
	7580	GM_68_A1_A10	GM_68_A1_A10_MR	
	7581	GM_68_A1_B01	GM_68_A1_B01_MR	
50	7582	GM_68_A1_B02	GM_68_A1_B02_MR	
	7583	GM_68_A1_B03	GM_68_A1_B03_MR	
	7584	GM_68_A1_B04	GM_68_A1_B04_MR	
	7585	GM_68_A1_B05	GM_68_A1_B05_MR	
	7586	GM_68_A1_B06	GM_68_A1_B06_MR	
55	7587	GM_68_A1_B08	GM_68_A1_B08_MR	

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	7643	GM_68_A1_G09	GM_68_A1_G09_MR
	7644	GM_68_A1_G10	GM_68_A1_G10_MR
	7645	GM_68_A1_G11	GM_68_A1_G11_MR
	7646	GM_68_A1_G12	GM_68_A1_G12_MR
5	7647	GM_68_A1_H01	GM_68_A1_H01_MR
	7648	GM_68_A1_H02	GM_68_A1_H02_MR
	7649	GM_68_A1_H03	GM_68_A1_H03_MR
	7650	GM_68_A1_H04	GM_68_A1_H04_MR
	7651	GM_68_A1_H06	GM_68_A1_H06_MR
10	7652	GM_68_A1_H07	GM_68_A1_H07_MR
	7653	GM_68_A1_H08	GM_68_A1_H08_MR
	7654	GM_68_A1_H09	GM_68_A1_H09_MR
	7655	GM_68_A1_H10	GM_68_A1_H10_MR
	7656	GM_68_A1_H11	GM_68_A1_H11_MR
15	7657	GM_68_A1_H12	GM_68_A1_H12_MR
	7658	GM_68_B1_A01	GM_68_B1_A01_T7
	7659	GM_68_B1_A02	GM_68_B1_A02_T7
	7660	GM_68_B1_A03	GM_68_B1_A03_T7
	7661	GM_68_B1_A04	GM_68_B1_A04_T7
20	7662	GM_68_B1_A05	GM_68_B1_A05_T7
	7663	GM_68_B1_A06	GM_68_B1_A06_T7
	7664	GM_68_B1_A07	GM_68_B1_A07_T7
	7665	GM_68_B1_A08	GM_68_B1_A08_T7
	7666	GM_68_B1_A09	GM_68_B1_A09_T7
25	7667	GM_68_B1_A10	GM_68_B1_A10_T7
	7668	GM_68_B1_A11	GM_68_B1_A11_T7
	7669	GM_68_B1_A12	GM_68_B1_A12_T7
	7670	GM_68_B1_B01	GM_68_B1_B01_T7
	7671	GM_68_B1_B02	GM_68_B1_B02_T7
30	7672	GM_68_B1_B03	GM_68_B1_B03_T7
	7673	GM_68_B1_B04	GM_68_B1_B04_T7
	7674	GM_68_B1_B05	GM_68_B1_B05_T7
	7675	GM_68_B1_B06	GM_68_B1_B06_T7
	7676	GM_68_B1_B07	GM_68_B1_B07_T7
35	7677	GM_68_B1_B08	GM_68_B1_B08_T7
	7678	GM_68_B1_B09	GM_68_B1_B09_T7
	7679	GM_68_B1_B10	GM_68_B1_B10_T7
	7680	GM_68_B1_B11	GM_68_B1_B11_T7
	7681	GM_68_B1_B12	GM_68_B1_B12_T7
40	7682	GM_68_B1_C01	GM_68_B1_C01_T7
	7683	GM_68_B1_C02	GM_68_B1_C02_T7
	7684	GM_68_B1_C03	GM_68_B1_C03_T7
	7685	GM_68_B1_C04	GM_68_B1_C04_T7
	7686	GM_68_B1_C05	GM_68_B1_C05_T7
45	7687	GM_68_B1_C06	GM_68_B1_C06_T7
	7688	GM_68_B1_C07	GM_68_B1_C07_T7
	7689	GM_68_B1_C08	GM_68_B1_C08_T7
	7690	GM_68_B1_C09	GM_68_B1_C09_T7
	7691	GM_68_B1_C10	GM_68_B1_C10_T7
50	7692	GM_68_B1_C11	GM_68_B1_C11_T7
	7693	GM_68_B1_C12	GM_68_B1_C12_T7
	7694	GM_68_B1_E01	GM_68_B1_E01_T7
	7695	GM_68_B1_E02	GM_68_B1_E02_T7
	7696	GM_68_B1_E03	GM_68_B1_E03_T7
55	7697	GM_68_B1_E04	GM_68_B1_E04_T7

	7698	GM_68_B1_E05	GM_68_B1_E05_T7
	7699	GM_68_B1_E06	GM_68_B1_E06_T7
	7700	GM_68_B1_E07	GM_68_B1_E07_T7
	7701	GM_68_B1_E08	GM_68_B1_E08_T7
5	7702	GM_68_B1_E09	GM_68_B1_E09_T7
	7703	GM_68_B1_E10	GM_68_B1_E10_T7
	7704	GM_68_B1_E11	GM_68_B1_E11_T7
	7705	GM_68_B1_E12	GM_68_B1_E12_T7
	7706	GM_68_B1_F01	GM_68_B1_F01_T7
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	7708	GM_68_B1_F03	GM_68_B1_F03_T7
	7709	GM_68_B1_F04	GM_68_B1_F04_T7
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	7723	GM_68_B1_G06	GM_68_B1_G06_T7
	7724	GM_68_B1_G07	GM_68_B1_G07_T7
	7725	GM_68_B1_G08	GM_68_B1_G08_T7
	7726	GM_68_B1_G10	GM_68_B1_G10_T7
30	7727	GM_68_B1_G11	GM_68_B1_G11_T7
	7728	GM_68_B1_G12	GM_68_B1_G12_T7
	7729	GM_68_B1_H01	GM_68_B1_H01_T7
	7730	GM_68_B1_H10	GM_68_B1_H10_T7
	7731	GM_68_B1_H11	GM_68_B1_H11_T7
35	7732	GM_68_B1_H12	GM_68_B1_H12_T7
	7733	GM_68_B2_A01	GM_68_B2_A01_T7
	7734	GM_68_B2_A02	GM_68_B2_A02_T7
	7735	GM_68_B2_A03	GM_68_B2_A03_T7
	7736	GM_68_B2_A04	GM_68_B2_A04_T7
40	7737	GM_68_B2_A05	GM_68_B2_A05_T7
	7738	GM_68_B2_A06	GM_68_B2_A06_T7
	7739	GM_68_B2_A07	GM_68_B2_A07_T7
	7740	GM_68_B2_A08	GM_68_B2_A08_T7
	7741	GM_68_B2_A09	GM_68_B2_A09_T7
45	7742	GM_68_B2_A11	GM_68_B2_A11_T7
	7743	GM_68_B2_A12	GM_68_B2_A12_T7
	7744	GM_68_B2_B01	GM_68_B2_B01_T7
	7745	GM_68_B2_B03	GM_68_B2_B03_T7
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	7749	GM_68_B2_B07	GM_68_B2_B07_T7
	7750	GM_68_B2_B08	GM_68_B2_B08_T7
	7751	GM_68_B2_B09	GM_68_B2_B09_T7
55	7752	GM_68_B2_B10	GM_68_B2_B10_T7

	7753	GM_68_B2_B11	GM_68_B2_B11_T7
	7754	GM_68_B2_B12	GM_68_B2_B12_T7
	7755	GM_68_B2_C01	GM_68_B2_C01_T7
	7756	GM_68_B2_C02	GM_68_B2_C02_T7
5	7757	GM_68_B2_C03	GM_68_B2_C03_T7
	7758	GM_68_B2_C04	GM_68_B2_C04_T7
	7759	GM_68_B2_C05	GM_68_B2_C05_T7
	7760	GM_68_B2_C06	GM_68_B2_C06_T7
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	7763	GM_68_B2_C09	GM_68_B2_C09_T7
	7764	GM_68_B2_C10	GM_68_B2_C10_T7
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	7766	GM_68_B2_C12	GM_68_B2_C12_T7
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	7768	GM_68_B2_D06	GM_68_B2_D06_T7
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	7774	GM_68_B2_E03	GM_68_B2_E03_T7
	7775	GM_68_B2_E04	GM_68_B2_E04_T7
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	7781	GM_68_B2_E10	GM_68_B2_E10_T7
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	7783	GM_68_B2_E12	GM_68_B2_E12_T7
	7784	GM_68_B2_F01	GM_68_B2_F01_T7
	7785	GM_68_B2_F02	GM_68_B2_F02_T7
	7786	GM_68_B2_F03	GM_68_B2_F03_T7
35	7787	GM_68_B2_F04	GM_68_B2_F04_T7
	7788	GM_68_B2_F05	GM_68_B2_F05_T7
	7789	GM_68_B2_F07	GM_68_B2_F07_T7
	7790	GM_68_B2_F08	GM_68_B2_F08_T7
	7791	GM_68_B2_F09	GM_68_B2_F09_T7
40	7792	GM_68_B2_F10	GM_68_B2_F10_T7
	7793	GM_68_B2_G01	GM_68_B2_G01_T7
	7794	GM_68_B2_G02	GM_68_B2_G02_T7
	7795	GM_68_B2_G03	GM_68_B2_G03_T7
	7796	GM_68_B2_G04	GM_68_B2_G04_T7
45	7797	GM_68_B2_G05	GM_68_B2_G05_T7
	7798	GM_68_B2_G06	GM_68_B2_G06_T7
	7799	GM_68_B2_G07	GM_68_B2_G07_T7
	7800	GM_68_B2_G10	GM_68_B2_G10_T7
	7801	GM_68_B2_G11	GM_68_B2_G11_T7
50	7802	GM_68_B2_G12	GM_68_B2_G12_T7
	7803	GM_68_B2_H01	GM_68_B2_H01_T7
	7804	GM_68_B2_H02	GM_68_B2_H02_T7
	7805	GM_68_B2_H03	GM_68_B2_H03_T7
	7806	GM_68_B2_H04	GM_68_B2_H04_T7
55	7807	GM_68_B2_H05	GM_68_B2_H05_T7

	7808	GM_68_B2_H07	GM_68_B2_H07_T7
	7809	GM_68_B2_H08	GM_68_B2_H08_T7
	7810	GM_68_B2_H09	GM_68_B2_H09_T7
	7811	GM_68_B2_H10	GM_68_B2_H10_T7
5	7812	GM_68_B2_H11	GM_68_B2_H11_T7
	7813	GM_69_A1_A01	GM_69_A1_A01_T7
	7814	GM_69_A1_A02	GM_69_A1_A02_T7
	7815	GM_69_A1_A03	GM_69_A1_A03_T7
	7816	GM_69_A1_A04	GM_69_A1_A04_T7
10	7817	GM_69_A1_A05	GM_69_A1_A05_T7
	7818	GM_69_A1_A06	GM_69_A1_A06_T7
	7819	GM_69_A1_A07	GM_69_A1_A07_T7
	7820	GM_69_A1_A08	GM_69_A1_A08_T7
	7821	GM_69_A1_A09	GM_69_A1_A09_T7
15	7822	GM_69_A1_A10	GM_69_A1_A10_T7
	7823	GM_69_A1_A11	GM_69_A1_A11_T7
	7824	GM_69_A1_A12	GM_69_A1_A12_T7
	7825	GM_69_A1_B01	GM_69_A1_B01_T7
	7826	GM_69_A1_B02	GM_69_A1_B02_T7
20	7827	GM_69_A1_B04	GM_69_A1_B04_T7
	7828	GM_69_A1_B05	GM_69_A1_B05_T7
	7829	GM_69_A1_B06	GM_69_A1_B06_T7
	7830	GM_69_A1_B07	GM_69_A1_B07_T7
	7831	GM_69_A1_B08	GM_69_A1_B08_T7
25	7832	GM_69_A1_B09	GM_69_A1_B09_T7
	7833	GM_69_A1_B10	GM_69_A1_B10_T7
	7834	GM_69_A1_B11	GM_69_A1_B11_T7
	7835	GM_69_A1_B12	GM_69_A1_B12_T7
	7836	GM_69_A1_C01	GM_69_A1_C01_T7
30	7837	GM_69_A1_C02	GM_69_A1_C02_T7
	7838	GM_69_A1_C03	GM_69_A1_C03_T7
	7839	GM_69_A1_C04	GM_69_A1_C04_T7
	7840	GM_69_A1_C05	GM_69_A1_C05_T7
	7841	GM_69_A1_C06	GM_69_A1_C06_T7
35	7842	GM_69_A1_C07	GM_69_A1_C07_T7
	7843	GM_69_A1_C08	GM_69_A1_C08_T7
	7844	GM_69_A1_C10	GM_69_A1_C10_T7
	7845	GM_69_A1_C11	GM_69_A1_C11_T7
	7846	GM_69_A1_C12	GM_69_A1_C12_T7
40	7847	GM_69_A1_D01	GM_69_A1_D01_T7
	7848	GM_69_A1_D02	GM_69_A1_D02_T7
	7849	GM_69_A1_D03	GM_69_A1_D03_T7
	7850	GM_69_A1_D04	GM_69_A1_D04_T7
	7851	GM_69_A1_D05	GM_69_A1_D05_T7
45	7852	GM_69_A1_D06	GM_69_A1_D06_T7
	7853	GM_69_A1_D07	GM_69_A1_D07_T7
	7854	GM_69_A1_D08	GM_69_A1_D08_T7
	7855	GM_69_A1_D09	GM_69_A1_D09_T7
	7856	GM_69_A1_D10	GM_69_A1_D10_T7
50	7857	GM_69_A1_D11	GM_69_A1_D11_T7
	7858	GM_69_A1_D12	GM_69_A1_D12_T7
	7859	GM_69_A1_E01	GM_69_A1_E01_T7
	7860	GM_69_A1_E02	GM_69_A1_E02_T7
	7861	GM_69_A1_E03	GM_69_A1_E03_T7
55	7862	GM_69_A1_E04	GM_69_A1_E04_T7

	7863	GM_69_A1_E05	GM_69_A1_E05_T7	
	7864	GM_69_A1_E06	GM_69_A1_E06_T7	
	7865	GM_69_A1_E07	GM_69_A1_E07_T7	
	7866	GM_69_A1_E08	GM_69_A1_E08_T7	
5	7867	GM_69_A1_E09	GM_69_A1_E09_T7	
	7868	GM_69_A1_E10	GM_69_A1_E10_T7	
	7869	GM_69_A1_E11	GM_69_A1_E11_T7	
	7870	GM_69_A1_E12	GM_69_A1_E12_T7	
	7871	GM_69_A1_F01	GM_69_A1_F01_T7	
10	7872	GM_69_A1_F02	GM_69_A1_F02_T7	
	7873	GM_69_A1_F04	GM_69_A1_F04_T7	
	7874	GM_69_A1_F05	GM_69_A1_F05_T7	
	7875	GM_69_A1_F06	GM_69_A1_F06_T7	
	7876	GM_69_A1_F07	GM_69_A1_F07_T7	
15	7877	GM_69_A1_F08	GM_69_A1_F08_T7	
	7878	GM_69_A1_F09	GM_69_A1_F09_T7	
	7879	GM_69_A1_F10	GM_69_A1_F10_T7	
	7880	GM_69_A1_F11	GM_69_A1_F11_T7	
	7881	GM_69_A1_F12	GM_69_A1_F12_T7	
20	7882	GM_69_A1_G02	GM_69_A1_G02_T7	
	7883	GM_69_A1_G03	GM_69_A1_G03_T7	
	7884	GM_69_A1_G04	GM_69_A1_G04_T7	
	7885	GM_69_A1_G05	GM_69_A1_G05_T7	
	7886	GM_69_A1_G06	GM_69_A1_G06_T7	
25	7887	GM_69_A1_G07	GM_69_A1_G07_T7	
	7888	GM_69_A1_G08	GM_69_A1_G08_T7	
	7889	GM_69_A1_G09	GM_69_A1_G09_T7	
	7890	GM_69_A1_G10	GM_69_A1_G10_T7	
	7891	GM_69_A1_G11	GM_69_A1_G11_T7	
30	7892	GM_69_A1_G12	GM_69_A1_G12_T7	
	7893	GM_69_A1_H02	GM_69_A1_H02_T7	
	7894	GM_69_A1_H03	GM_69_A1_H03_T7	
	7895	GM_69_A1_H04	GM_69_A1_H04_T7	
	7896	GM_69_A1_H05	GM_69_A1_H05_T7	
35	7897	GM_69_A1_H07	GM_69_A1_H07_T7	
	7898	GM_69_A1_H08	GM_69_A1_H08_T7	
	7899	GM_69_A1_H09	GM_69_A1_H09_T7	
	7900	GM_69_A1_H10	GM_69_A1_H10_T7	
	7901	GM_69_A1_H11	GM_69_A1_H11_T7	
40	7902	GM_69_A1_H12	GM_69_A1_H12_T7	
	7903	GM_69_B1_A01	GM_69_B1_A01_T7	
	7904	GM_69_B1_A01	GM_69_B1_A01_MR	
	7905	GM_69_B1_A02	GM_69_B1_A02_T7	
	7906	GM_69_B1_A02	GM_69_B1_A02_MR	
45	7907	GM_69_B1_A03	GM_69_B1_A03_T7	
	7908	GM_69_B1_A03	GM_69_B1_A03_MR	
	7909	GM_69_B1_A04	GM_69_B1_A04_T7	
	7910	GM_69_B1_A04	GM_69_B1_A04_MR	
	7911	GM_69_B1_A05	GM_69_B1_A05_T7	
50	7912	GM_69_B1_A05	GM_69_B1_A05_MR	
	7913	GM_69_B1_A06	GM_69_B1_A06_T7	
	7914	GM_69_B1_A06	GM_69_B1_A06_MR	
	7915	GM_69_B1_A07	GM_69_B1_A07_T7	
	7916	GM_69_B1_A07	GM_69_B1_A07_MR	
55	7917	GM_69_B1_A08	GM_69_B1_A08_MR	

	7918	GM_69_B1_A09	GM_69_B1_A09_T7	
	7919	GM_69_B1_A09		GM_69_B1_A09_MR
	7920	GM_69_B1_A10	GM_69_B1_A10_T7	
	7921	GM_69_B1_A10		GM_69_B1_A10_MR
5	7922	GM_69_B1_A11		GM_69_B1_A11_MR
	7923	GM_69_B1_A12	GM_69_B1_A12_T7	
	7924	GM_69_B1_A12		GM_69_B1_A12_MR
	7925	GM_69_B1_B01		GM_69_B1_B01_MR
	7926	GM_69_B1_B02	GM_69_B1_B02_T7	
10	7927	GM_69_B1_B02		GM_69_B1_B02_MR
	7928	GM_69_B1_B03	GM_69_B1_B03_T7	
	7929	GM_69_B1_B03		GM_69_B1_B03_MR
	7930	GM_69_B1_B06	GM_69_B1_B06_T7	
	7931	GM_69_B1_B06		GM_69_B1_B06_MR
15	7932	GM_69_B1_B07	GM_69_B1_B07_T7	
	7933	GM_69_B1_B07		GM_69_B1_B07_MR
	7934	GM_69_B1_B08	GM_69_B1_B08_T7	
	7935	GM_69_B1_B08		GM_69_B1_B08_MR
	7936	GM_69_B1_B09	GM_69_B1_B09_T7	
20	7937	GM_69_B1_B09		GM_69_B1_B09_MR
	7938	GM_69_B1_B10	GM_69_B1_B10_T7	
	7939	GM_69_B1_B10		GM_69_B1_B10_MR
	7940	GM_69_B1_B11		GM_69_B1_B11_MR
	7941	GM_69_B1_B12		GM_69_B1_B12_MR
25	7942	GM_69_B1_C01	GM_69_B1_C01_T7	
	7943	GM_69_B1_C01		GM_69_B1_C01_MR
	7944	GM_69_B1_C02	GM_69_B1_C02_T7	
	7945	GM_69_B1_C02		GM_69_B1_C02_MR
	7946	GM_69_B1_C03	GM_69_B1_C03_T7	
30	7947	GM_69_B1_C03		GM_69_B1_C03_MR
	7948	GM_69_B1_C04	GM_69_B1_C04_T7	
	7949	GM_69_B1_C04		GM_69_B1_C04_MR
	7950	GM_69_B1_C05	GM_69_B1_C05_T7	
	7951	GM_69_B1_C05		GM_69_B1_C05_MR
35	7952	GM_69_B1_C06	GM_69_B1_C06_T7	
	7953	GM_69_B1_C06		GM_69_B1_C06_MR
	7954	GM_69_B1_C07		GM_69_B1_C07_MR
	7955	GM_69_B1_C08		GM_69_B1_C08_MR
	7956	GM_69_B1_C09		GM_69_B1_C09_MR
40	7957	GM_69_B1_C10	GM_69_B1_C10_T7	
	7958	GM_69_B1_C10		GM_69_B1_C10_MR
	7959	GM_69_B1_C11	GM_69_B1_C11_T7	
	7960	GM_69_B1_C11		GM_69_B1_C11_MR
	7961	GM_69_B1_C12	GM_69_B1_C12_T7	
45	7962	GM_69_B1_C12		GM_69_B1_C12_MR
	7963	GM_69_B1_D01	GM_69_B1_D01_T7	
	7964	GM_69_B1_D01		GM_69_B1_D01_MR
	7965	GM_69_B1_D02	GM_69_B1_D02_T7	
	7966	GM_69_B1_D02		GM_69_B1_D02_MR
50	7967	GM_69_B1_D03	GM_69_B1_D03_T7	
	7968	GM_69_B1_D03		GM_69_B1_D03_MR
	7969	GM_69_B1_D04	GM_69_B1_D04_T7	
	7970	GM_69_B1_D04		GM_69_B1_D04_MR
	7971	GM_69_B1_D05	GM_69_B1_D05_T7	
55	7972	GM_69_B1_D05		GM_69_B1_D05_MR

	7973	GM_69_B1_D06	GM_69_B1_D06_T7	
	7974	GM_69_B1_D06		GM_69_B1_D06_MR
	7975	GM_69_B1_D07	GM_69_B1_D07_T7	
	7976	GM_69_B1_D08		GM_69_B1_D08_MR
5	7977	GM_69_B1_D09	GM_69_B1_D09_T7	
	7978	GM_69_B1_D09		GM_69_B1_D09_MR
	7979	GM_69_B1_D10	GM_69_B1_D10_T7	
	7980	GM_69_B1_D10		GM_69_B1_D10_MR
	7981	GM_69_B1_D11		GM_69_B1_D11_MR
10	7982	GM_69_B1_D12	GM_69_B1_D12_T7	
	7983	GM_69_B1_D12		GM_69_B1_D12_MR
	7984	GM_69_B1_E01	GM_69_B1_E01_T7	
	7985	GM_69_B1_E01		GM_69_B1_E01_MR
	7986	GM_69_B1_E02	GM_69_B1_E02_T7	
15	7987	GM_69_B1_E02		GM_69_B1_E02_MR
	7988	GM_69_B1_E03	GM_69_B1_E03_T7	
	7989	GM_69_B1_E03		GM_69_B1_E03_MR
	7990	GM_69_B1_E04	GM_69_B1_E04_T7	
	7991	GM_69_B1_E04		GM_69_B1_E04_MR
20	7992	GM_69_B1_E05	GM_69_B1_E05_T7	
	7993	GM_69_B1_E05		GM_69_B1_E05_MR
	7994	GM_69_B1_E06	GM_69_B1_E06_T7	
	7995	GM_69_B1_E06		GM_69_B1_E06_MR
	7996	GM_69_B1_E07	GM_69_B1_E07_T7	
25	7997	GM_69_B1_E07		GM_69_B1_E07_MR
	7998	GM_69_B1_E08	GM_69_B1_E08_T7	
	7999	GM_69_B1_E08		GM_69_B1_E08_MR
	8000	GM_69_B1_E09	GM_69_B1_E09_T7	
	8001	GM_69_B1_E09		GM_69_B1_E09_MR
30	8002	GM_69_B1_E10	GM_69_B1_E10_T7	
	8003	GM_69_B1_E10		GM_69_B1_E10_MR
	8004	GM_69_B1_E11		GM_69_B1_E11_MR
	8005	GM_69_B1_E12	GM_69_B1_E12_T7	
	8006	GM_69_B1_E12		GM_69_B1_E12_MR
35	8007	GM_69_B1_F01		GM_69_B1_F01_MR
	8008	GM_69_B1_F02	GM_69_B1_F02_T7	
	8009	GM_69_B1_F02		GM_69_B1_F02_MR
	8010	GM_69_B1_F03	GM_69_B1_F03_T7	
	8011	GM_69_B1_F03		GM_69_B1_F03_MR
40	8012	GM_69_B1_F04	GM_69_B1_F04_T7	
	8013	GM_69_B1_F04		GM_69_B1_F04_MR
	8014	GM_69_B1_F05	GM_69_B1_F05_T7	
	8015	GM_69_B1_F05		GM_69_B1_F05_MR
	8016	GM_69_B1_F06	GM_69_B1_F06_T7	
45	8017	GM_69_B1_F06		GM_69_B1_F06_MR
	8018	GM_69_B1_F08	GM_69_B1_F08_T7	
	8019	GM_69_B1_F08		GM_69_B1_F08_MR
	8020	GM_69_B1_F09	GM_69_B1_F09_T7	
	8021	GM_69_B1_F09		GM_69_B1_F09_MR
50	8022	GM_69_B1_F10	GM_69_B1_F10_T7	
	8023	GM_69_B1_F10		GM_69_B1_F10_MR
	8024	GM_69_B1_F11	GM_69_B1_F11_T7	
	8025	GM_69_B1_F11		GM_69_B1_F11_MR
	8026	GM_69_B1_F12	GM_69_B1_F12_T7	
55	8027	GM_69_B1_F12		GM_69_B1_F12_MR

	8028	GM_69_B1_G01	GM_69_B1_G01_T7	
	8029	GM_69_B1_G01		GM_69_B1_G01_MR
	8030	GM_69_B1_G02		GM_69_B1_G02_MR
	8031	GM_69_B1_G03	GM_69_B1_G03_T7	
5	8032	GM_69_B1_G03		GM_69_B1_G03_MR
	8033	GM_69_B1_G04	GM_69_B1_G04_T7	
	8034	GM_69_B1_G04		GM_69_B1_G04_MR
	8035	GM_69_B1_G05	GM_69_B1_G05_T7	
	8036	GM_69_B1_G05		GM_69_B1_G05_MR
10	8037	GM_69_B1_G06	GM_69_B1_G06_T7	
	8038	GM_69_B1_G06		GM_69_B1_G06_MR
	8039	GM_69_B1_G07	GM_69_B1_G07_T7	
	8040	GM_69_B1_G07		GM_69_B1_G07_MR
	8041	GM_69_B1_G08	GM_69_B1_G08_T7	
15	8042	GM_69_B1_G08		GM_69_B1_G08_MR
	8043	GM_69_B1_G09	GM_69_B1_G09_T7	
	8044	GM_69_B1_G09		GM_69_B1_G09_MR
	8045	GM_69_B1_G10	GM_69_B1_G10_T7	
	8046	GM_69_B1_G10		GM_69_B1_G10_MR
20	8047	GM_69_B1_G11		GM_69_B1_G11_MR
	8048	GM_69_B1_H01		GM_69_B1_H01_MR
	8049	GM_69_B1_H02		GM_69_B1_H02_MR
	8050	GM_69_B1_H03		GM_69_B1_H03_MR
	8051	GM_69_B1_H04		GM_69_B1_H04_MR
25	8052	GM_69_B1_H05	GM_69_B1_H05_T7	
	8053	GM_69_B1_H05		GM_69_B1_H05_MR
	8054	GM_69_B1_H06	GM_69_B1_H06_T7	
	8055	GM_69_B1_H06		GM_69_B1_H06_MR
	8056	GM_69_B1_H07	GM_69_B1_H07_T7	
30	8057	GM_69_B1_H07		GM_69_B1_H07_MR
	8058	GM_69_B1_H08	GM_69_B1_H08_T7	
	8059	GM_69_B1_H08		GM_69_B1_H08_MR
	8060	GM_69_B1_H10		GM_69_B1_H10_MR
	8061	GM_69_B1_H11		GM_69_B1_H11_MR
35	8062	GM_69_B1_H12		GM_69_B1_H12_MR
	8063	GM_70_A1_A02	GM_70_A1_A02_T7	
	8064	GM_70_A1_A02		GM_70_A1_A02_MR
	8065	GM_70_A1_A03	GM_70_A1_A03_T7	
	8066	GM_70_A1_A03		GM_70_A1_A03_MR
40	8067	GM_70_A1_A04	GM_70_A1_A04_T7	
	8068	GM_70_A1_A04		GM_70_A1_A04_MR
	8069	GM_70_A1_A06	GM_70_A1_A06_T7	
	8070	GM_70_A1_A06		GM_70_A1_A06_MR
	8071	GM_70_A1_A07	GM_70_A1_A07_T7	
45	8072	GM_70_A1_A07		GM_70_A1_A07_MR
	8073	GM_70_A1_A08	GM_70_A1_A08_T7	
	8074	GM_70_A1_A08		GM_70_A1_A08_MR
	8075	GM_70_A1_A09	GM_70_A1_A09_T7	
	8076	GM_70_A1_A09		GM_70_A1_A09_MR
50	8077	GM_70_A1_A10	GM_70_A1_A10_T7	
	8078	GM_70_A1_A10		GM_70_A1_A10_MR
	8079	GM_70_A1_A11	GM_70_A1_A11_T7	
	8080	GM_70_A1_A11		GM_70_A1_A11_MR
	8081	GM_70_A1_A12	GM_70_A1_A12_T7	
55	8082	GM_70_A1_A12		GM_70_A1_A12_MR

	8083	GM_70_A1_B01	GM_70_A1_B01_T7	
	8084	GM_70_A1_B01		GM_70_A1_B01_MR
	8085	GM_70_A1_B02	GM_70_A1_B02_T7	
	8086	GM_70_A1_B02		GM_70_A1_B02_MR
5	8087	GM_70_A1_B03	GM_70_A1_B03_T7	
	8088	GM_70_A1_B03		GM_70_A1_B03_MR
	8089	GM_70_A1_B04	GM_70_A1_B04_T7	
	8090	GM_70_A1_B04		GM_70_A1_B04_MR
	8091	GM_70_A1_B05	GM_70_A1_B05_T7	
10	8092	GM_70_A1_B05		GM_70_A1_B05_MR
	8093	GM_70_A1_B06	GM_70_A1_B06_T7	
	8094	GM_70_A1_B06		GM_70_A1_B06_MR
	8095	GM_70_A1_B07	GM_70_A1_B07_T7	
	8096	GM_70_A1_B07		GM_70_A1_B07_MR
15	8097	GM_70_A1_B08	GM_70_A1_B08_T7	
	8098	GM_70_A1_B08		GM_70_A1_B08_MR
	8099	GM_70_A1_B09	GM_70_A1_B09_T7	
	8100	GM_70_A1_B09		GM_70_A1_B09_MR
	8101	GM_70_A1_B10	GM_70_A1_B10_T7	
20	8102	GM_70_A1_B10		GM_70_A1_B10_MR
	8103	GM_70_A1_B11	GM_70_A1_B11_T7	
	8104	GM_70_A1_B11		GM_70_A1_B11_MR
	8105	GM_70_A1_B12	GM_70_A1_B12_T7	
	8106	GM_70_A1_B12		GM_70_A1_B12_MR
25	8107	GM_70_A1_C01	GM_70_A1_C01_T7	
	8108	GM_70_A1_C01		GM_70_A1_C01_MR
	8109	GM_70_A1_C02		GM_70_A1_C02_MR
	8110	GM_70_A1_C03	GM_70_A1_C03_T7	
	8111	GM_70_A1_C03		GM_70_A1_C03_MR
30	8112	GM_70_A1_C04	GM_70_A1_C04_T7	
	8113	GM_70_A1_C04		GM_70_A1_C04_MR
	8114	GM_70_A1_C05	GM_70_A1_C05_T7	
	8115	GM_70_A1_C05		GM_70_A1_C05_MR
	8116	GM_70_A1_C06	GM_70_A1_C06_T7	
35	8117	GM_70_A1_C06		GM_70_A1_C06_MR
	8118	GM_70_A1_C07	GM_70_A1_C07_T7	
	8119	GM_70_A1_C07		GM_70_A1_C07_MR
	8120	GM_70_A1_C08	GM_70_A1_C08_T7	
	8121	GM_70_A1_C08		GM_70_A1_C08_MR
40	8122	GM_70_A1_C09	GM_70_A1_C09_T7	
	8123	GM_70_A1_C09		GM_70_A1_C09_MR
	8124	GM_70_A1_C10	GM_70_A1_C10_T7	
	8125	GM_70_A1_C10		GM_70_A1_C10_MR
	8126	GM_70_A1_C11	GM_70_A1_C11_T7	
45	8127	GM_70_A1_C11		GM_70_A1_C11_MR
	8128	GM_70_A1_C12	GM_70_A1_C12_T7	
	8129	GM_70_A1_C12		GM_70_A1_C12_MR
	8130	GM_70_A1_D01	GM_70_A1_D01_T7	
	8131	GM_70_A1_D01		GM_70_A1_D01_MR
50	8132	GM_70_A1_D02	GM_70_A1_D02_T7	
	8133	GM_70_A1_D02		GM_70_A1_D02_MR
	8134	GM_70_A1_D03	GM_70_A1_D03_T7	
	8135	GM_70_A1_D03		GM_70_A1_D03_MR
	8136	GM_70_A1_D04	GM_70_A1_D04_T7	
55	8137	GM_70_A1_D04		GM_70_A1_D04_MR

	8138	GM_70_A1_D05	GM_70_A1_D05_T7	
	8139	GM_70_A1_D05		GM_70_A1_D05_MR
	8140	GM_70_A1_D06	GM_70_A1_D06_T7	
	8141	GM_70_A1_D06		GM_70_A1_D06_MR
5	8142	GM_70_A1_D07	GM_70_A1_D07_T7	
	8143	GM_70_A1_D07		GM_70_A1_D07_MR
	8144	GM_70_A1_D08	GM_70_A1_D08_T7	
	8145	GM_70_A1_D08		GM_70_A1_D08_MR
	8146	GM_70_A1_D09	GM_70_A1_D09_T7	
10	8147	GM_70_A1_D09		GM_70_A1_D09_MR
	8148	GM_70_A1_D10	GM_70_A1_D10_T7	
	8149	GM_70_A1_D10		GM_70_A1_D10_MR
	8150	GM_70_A1_D11	GM_70_A1_D11_T7	
	8151	GM_70_A1_D11		GM_70_A1_D11_MR
15	8152	GM_70_A1_D12	GM_70_A1_D12_T7	
	8153	GM_70_A1_D12		GM_70_A1_D12_MR
	8154	GM_70_A1_E01	GM_70_A1_E01_T7	
	8155	GM_70_A1_E02	GM_70_A1_E02_T7	
	8156	GM_70_A1_E02		GM_70_A1_E02_MR
20	8157	GM_70_A1_E03	GM_70_A1_E03_T7	
	8158	GM_70_A1_E03		GM_70_A1_E03_MR
	8159	GM_70_A1_E04	GM_70_A1_E04_T7	
	8160	GM_70_A1_E04		GM_70_A1_E04_MR
	8161	GM_70_A1_E05	GM_70_A1_E05_T7	
25	8162	GM_70_A1_E05		GM_70_A1_E05_MR
	8163	GM_70_A1_E06	GM_70_A1_E06_T7	
	8164	GM_70_A1_E06		GM_70_A1_E06_MR
	8165	GM_70_A1_E07	GM_70_A1_E07_T7	
	8166	GM_70_A1_E07		GM_70_A1_E07_MR
30	8167	GM_70_A1_E08	GM_70_A1_E08_T7	
	8168	GM_70_A1_E08		GM_70_A1_E08_MR
	8169	GM_70_A1_E09	GM_70_A1_E09_T7	
	8170	GM_70_A1_E09		GM_70_A1_E09_MR
	8171	GM_70_A1_E10	GM_70_A1_E10_T7	
35	8172	GM_70_A1_E10		GM_70_A1_E10_MR
	8173	GM_70_A1_E11	GM_70_A1_E11_T7	
	8174	GM_70_A1_E11		GM_70_A1_E11_MR
	8175	GM_70_A1_E12	GM_70_A1_E12_T7	
	8176	GM_70_A1_E12		GM_70_A1_E12_MR
40	8177	GM_70_A1_F01	GM_70_A1_F01_T7	
	8178	GM_70_A1_F01		GM_70_A1_F01_MR
	8179	GM_70_A1_F02	GM_70_A1_F02_T7	
	8180	GM_70_A1_F02		GM_70_A1_F02_MR
	8181	GM_70_A1_F03	GM_70_A1_F03_T7	
45	8182	GM_70_A1_F03		GM_70_A1_F03_MR
	8183	GM_70_A1_F04	GM_70_A1_F04_T7	
	8184	GM_70_A1_F04		GM_70_A1_F04_MR
	8185	GM_70_A1_F05	GM_70_A1_F05_T7	
	8186	GM_70_A1_F05		GM_70_A1_F05_MR
50	8187	GM_70_A1_F06	GM_70_A1_F06_T7	
	8188	GM_70_A1_F06		GM_70_A1_F06_MR
	8189	GM_70_A1_F07	GM_70_A1_F07_T7	
	8190	GM_70_A1_F07		GM_70_A1_F07_MR
	8191	GM_70_A1_F08	GM_70_A1_F08_T7	
55	8192	GM_70_A1_F08		GM_70_A1_F08_MR

	8193	GM_70_A1_F09	GM_70_A1_F09_T7	
	8194	GM_70_A1_F09		GM_70_A1_F09_MR
	8195	GM_70_A1_F10	GM_70_A1_F10_T7	
	8196	GM_70_A1_F10		GM_70_A1_F10_MR
5	8197	GM_70_A1_F11	GM_70_A1_F11_T7	
	8198	GM_70_A1_F11		GM_70_A1_F11_MR
	8199	GM_70_A1_F12	GM_70_A1_F12_T7	
	8200	GM_70_A1_F12		GM_70_A1_F12_MR
	8201	GM_70_A1_G01	GM_70_A1_G01_T7	
10	8202	GM_70_A1_G01		GM_70_A1_G01_MR
	8203	GM_70_A1_G02	GM_70_A1_G02_T7	
	8204	GM_70_A1_G02		GM_70_A1_G02_MR
	8205	GM_70_A1_G03	GM_70_A1_G03_T7	
	8206	GM_70_A1_G03		GM_70_A1_G03_MR
15	8207	GM_70_A1_G04	GM_70_A1_G04_T7	
	8208	GM_70_A1_G04		GM_70_A1_G04_MR
	8209	GM_70_A1_G05		GM_70_A1_G05_MR
	8210	GM_70_A1_G07	GM_70_A1_G07_T7	
	8211	GM_70_A1_G07		GM_70_A1_G07_MR
20	8212	GM_70_A1_G09	GM_70_A1_G09_T7	
	8213	GM_70_A1_G09		GM_70_A1_G09_MR
	8214	GM_70_A1_G10	GM_70_A1_G10_T7	
	8215	GM_70_A1_G10		GM_70_A1_G10_MR
	8216	GM_70_A1_G11	GM_70_A1_G11_T7	
25	8217	GM_70_A1_G11		GM_70_A1_G11_MR
	8218	GM_70_A1_G12	GM_70_A1_G12_T7	
	8219	GM_70_A1_G12		GM_70_A1_G12_MR
	8220	GM_70_A1_H01	GM_70_A1_H01_T7	
	8221	GM_70_A1_H01		GM_70_A1_H01_MR
30	8222	GM_70_A1_H02	GM_70_A1_H02_T7	
	8223	GM_70_A1_H02		GM_70_A1_H02_MR
	8224	GM_70_A1_H03	GM_70_A1_H03_T7	
	8225	GM_70_A1_H03		GM_70_A1_H03_MR
	8226	GM_70_A1_H04	GM_70_A1_H04_T7	
35	8227	GM_70_A1_H04		GM_70_A1_H04_MR
	8228	GM_70_A1_H05	GM_70_A1_H05_T7	
	8229	GM_70_A1_H05		GM_70_A1_H05_MR
	8230	GM_70_A1_H06	GM_70_A1_H06_T7	
	8231	GM_70_A1_H06		GM_70_A1_H06_MR
40	8232	GM_70_A1_H07	GM_70_A1_H07_T7	
	8233	GM_70_A1_H07		GM_70_A1_H07_MR
	8234	GM_70_A1_H08		GM_70_A1_H08_MR
	8235	GM_70_A1_H09	GM_70_A1_H09_T7	
	8236	GM_70_A1_H09		GM_70_A1_H09_MR
45	8237	GM_70_A1_H10	GM_70_A1_H10_T7	
	8238	GM_70_A1_H10		GM_70_A1_H10_MR
	8239	GM_70_A1_H11	GM_70_A1_H11_T7	
	8240	GM_70_A1_H11		GM_70_A1_H11_MR
	8241	GM_70_A1_H12	GM_70_A1_H12_T7	
50	8242	GM_70_A1_H12		GM_70_A1_H12_MR
	8243	GM_70_B1_A01	GM_70_B1_A01_T7	
	8244	GM_70_B1_A01		GM_70_B1_A01_MR
	8245	GM_70_B1_A02	GM_70_B1_A02_T7	
	8246	GM_70_B1_A02		GM_70_B1_A02_MR
55	8247	GM_70_B1_A03	GM_70_B1_A03_T7	

	8248	GM_70_B1_A03		GM_70_B1_A03_MR
	8249	GM_70_B1_A04	GM_70_B1_A04_T7	
	8250	GM_70_B1_A04		GM_70_B1_A04_MR
	8251	GM_70_B1_A05	GM_70_B1_A05_T7	
5	8252	GM_70_B1_A05		GM_70_B1_A05_MR
	8253	GM_70_B1_A06	GM_70_B1_A06_T7	
	8254	GM_70_B1_A06		GM_70_B1_A06_MR
	8255	GM_70_B1_A07		GM_70_B1_A07_MR
	8256	GM_70_B1_A08	GM_70_B1_A08_T7	
10	8257	GM_70_B1_A08		GM_70_B1_A08_MR
	8258	GM_70_B1_A09	GM_70_B1_A09_T7	
	8259	GM_70_B1_A09		GM_70_B1_A09_MR
	8260	GM_70_B1_A10	GM_70_B1_A10_T7	
	8261	GM_70_B1_A10		GM_70_B1_A10_MR
15	8262	GM_70_B1_A11		GM_70_B1_A11_MR
	8263	GM_70_B1_A12	GM_70_B1_A12_T7	
	8264	GM_70_B1_A12		GM_70_B1_A12_MR
	8265	GM_70_B1_B01	GM_70_B1_B01_T7	
	8266	GM_70_B1_B01		GM_70_B1_B01_MR
20	8267	GM_70_B1_B02	GM_70_B1_B02_T7	
	8268	GM_70_B1_B02		GM_70_B1_B02_MR
	8269	GM_70_B1_B03	GM_70_B1_B03_T7	
	8270	GM_70_B1_B03		GM_70_B1_B03_MR
	8271	GM_70_B1_B04	GM_70_B1_B04_T7	
25	8272	GM_70_B1_B04		GM_70_B1_B04_MR
	8273	GM_70_B1_B05	GM_70_B1_B05_T7	
	8274	GM_70_B1_B05		GM_70_B1_B05_MR
	8275	GM_70_B1_B06	GM_70_B1_B06_T7	
	8276	GM_70_B1_B06		GM_70_B1_B06_MR
30	8277	GM_70_B1_B08	GM_70_B1_B08_T7	
	8278	GM_70_B1_B08		GM_70_B1_B08_MR
	8279	GM_70_B1_B09	GM_70_B1_B09_T7	
	8280	GM_70_B1_B09		GM_70_B1_B09_MR
	8281	GM_70_B1_B10	GM_70_B1_B10_T7	
35	8282	GM_70_B1_B10		GM_70_B1_B10_MR
	8283	GM_70_B1_B11	GM_70_B1_B11_T7	
	8284	GM_70_B1_B11		GM_70_B1_B11_MR
	8285	GM_70_B1_B12	GM_70_B1_B12_T7	
	8286	GM_70_B1_B12		GM_70_B1_B12_MR
40	8287	GM_70_B1_C01	GM_70_B1_C01_T7	
	8288	GM_70_B1_C01		GM_70_B1_C01_MR
	8289	GM_70_B1_C02	GM_70_B1_C02_T7	
	8290	GM_70_B1_C02		GM_70_B1_C02_MR
	8291	GM_70_B1_C03	GM_70_B1_C03_T7	
45	8292	GM_70_B1_C03		GM_70_B1_C03_MR
	8293	GM_70_B1_C04	GM_70_B1_C04_T7	
	8294	GM_70_B1_C04		GM_70_B1_C04_MR
	8295	GM_70_B1_C05	GM_70_B1_C05_T7	
	8296	GM_70_B1_C05		GM_70_B1_C05_MR
50	8297	GM_70_B1_C06	GM_70_B1_C06_T7	
	8298	GM_70_B1_C06		GM_70_B1_C06_MR
	8299	GM_70_B1_C07	GM_70_B1_C07_T7	
	8300	GM_70_B1_C07		GM_70_B1_C07_MR
	8301	GM_70_B1_C08	GM_70_B1_C08_T7	
55	8302	GM_70_B1_C09	GM_70_B1_C09_T7	

	8303	GM_70_B1_C09		GM_70_B1_C09_MR
	8304	GM_70_B1_C10	GM_70_B1_C10_T7	
	8305	GM_70_B1_C10		GM_70_B1_C10_MR
	8306	GM_70_B1_C11	GM_70_B1_C11_T7	
5	8307	GM_70_B1_C11		GM_70_B1_C11_MR
	8308	GM_70_B1_C12	GM_70_B1_C12_T7	
	8309	GM_70_B1_C12		GM_70_B1_C12_MR
	8310	GM_70_B1_D01	GM_70_B1_D01_T7	
	8311	GM_70_B1_D01		GM_70_B1_D01_MR
10	8312	GM_70_B1_D02	GM_70_B1_D02_T7	
	8313	GM_70_B1_D02		GM_70_B1_D02_MR
	8314	GM_70_B1_D03	GM_70_B1_D03_T7	
	8315	GM_70_B1_D03		GM_70_B1_D03_MR
	8316	GM_70_B1_D04	GM_70_B1_D04_T7	
15	8317	GM_70_B1_D04		GM_70_B1_D04_MR
	8318	GM_70_B1_D05		GM_70_B1_D05_MR
	8319	GM_70_B1_D06	GM_70_B1_D06_T7	
	8320	GM_70_B1_D06		GM_70_B1_D06_MR
	8321	GM_70_B1_D07	GM_70_B1_D07_T7	
20	8322	GM_70_B1_D07		GM_70_B1_D07_MR
	8323	GM_70_B1_D08	GM_70_B1_D08_T7	
	8324	GM_70_B1_D08		GM_70_B1_D08_MR
	8325	GM_70_B1_D09	GM_70_B1_D09_T7	
	8326	GM_70_B1_D09		GM_70_B1_D09_MR
25	8327	GM_70_B1_D10	GM_70_B1_D10_T7	
	8328	GM_70_B1_D10		GM_70_B1_D10_MR
	8329	GM_70_B1_D11	GM_70_B1_D11_T7	
	8330	GM_70_B1_D11		GM_70_B1_D11_MR
	8331	GM_70_B1_D12	GM_70_B1_D12_T7	
30	8332	GM_70_B1_D12		GM_70_B1_D12_MR
	8333	GM_70_B1_E01	GM_70_B1_E01_T7	
	8334	GM_70_B1_E01		GM_70_B1_E01_MR
	8335	GM_70_B1_E02	GM_70_B1_E02_T7	
	8336	GM_70_B1_E02		GM_70_B1_E02_MR
35	8337	GM_70_B1_E03	GM_70_B1_E03_T7	
	8338	GM_70_B1_E03		GM_70_B1_E03_MR
	8339	GM_70_B1_E04	GM_70_B1_E04_T7	
	8340	GM_70_B1_E04		GM_70_B1_E04_MR
	8341	GM_70_B1_E05	GM_70_B1_E05_T7	
40	8342	GM_70_B1_E05		GM_70_B1_E05_MR
	8343	GM_70_B1_E06	GM_70_B1_E06_T7	
	8344	GM_70_B1_E06		GM_70_B1_E06_MR
	8345	GM_70_B1_E07	GM_70_B1_E07_T7	
	8346	GM_70_B1_E07		GM_70_B1_E07_MR
45	8347	GM_70_B1_E08	GM_70_B1_E08_T7	
	8348	GM_70_B1_E08		GM_70_B1_E08_MR
	8349	GM_70_B1_E09	GM_70_B1_E09_T7	
	8350	GM_70_B1_E09		GM_70_B1_E09_MR
	8351	GM_70_B1_E10	GM_70_B1_E10_T7	
50	8352	GM_70_B1_E10		GM_70_B1_E10_MR
	8353	GM_70_B1_E11	GM_70_B1_E11_T7	
	8354	GM_70_B1_E11		GM_70_B1_E11_MR
	8355	GM_70_B1_E12	GM_70_B1_E12_T7	
	8356	GM_70_B1_E12		GM_70_B1_E12_MR
55	8357	GM_70_B1_F01	GM_70_B1_F01_T7	

	8358	GM_70_B1_F01		GM_70_B1_F01_MR
	8359	GM_70_B1_F02	GM_70_B1_F02_T7	
	8360	GM_70_B1_F02		GM_70_B1_F02_MR
	8361	GM_70_B1_F03	GM_70_B1_F03_T7	
5	8362	GM_70_B1_F03		GM_70_B1_F03_MR
	8363	GM_70_B1_F04	GM_70_B1_F04_T7	
	8364	GM_70_B1_F04		GM_70_B1_F04_MR
	8365	GM_70_B1_F05	GM_70_B1_F05_T7	
	8366	GM_70_B1_F05		GM_70_B1_F05_MR
10	8367	GM_70_B1_F06	GM_70_B1_F06_T7	
	8368	GM_70_B1_F06		GM_70_B1_F06_MR
	8369	GM_70_B1_F07	GM_70_B1_F07_T7	
	8370	GM_70_B1_F07		GM_70_B1_F07_MR
	8371	GM_70_B1_F08	GM_70_B1_F08_T7	
15	8372	GM_70_B1_F08		GM_70_B1_F08_MR
	8373	GM_70_B1_F09	GM_70_B1_F09_T7	
	8374	GM_70_B1_F09		GM_70_B1_F09_MR
	8375	GM_70_B1_F10	GM_70_B1_F10_T7	
	8376	GM_70_B1_F10		GM_70_B1_F10_MR
20	8377	GM_70_B1_F11	GM_70_B1_F11_T7	
	8378	GM_70_B1_F11		GM_70_B1_F11_MR
	8379	GM_70_B1_F12	GM_70_B1_F12_T7	
	8380	GM_70_B1_F12		GM_70_B1_F12_MR
	8381	GM_70_B1_G01	GM_70_B1_G01_T7	
25	8382	GM_70_B1_G01		GM_70_B1_G01_MR
	8383	GM_70_B1_G02	GM_70_B1_G02_T7	
	8384	GM_70_B1_G02		GM_70_B1_G02_MR
	8385	GM_70_B1_G03	GM_70_B1_G03_T7	
	8386	GM_70_B1_G03		GM_70_B1_G03_MR
30	8387	GM_70_B1_G04	GM_70_B1_G04_T7	
	8388	GM_70_B1_G04		GM_70_B1_G04_MR
	8389	GM_70_B1_G06	GM_70_B1_G06_T7	
	8390	GM_70_B1_G06		GM_70_B1_G06_MR
	8391	GM_70_B1_G07	GM_70_B1_G07_T7	
35	8392	GM_70_B1_G07		GM_70_B1_G07_MR
	8393	GM_70_B1_G08	GM_70_B1_G08_T7	
	8394	GM_70_B1_G08		GM_70_B1_G08_MR
	8395	GM_70_B1_G09	GM_70_B1_G09_T7	
	8396	GM_70_B1_G09		GM_70_B1_G09_MR
40	8397	GM_70_B1_G10	GM_70_B1_G10_T7	
	8398	GM_70_B1_G10		GM_70_B1_G10_MR
	8399	GM_70_B1_G11	GM_70_B1_G11_T7	
	8400	GM_70_B1_G11		GM_70_B1_G11_MR
	8401	GM_70_B1_G12	GM_70_B1_G12_T7	
45	8402	GM_70_B1_G12		GM_70_B1_G12_MR
	8403	GM_70_B1_H01	GM_70_B1_H01_T7	
	8404	GM_70_B1_H01		GM_70_B1_H01_MR
	8405	GM_70_B1_H02	GM_70_B1_H02_T7	
	8406	GM_70_B1_H02		GM_70_B1_H02_MR
50	8407	GM_70_B1_H03	GM_70_B1_H03_T7	
	8408	GM_70_B1_H03		GM_70_B1_H03_MR
	8409	GM_70_B1_H04	GM_70_B1_H04_T7	
	8410	GM_70_B1_H04		GM_70_B1_H04_MR
	8411	GM_70_B1_H05	GM_70_B1_H05_T7	
55	8412	GM_70_B1_H05		GM_70_B1_H05_MR

	8413	GM_70_B1_H06	GM_70_B1_H06_T7	
	8414	GM_70_B1_H06		GM_70_B1_H06_MR
	8415	GM_70_B1_H08	GM_70_B1_H08_T7	
	8416	GM_70_B1_H08		GM_70_B1_H08_MR
5	8417	GM_70_B1_H09	GM_70_B1_H09_T7	
	8418	GM_70_B1_H09		GM_70_B1_H09_MR
	8419	GM_70_B1_H10	GM_70_B1_H10_T7	
	8420	GM_70_B1_H11	GM_70_B1_H11_T7	
	8421	GM_70_B1_H11		GM_70_B1_H11_MR
10	8422	GM_70_B2_A01	GM_70_B2_A01_T7	
	8423	GM_70_B2_A01		GM_70_B2_A01_MR
	8424	GM_70_B2_A02	GM_70_B2_A02_T7	
	8425	GM_70_B2_A02		GM_70_B2_A02_MR
	8426	GM_70_B2_A03	GM_70_B2_A03_T7	
15	8427	GM_70_B2_A03		GM_70_B2_A03_MR
	8428	GM_70_B2_A04	GM_70_B2_A04_T7	
	8429	GM_70_B2_A04		GM_70_B2_A04_MR
	8430	GM_70_B2_A05	GM_70_B2_A05_T7	
	8431	GM_70_B2_A05		GM_70_B2_A05_MR
20	8432	GM_70_B2_A06	GM_70_B2_A06_T7	
	8433	GM_70_B2_A06		GM_70_B2_A06_MR
	8434	GM_70_B2_A07	GM_70_B2_A07_T7	
	8435	GM_70_B2_A07		GM_70_B2_A07_MR
	8436	GM_70_B2_A08	GM_70_B2_A08_T7	
25	8437	GM_70_B2_A08		GM_70_B2_A08_MR
	8438	GM_70_B2_A09	GM_70_B2_A09_T7	
	8439	GM_70_B2_A09		GM_70_B2_A09_MR
	8440	GM_70_B2_A10	GM_70_B2_A10_T7	
	8441	GM_70_B2_A10		GM_70_B2_A10_MR
30	8442	GM_70_B2_A11	GM_70_B2_A11_T7	
	8443	GM_70_B2_A11		GM_70_B2_A11_MR
	8444	GM_70_B2_A12	GM_70_B2_A12_T7	
	8445	GM_70_B2_A12		GM_70_B2_A12_MR
	8446	GM_70_B2_B01	GM_70_B2_B01_T7	
35	8447	GM_70_B2_B01		GM_70_B2_B01_MR
	8448	GM_70_B2_B02	GM_70_B2_B02_T7	
	8449	GM_70_B2_B02		GM_70_B2_B02_MR
	8450	GM_70_B2_B03	GM_70_B2_B03_T7	
	8451	GM_70_B2_B03		GM_70_B2_B03_MR
40	8452	GM_70_B2_B04	GM_70_B2_B04_T7	
	8453	GM_70_B2_B04		GM_70_B2_B04_MR
	8454	GM_70_B2_B05	GM_70_B2_B05_T7	
	8455	GM_70_B2_B05		GM_70_B2_B05_MR
	8456	GM_70_B2_B06	GM_70_B2_B06_T7	
45	8457	GM_70_B2_B06		GM_70_B2_B06_MR
	8458	GM_70_B2_B07		GM_70_B2_B07_MR
	8459	GM_70_B2_B08	GM_70_B2_B08_T7	
	8460	GM_70_B2_B08		GM_70_B2_B08_MR
	8461	GM_70_B2_B09	GM_70_B2_B09_T7	
50	8462	GM_70_B2_B09		GM_70_B2_B09_MR
	8463	GM_70_B2_B10	GM_70_B2_B10_T7	
	8464	GM_70_B2_B10		GM_70_B2_B10_MR
	8465	GM_70_B2_B11	GM_70_B2_B11_T7	
	8466	GM_70_B2_B11		GM_70_B2_B11_MR
55	8467	GM_70_B2_B12	GM_70_B2_B12_T7	

	8468	GM_70_B2_C01	GM_70_B2_C01_T7	
	8469	GM_70_B2_C01		GM_70_B2_C01_MR
	8470	GM_70_B2_C02	GM_70_B2_C02_T7	
	8471	GM_70_B2_C02		GM_70_B2_C02_MR
5	8472	GM_70_B2_C03	GM_70_B2_C03_T7	
	8473	GM_70_B2_C03		GM_70_B2_C03_MR
	8474	GM_70_B2_C04	GM_70_B2_C04_T7	
	8475	GM_70_B2_C04		GM_70_B2_C04_MR
	8476	GM_70_B2_C05	GM_70_B2_C05_T7	
10	8477	GM_70_B2_C05		GM_70_B2_C05_MR
	8478	GM_70_B2_C06	GM_70_B2_C06_T7	
	8479	GM_70_B2_C06		GM_70_B2_C06_MR
	8480	GM_70_B2_C07	GM_70_B2_C07_T7	
	8481	GM_70_B2_C07		GM_70_B2_C07_MR
15	8482	GM_70_B2_C08	GM_70_B2_C08_T7	
	8483	GM_70_B2_C08		GM_70_B2_C08_MR
	8484	GM_70_B2_C09	GM_70_B2_C09_T7	
	8485	GM_70_B2_C09		GM_70_B2_C09_MR
	8486	GM_70_B2_C10	GM_70_B2_C10_T7	
20	8487	GM_70_B2_C11	GM_70_B2_C11_T7	
	8488	GM_70_B2_C11		GM_70_B2_C11_MR
	8489	GM_70_B2_C12	GM_70_B2_C12_T7	
	8490	GM_70_B2_C12		GM_70_B2_C12_MR
	8491	GM_70_B2_D01	GM_70_B2_D01_T7	
25	8492	GM_70_B2_D01		GM_70_B2_D01_MR
	8493	GM_70_B2_D02	GM_70_B2_D02_T7	
	8494	GM_70_B2_D02		GM_70_B2_D02_MR
	8495	GM_70_B2_D03	GM_70_B2_D03_T7	
	8496	GM_70_B2_D03		GM_70_B2_D03_MR
30	8497	GM_70_B2_D04	GM_70_B2_D04_T7	
	8498	GM_70_B2_D04		GM_70_B2_D04_MR
	8499	GM_70_B2_D05	GM_70_B2_D05_T7	
	8500	GM_70_B2_D05		GM_70_B2_D05_MR
	8501	GM_70_B2_D06	GM_70_B2_D06_T7	
35	8502	GM_70_B2_D06		GM_70_B2_D06_MR
	8503	GM_70_B2_D07	GM_70_B2_D07_T7	
	8504	GM_70_B2_D07		GM_70_B2_D07_MR
	8505	GM_70_B2_D08	GM_70_B2_D08_T7	
	8506	GM_70_B2_D08		GM_70_B2_D08_MR
40	8507	GM_70_B2_D09	GM_70_B2_D09_T7	
	8508	GM_70_B2_D09		GM_70_B2_D09_MR
	8509	GM_70_B2_D10	GM_70_B2_D10_T7	
	8510	GM_70_B2_D11	GM_70_B2_D11_T7	
	8511	GM_70_B2_D11		GM_70_B2_D11_MR
45	8512	GM_70_B2_D12	GM_70_B2_D12_T7	
	8513	GM_70_B2_D12		GM_70_B2_D12_MR
	8514	GM_70_B2_E01		GM_70_B2_E01_MR
	8515	GM_70_B2_E02	GM_70_B2_E02_T7	
	8516	GM_70_B2_E02		GM_70_B2_E02_MR
50	8517	GM_70_B2_E03	GM_70_B2_E03_T7	
	8518	GM_70_B2_E03		GM_70_B2_E03_MR
	8519	GM_70_B2_E04	GM_70_B2_E04_T7	
	8520	GM_70_B2_E04		GM_70_B2_E04_MR
	8521	GM_70_B2_E05		GM_70_B2_E05_MR
55	8522	GM_70_B2_E06	GM_70_B2_E06_T7	

	8523	GM_70_B2_E06		GM_70_B2_E06_MR
	8524	GM_70_B2_E07	GM_70_B2_E07_T7	
	8525	GM_70_B2_E07		GM_70_B2_E07_MR
	8526	GM_70_B2_E08	GM_70_B2_E08_T7	
5	8527	GM_70_B2_E08		GM_70_B2_E08_MR
	8528	GM_70_B2_E09	GM_70_B2_E09_T7	
	8529	GM_70_B2_E10	GM_70_B2_E10_T7	
	8530	GM_70_B2_E10		GM_70_B2_E10_MR
	8531	GM_70_B2_E11	GM_70_B2_E11_T7	
10	8532	GM_70_B2_E11		GM_70_B2_E11_MR
	8533	GM_70_B2_E12	GM_70_B2_E12_T7	
	8534	GM_70_B2_E12		GM_70_B2_E12_MR
	8535	GM_70_B2_F01	GM_70_B2_F01_T7	
	8536	GM_70_B2_F01		GM_70_B2_F01_MR
15	8537	GM_70_B2_F02	GM_70_B2_F02_T7	
	8538	GM_70_B2_F02		GM_70_B2_F02_MR
	8539	GM_70_B2_F03	GM_70_B2_F03_T7	
	8540	GM_70_B2_F03		GM_70_B2_F03_MR
	8541	GM_70_B2_F04	GM_70_B2_F04_T7	
20	8542	GM_70_B2_F04		GM_70_B2_F04_MR
	8543	GM_70_B2_F05	GM_70_B2_F05_T7	
	8544	GM_70_B2_F05		GM_70_B2_F05_MR
	8545	GM_70_B2_F06	GM_70_B2_F06_T7	
	8546	GM_70_B2_F06		GM_70_B2_F06_MR
25	8547	GM_70_B2_F07	GM_70_B2_F07_T7	
	8548	GM_70_B2_F07		GM_70_B2_F07_MR
	8549	GM_70_B2_F08	GM_70_B2_F08_T7	
	8550	GM_70_B2_F08		GM_70_B2_F08_MR
	8551	GM_70_B2_F09	GM_70_B2_F09_T7	
30	8552	GM_70_B2_F09		GM_70_B2_F09_MR
	8553	GM_70_B2_F10	GM_70_B2_F10_T7	
	8554	GM_70_B2_F10		GM_70_B2_F10_MR
	8555	GM_70_B2_F11	GM_70_B2_F11_T7	
	8556	GM_70_B2_F11		GM_70_B2_F11_MR
35	8557	GM_70_B2_F12	GM_70_B2_F12_T7	
	8558	GM_70_B2_F12		GM_70_B2_F12_MR
	8559	GM_70_B2_G01	GM_70_B2_G01_T7	
	8560	GM_70_B2_G01		GM_70_B2_G01_MR
	8561	GM_70_B2_G02	GM_70_B2_G02_T7	
40	8562	GM_70_B2_G02		GM_70_B2_G02_MR
	8563	GM_70_B2_G03	GM_70_B2_G03_T7	
	8564	GM_70_B2_G03		GM_70_B2_G03_MR
	8565	GM_70_B2_G04	GM_70_B2_G04_T7	
	8566	GM_70_B2_G04		GM_70_B2_G04_MR
45	8567	GM_70_B2_G05	GM_70_B2_G05_T7	
	8568	GM_70_B2_G05		GM_70_B2_G05_MR
	8569	GM_70_B2_G06	GM_70_B2_G06_T7	
	8570	GM_70_B2_G06		GM_70_B2_G06_MR
	8571	GM_70_B2_G07	GM_70_B2_G07_T7	
50	8572	GM_70_B2_G07		GM_70_B2_G07_MR
	8573	GM_70_B2_G08	GM_70_B2_G08_T7	
	8574	GM_70_B2_G08		GM_70_B2_G08_MR
	8575	GM_70_B2_G09	GM_70_B2_G09_T7	
	8576	GM_70_B2_G09		GM_70_B2_G09_MR
55	8577	GM_70_B2_G10	GM_70_B2_G10_T7	

	8578	GM_70_B2_G10		GM_70_B2_G10_MR
	8579	GM_70_B2_G11	GM_70_B2_G11_T7	
	8580	GM_70_B2_G11		GM_70_B2_G11_MR
	8581	GM_70_B2_G12	GM_70_B2_G12_T7	
5	8582	GM_70_B2_H01	GM_70_B2_H01_T7	
	8583	GM_70_B2_H01		GM_70_B2_H01_MR
	8584	GM_70_B2_H02	GM_70_B2_H02_T7	
	8585	GM_70_B2_H02		GM_70_B2_H02_MR
	8586	GM_70_B2_H03	GM_70_B2_H03_T7	
10	8587	GM_70_B2_H03		GM_70_B2_H03_MR
	8588	GM_70_B2_H04	GM_70_B2_H04_T7	
	8589	GM_70_B2_H04		GM_70_B2_H04_MR
	8590	GM_70_B2_H05	GM_70_B2_H05_T7	
	8591	GM_70_B2_H05		GM_70_B2_H05_MR
15	8592	GM_70_B2_H06	GM_70_B2_H06_T7	
	8593	GM_70_B2_H06		GM_70_B2_H06_MR
	8594	GM_70_B2_H07	GM_70_B2_H07_T7	
	8595	GM_70_B2_H07		GM_70_B2_H07_MR
	8596	GM_70_B2_H08	GM_70_B2_H08_T7	
20	8597	GM_70_B2_H08		GM_70_B2_H08_MR
	8598	GM_70_B2_H09	GM_70_B2_H09_T7	
	8599	GM_70_B2_H09		GM_70_B2_H09_MR
	8600	GM_70_B2_H10	GM_70_B2_H10_T7	
	8601	GM_70_B2_H10		GM_70_B2_H10_MR
25	8602	GM_70_B2_H11	GM_70_B2_H11_T7	
	8603	GM_70_B2_H11		GM_70_B2_H11_MR
	8604	GM_70_B2_H12	GM_70_B2_H12_T7	
	8605	GM_71_A1_A01	GM_71_A1_A01_T7	
	8606	GM_71_A1_A01		GM_71_A1_A01_MR
30	8607	GM_71_A1_A02	GM_71_A1_A02_T7	
	8608	GM_71_A1_A03	GM_71_A1_A03_T7	
	8609	GM_71_A1_A03		GM_71_A1_A03_MR
	8610	GM_71_A1_A04	GM_71_A1_A04_T7	
	8611	GM_71_A1_A04		GM_71_A1_A04_MR
35	8612	GM_71_A1_A05	GM_71_A1_A05_T7	
	8613	GM_71_A1_A05		GM_71_A1_A05_MR
	8614	GM_71_A1_A06	GM_71_A1_A06_T7	
	8615	GM_71_A1_A06		GM_71_A1_A06_MR
	8616	GM_71_A1_A07		GM_71_A1_A07_MR
40	8617	GM_71_A1_A08	GM_71_A1_A08_T7	
	8618	GM_71_A1_A08		GM_71_A1_A08_MR
	8619	GM_71_A1_A09	GM_71_A1_A09_T7	
	8620	GM_71_A1_A09		GM_71_A1_A09_MR
	8621	GM_71_A1_A10	GM_71_A1_A10_T7	
45	8622	GM_71_A1_A10		GM_71_A1_A10_MR
	8623	GM_71_A1_A11	GM_71_A1_A11_T7	
	8624	GM_71_A1_A11		GM_71_A1_A11_MR
	8625	GM_71_A1_A12	GM_71_A1_A12_T7	
	8626	GM_71_A1_A12		GM_71_A1_A12_MR
50	8627	GM_71_A1_B01	GM_71_A1_B01_T7	
	8628	GM_71_A1_B01		GM_71_A1_B01_MR
	8629	GM_71_A1_B02	GM_71_A1_B02_T7	
	8630	GM_71_A1_B02		GM_71_A1_B02_MR
	8631	GM_71_A1_B03	GM_71_A1_B03_T7	
55	8632	GM_71_A1_B03		GM_71_A1_B03_MR

	8633	GM_71_A1_B04	GM_71_A1_B04_T7	
	8634	GM_71_A1_B04		GM_71_A1_B04_MR
	8635	GM_71_A1_B05	GM_71_A1_B05_T7	
	8636	GM_71_A1_B05		GM_71_A1_B05_MR
5	8637	GM_71_A1_B06	GM_71_A1_B06_T7	
	8638	GM_71_A1_B06		GM_71_A1_B06_MR
	8639	GM_71_A1_B07	GM_71_A1_B07_T7	
	8640	GM_71_A1_B07		GM_71_A1_B07_MR
	8641	GM_71_A1_B08	GM_71_A1_B08_T7	
10	8642	GM_71_A1_B08		GM_71_A1_B08_MR
	8643	GM_71_A1_B09	GM_71_A1_B09_T7	
	8644	GM_71_A1_B09		GM_71_A1_B09_MR
	8645	GM_71_A1_B10	GM_71_A1_B10_T7	
	8646	GM_71_A1_B10		GM_71_A1_B10_MR
15	8647	GM_71_A1_B11	GM_71_A1_B11_T7	
	8648	GM_71_A1_B11		GM_71_A1_B11_MR
	8649	GM_71_A1_B12	GM_71_A1_B12_T7	
	8650	GM_71_A1_B12		GM_71_A1_B12_MR
	8651	GM_71_A1_C01	GM_71_A1_C01_T7	
20	8652	GM_71_A1_C01		GM_71_A1_C01_MR
	8653	GM_71_A1_C02	GM_71_A1_C02_T7	
	8654	GM_71_A1_C02		GM_71_A1_C02_MR
	8655	GM_71_A1_C03	GM_71_A1_C03_T7	
	8656	GM_71_A1_C03		GM_71_A1_C03_MR
25	8657	GM_71_A1_C04	GM_71_A1_C04_T7	
	8658	GM_71_A1_C04		GM_71_A1_C04_MR
	8659	GM_71_A1_C05	GM_71_A1_C05_T7	
	8660	GM_71_A1_C05		GM_71_A1_C05_MR
	8661	GM_71_A1_C06	GM_71_A1_C06_T7	
30	8662	GM_71_A1_C06		GM_71_A1_C06_MR
	8663	GM_71_A1_C07	GM_71_A1_C07_T7	
	8664	GM_71_A1_C07		GM_71_A1_C07_MR
	8665	GM_71_A1_C08	GM_71_A1_C08_T7	
	8666	GM_71_A1_C08		GM_71_A1_C08_MR
35	8667	GM_71_A1_C09	GM_71_A1_C09_T7	
	8668	GM_71_A1_C09		GM_71_A1_C09_MR
	8669	GM_71_A1_C10	GM_71_A1_C10_T7	
	8670	GM_71_A1_C10		GM_71_A1_C10_MR
	8671	GM_71_A1_C11		GM_71_A1_C11_MR
40	8672	GM_71_A1_C12	GM_71_A1_C12_T7	
	8673	GM_71_A1_C12		GM_71_A1_C12_MR
	8674	GM_71_A1_D02	GM_71_A1_D02_T7	
	8675	GM_71_A1_D02		GM_71_A1_D02_MR
	8676	GM_71_A1_D03	GM_71_A1_D03_T7	
45	8677	GM_71_A1_D03		GM_71_A1_D03_MR
	8678	GM_71_A1_D05	GM_71_A1_D05_T7	
	8679	GM_71_A1_D05		GM_71_A1_D05_MR
	8680	GM_71_A1_D06	GM_71_A1_D06_T7	
	8681	GM_71_A1_D06		GM_71_A1_D06_MR
50	8682	GM_71_A1_D07	GM_71_A1_D07_T7	
	8683	GM_71_A1_D07		GM_71_A1_D07_MR
	8684	GM_71_A1_D08	GM_71_A1_D08_T7	
	8685	GM_71_A1_D08		GM_71_A1_D08_MR
	8686	GM_71_A1_D09	GM_71_A1_D09_T7	
55	8687	GM_71_A1_D09		GM_71_A1_D09_MR

	8688	GM_71_A1_D11	GM_71_A1_D11_T7	
	8689	GM_71_A1_D11		GM_71_A1_D11_MR
	8690	GM_71_A1_D12	GM_71_A1_D12_T7	
	8691	GM_71_A1_D12		GM_71_A1_D12_MR
5	8692	GM_71_A1_E01	GM_71_A1_E01_T7	
	8693	GM_71_A1_E01		GM_71_A1_E01_MR
	8694	GM_71_A1_E02	GM_71_A1_E02_T7	
	8695	GM_71_A1_E02		GM_71_A1_E02_MR
	8696	GM_71_A1_E03	GM_71_A1_E03_T7	
10	8697	GM_71_A1_E03		GM_71_A1_E03_MR
	8698	GM_71_A1_E04	GM_71_A1_E04_T7	
	8699	GM_71_A1_E04		GM_71_A1_E04_MR
	8700	GM_71_A1_E05	GM_71_A1_E05_T7	
	8701	GM_71_A1_E05		GM_71_A1_E05_MR
15	8702	GM_71_A1_E06	GM_71_A1_E06_T7	
	8703	GM_71_A1_E06		GM_71_A1_E06_MR
	8704	GM_71_A1_E07	GM_71_A1_E07_T7	
	8705	GM_71_A1_E07		GM_71_A1_E07_MR
	8706	GM_71_A1_E08	GM_71_A1_E08_T7	
20	8707	GM_71_A1_E08		GM_71_A1_E08_MR
	8708	GM_71_A1_E09	GM_71_A1_E09_T7	
	8709	GM_71_A1_E09		GM_71_A1_E09_MR
	8710	GM_71_A1_E10	GM_71_A1_E10_T7	
	8711	GM_71_A1_E10		GM_71_A1_E10_MR
25	8712	GM_71_A1_E11	GM_71_A1_E11_T7	
	8713	GM_71_A1_E11		GM_71_A1_E11_MR
	8714	GM_71_A1_E12	GM_71_A1_E12_T7	
	8715	GM_71_A1_E12		GM_71_A1_E12_MR
	8716	GM_71_A1_F01	GM_71_A1_F01_T7	
30	8717	GM_71_A1_F01		GM_71_A1_F01_MR
	8718	GM_71_A1_F02	GM_71_A1_F02_T7	
	8719	GM_71_A1_F02		GM_71_A1_F02_MR
	8720	GM_71_A1_F03	GM_71_A1_F03_T7	
	8721	GM_71_A1_F03		GM_71_A1_F03_MR
35	8722	GM_71_A1_F04	GM_71_A1_F04_T7	
	8723	GM_71_A1_F04		GM_71_A1_F04_MR
	8724	GM_71_A1_F05	GM_71_A1_F05_T7	
	8725	GM_71_A1_F05		GM_71_A1_F05_MR
	8726	GM_71_A1_F06	GM_71_A1_F06_T7	
40	8727	GM_71_A1_F06		GM_71_A1_F06_MR
	8728	GM_71_A1_F07	GM_71_A1_F07_T7	
	8729	GM_71_A1_F07		GM_71_A1_F07_MR
	8730	GM_71_A1_F08	GM_71_A1_F08_T7	
	8731	GM_71_A1_F08		GM_71_A1_F08_MR
45	8732	GM_71_A1_F09	GM_71_A1_F09_T7	
	8733	GM_71_A1_F09		GM_71_A1_F09_MR
	8734	GM_71_A1_F10	GM_71_A1_F10_T7	
	8735	GM_71_A1_F10		GM_71_A1_F10_MR
	8736	GM_71_A1_F11	GM_71_A1_F11_T7	
50	8737	GM_71_A1_F11		GM_71_A1_F11_MR
	8738	GM_71_A1_F12	GM_71_A1_F12_T7	
	8739	GM_71_A1_F12		GM_71_A1_F12_MR
	8740	GM_71_A1_G01	GM_71_A1_G01_T7	
	8741	GM_71_A1_G01		GM_71_A1_G01_MR
55	8742	GM_71_A1_G02	GM_71_A1_G02_T7	

	8743	GM_71_A1_G02		GM_71_A1_G02_MR
	8744	GM_71_A1_G03	GM_71_A1_G03_T7	
	8745	GM_71_A1_G03		GM_71_A1_G03_MR
	8746	GM_71_A1_G04	GM_71_A1_G04_T7	
5	8747	GM_71_A1_G04		GM_71_A1_G04_MR
	8748	GM_71_A1_G05	GM_71_A1_G05_T7	
	8749	GM_71_A1_G05		GM_71_A1_G05_MR
	8750	GM_71_A1_G06	GM_71_A1_G06_T7	
	8751	GM_71_A1_G06		GM_71_A1_G06_MR
10	8752	GM_71_A1_G07	GM_71_A1_G07_T7	
	8753	GM_71_A1_G07		GM_71_A1_G07_MR
	8754	GM_71_A1_G08	GM_71_A1_G08_T7	
	8755	GM_71_A1_G08		GM_71_A1_G08_MR
	8756	GM_71_A1_G09	GM_71_A1_G09_T7	
15	8757	GM_71_A1_G09		GM_71_A1_G09_MR
	8758	GM_71_A1_G10	GM_71_A1_G10_T7	
	8759	GM_71_A1_G10		GM_71_A1_G10_MR
	8760	GM_71_A1_G11	GM_71_A1_G11_T7	
	8761	GM_71_A1_G11		GM_71_A1_G11_MR
20	8762	GM_71_A1_G12	GM_71_A1_G12_T7	
	8763	GM_71_A1_G12		GM_71_A1_G12_MR
	8764	GM_71_A1_H01	GM_71_A1_H01_T7	
	8765	GM_71_A1_H01		GM_71_A1_H01_MR
	8766	GM_71_A1_H02	GM_71_A1_H02_T7	
25	8767	GM_71_A1_H02		GM_71_A1_H02_MR
	8768	GM_71_A1_H03	GM_71_A1_H03_T7	
	8769	GM_71_A1_H03		GM_71_A1_H03_MR
	8770	GM_71_A1_H04	GM_71_A1_H04_T7	
	8771	GM_71_A1_H04		GM_71_A1_H04_MR
30	8772	GM_71_A1_H05	GM_71_A1_H05_T7	
	8773	GM_71_A1_H05		GM_71_A1_H05_MR
	8774	GM_71_A1_H06	GM_71_A1_H06_T7	
	8775	GM_71_A1_H06		GM_71_A1_H06_MR
	8776	GM_71_A1_H07	GM_71_A1_H07_T7	
35	8777	GM_71_A1_H07		GM_71_A1_H07_MR
	8778	GM_71_A1_H08	GM_71_A1_H08_T7	
	8779	GM_71_A1_H08		GM_71_A1_H08_MR
	8780	GM_71_A1_H09	GM_71_A1_H09_T7	
	8781	GM_71_A1_H09		GM_71_A1_H09_MR
40	8782	GM_71_A1_H10	GM_71_A1_H10_T7	
	8783	GM_71_A1_H10		GM_71_A1_H10_MR
	8784	GM_71_A1_H11	GM_71_A1_H11_T7	
	8785	GM_71_A1_H11		GM_71_A1_H11_MR
	8786	GM_71_A1_H12	GM_71_A1_H12_T7	
45	8787	GM_71_A1_H12		GM_71_A1_H12_MR
	8788	GM_71_B1_A01	GM_71_B1_A01_T7	
	8789	GM_71_B1_A01		GM_71_B1_A01_MR
	8790	GM_71_B1_A02	GM_71_B1_A02_T7	
	8791	GM_71_B1_A02		GM_71_B1_A02_MR
50	8792	GM_71_B1_A03	GM_71_B1_A03_T7	
	8793	GM_71_B1_A03		GM_71_B1_A03_MR
	8794	GM_71_B1_A04	GM_71_B1_A04_T7	
	8795	GM_71_B1_A04		GM_71_B1_A04_MR
	8796	GM_71_B1_A05	GM_71_B1_A05_T7	
55	8797	GM_71_B1_A05		GM_71_B1_A05_MR

	8798	GM_71_B1_A06	GM_71_B1_A06_T7	
	8799	GM_71_B1_A06		GM_71_B1_A06_MR
	8800	GM_71_B1_A07	GM_71_B1_A07_T7	
	8801	GM_71_B1_A07		GM_71_B1_A07_MR
5	8802	GM_71_B1_A08	GM_71_B1_A08_T7	
	8803	GM_71_B1_A08		GM_71_B1_A08_MR
	8804	GM_71_B1_A09	GM_71_B1_A09_T7	
	8805	GM_71_B1_A09		GM_71_B1_A09_MR
	8806	GM_71_B1_A10	GM_71_B1_A10_T7	
10	8807	GM_71_B1_A10		GM_71_B1_A10_MR
	8808	GM_71_B1_A11	GM_71_B1_A11_T7	
	8809	GM_71_B1_A12	GM_71_B1_A12_T7	
	8810	GM_71_B1_A12		GM_71_B1_A12_MR
	8811	GM_71_B1_B01	GM_71_B1_B01_T7	
15	8812	GM_71_B1_B01		GM_71_B1_B01_MR
	8813	GM_71_B1_B02	GM_71_B1_B02_T7	
	8814	GM_71_B1_B02		GM_71_B1_B02_MR
	8815	GM_71_B1_B03	GM_71_B1_B03_T7	
	8816	GM_71_B1_B03		GM_71_B1_B03_MR
20	8817	GM_71_B1_B04	GM_71_B1_B04_T7	
	8818	GM_71_B1_B04		GM_71_B1_B04_MR
	8819	GM_71_B1_B05	GM_71_B1_B05_T7	
	8820	GM_71_B1_B05		GM_71_B1_B05_MR
	8821	GM_71_B1_B06	GM_71_B1_B06_T7	
25	8822	GM_71_B1_B06		GM_71_B1_B06_MR
	8823	GM_71_B1_B07	GM_71_B1_B07_T7	
	8824	GM_71_B1_B07		GM_71_B1_B07_MR
	8825	GM_71_B1_B08	GM_71_B1_B08_T7	
	8826	GM_71_B1_B08		GM_71_B1_B08_MR
30	8827	GM_71_B1_B09	GM_71_B1_B09_T7	
	8828	GM_71_B1_B09		GM_71_B1_B09_MR
	8829	GM_71_B1_B10	GM_71_B1_B10_T7	
	8830	GM_71_B1_B10		GM_71_B1_B10_MR
	8831	GM_71_B1_B11	GM_71_B1_B11_T7	
35	8832	GM_71_B1_B11		GM_71_B1_B11_MR
	8833	GM_71_B1_B12	GM_71_B1_B12_T7	
	8834	GM_71_B1_B12		GM_71_B1_B12_MR
	8835	GM_71_B1_C01	GM_71_B1_C01_T7	
	8836	GM_71_B1_C01		GM_71_B1_C01_MR
40	8837	GM_71_B1_C02	GM_71_B1_C02_T7	
	8838	GM_71_B1_C02		GM_71_B1_C02_MR
	8839	GM_71_B1_C03	GM_71_B1_C03_T7	
	8840	GM_71_B1_C04	GM_71_B1_C04_T7	
	8841	GM_71_B1_C04		GM_71_B1_C04_MR
45	8842	GM_71_B1_C05	GM_71_B1_C05_T7	
	8843	GM_71_B1_C05		GM_71_B1_C05_MR
	8844	GM_71_B1_C06	GM_71_B1_C06_T7	
	8845	GM_71_B1_C06		GM_71_B1_C06_MR
	8846	GM_71_B1_C07		GM_71_B1_C07_MR
50	8847	GM_71_B1_C08	GM_71_B1_C08_T7	
	8848	GM_71_B1_C08		GM_71_B1_C08_MR
	8849	GM_71_B1_C09		GM_71_B1_C09_MR
	8850	GM_71_B1_C10	GM_71_B1_C10_T7	
	8851	GM_71_B1_C10		GM_71_B1_C10_MR
55	8852	GM_71_B1_C11	GM_71_B1_C11_T7	

	8853	GM_71_B1_C11		GM_71_B1_C11_MR
	8854	GM_71_B1_C12	GM_71_B1_C12_T7	
	8855	GM_71_B1_C12		GM_71_B1_C12_MR
	8856	GM_71_B1_D02	GM_71_B1_D02_T7	
5	8857	GM_71_B1_D02		GM_71_B1_D02_MR
	8858	GM_71_B1_D03	GM_71_B1_D03_T7	
	8859	GM_71_B1_D03		GM_71_B1_D03_MR
	8860	GM_71_B1_D06	GM_71_B1_D06_T7	
	8861	GM_71_B1_D06		GM_71_B1_D06_MR
10	8862	GM_71_B1_D07	GM_71_B1_D07_T7	
	8863	GM_71_B1_D07		GM_71_B1_D07_MR
	8864	GM_71_B1_D08	GM_71_B1_D08_T7	
	8865	GM_71_B1_D08		GM_71_B1_D08_MR
	8866	GM_71_B1_D09	GM_71_B1_D09_T7	
15	8867	GM_71_B1_D09		GM_71_B1_D09_MR
	8868	GM_71_B1_D10	GM_71_B1_D10_T7	
	8869	GM_71_B1_D10		GM_71_B1_D10_MR
	8870	GM_71_B1_D11	GM_71_B1_D11_T7	
	8871	GM_71_B1_D11		GM_71_B1_D11_MR
20	8872	GM_71_B1_D12	GM_71_B1_D12_T7	
	8873	GM_71_B1_D12		GM_71_B1_D12_MR
	8874	GM_71_B1_E01	GM_71_B1_E01_T7	
	8875	GM_71_B1_E01		GM_71_B1_E01_MR
	8876	GM_71_B1_E02	GM_71_B1_E02_T7	
25	8877	GM_71_B1_E02		GM_71_B1_E02_MR
	8878	GM_71_B1_E03	GM_71_B1_E03_T7	
	8879	GM_71_B1_E03		GM_71_B1_E03_MR
	8880	GM_71_B1_E04	GM_71_B1_E04_T7	
	8881	GM_71_B1_E04		GM_71_B1_E04_MR
30	8882	GM_71_B1_E05	GM_71_B1_E05_T7	
	8883	GM_71_B1_E05		GM_71_B1_E05_MR
	8884	GM_71_B1_E06	GM_71_B1_E06_T7	
	8885	GM_71_B1_E06		GM_71_B1_E06_MR
	8886	GM_71_B1_E07	GM_71_B1_E07_T7	
35	8887	GM_71_B1_E07		GM_71_B1_E07_MR
	8888	GM_71_B1_E08	GM_71_B1_E08_T7	
	8889	GM_71_B1_E08		GM_71_B1_E08_MR
	8890	GM_71_B1_E09	GM_71_B1_E09_T7	
	8891	GM_71_B1_E09		GM_71_B1_E09_MR
40	8892	GM_71_B1_E10	GM_71_B1_E10_T7	
	8893	GM_71_B1_E10		GM_71_B1_E10_MR
	8894	GM_71_B1_E11	GM_71_B1_E11_T7	
	8895	GM_71_B1_E12	GM_71_B1_E12_T7	
	8896	GM_71_B1_E12		GM_71_B1_E12_MR
45	8897	GM_71_B1_F01	GM_71_B1_F01_T7	
	8898	GM_71_B1_F01		GM_71_B1_F01_MR
	8899	GM_71_B1_F02	GM_71_B1_F02_T7	
	8900	GM_71_B1_F02		GM_71_B1_F02_MR
	8901	GM_71_B1_F03	GM_71_B1_F03_T7	
50	8902	GM_71_B1_F03		GM_71_B1_F03_MR
	8903	GM_71_B1_F04	GM_71_B1_F04_T7	
	8904	GM_71_B1_F04		GM_71_B1_F04_MR
	8905	GM_71_B1_F05	GM_71_B1_F05_T7	
	8906	GM_71_B1_F05		GM_71_B1_F05_MR
55	8907	GM_71_B1_F06	GM_71_B1_F06_T7	

	8908	GM_71_B1_F06		GM_71_B1_F06_MR
	8909	GM_71_B1_F07	GM_71_B1_F07_T7	
	8910	GM_71_B1_F07		GM_71_B1_F07_MR
	8911	GM_71_B1_F09	GM_71_B1_F09_T7	
5	8912	GM_71_B1_F09		GM_71_B1_F09_MR
	8913	GM_71_B1_F10	GM_71_B1_F10_T7	
	8914	GM_71_B1_F10		GM_71_B1_F10_MR
	8915	GM_71_B1_F11	GM_71_B1_F11_T7	
	8916	GM_71_B1_F11		GM_71_B1_F11_MR
10	8917	GM_71_B1_F12	GM_71_B1_F12_T7	
	8918	GM_71_B1_F12		GM_71_B1_F12_MR
	8919	GM_71_B1_G01	GM_71_B1_G01_T7	
	8920	GM_71_B1_G01		GM_71_B1_G01_MR
	8921	GM_71_B1_G02	GM_71_B1_G02_T7	
15	8922	GM_71_B1_G02		GM_71_B1_G02_MR
	8923	GM_71_B1_G03	GM_71_B1_G03_T7	
	8924	GM_71_B1_G03		GM_71_B1_G03_MR
	8925	GM_71_B1_G04	GM_71_B1_G04_T7	
	8926	GM_71_B1_G04		GM_71_B1_G04_MR
20	8927	GM_71_B1_G05	GM_71_B1_G05_T7	
	8928	GM_71_B1_G05		GM_71_B1_G05_MR
	8929	GM_71_B1_G06	GM_71_B1_G06_T7	
	8930	GM_71_B1_G06		GM_71_B1_G06_MR
	8931	GM_71_B1_G07	GM_71_B1_G07_T7	
25	8932	GM_71_B1_G07		GM_71_B1_G07_MR
	8933	GM_71_B1_G08	GM_71_B1_G08_T7	
	8934	GM_71_B1_G08		GM_71_B1_G08_MR
	8935	GM_71_B1_G09	GM_71_B1_G09_T7	
	8936	GM_71_B1_G09		GM_71_B1_G09_MR
30	8937	GM_71_B1_G10	GM_71_B1_G10_T7	
	8938	GM_71_B1_G10		GM_71_B1_G10_MR
	8939	GM_71_B1_G11	GM_71_B1_G11_T7	
	8940	GM_71_B1_G11		GM_71_B1_G11_MR
	8941	GM_71_B1_G12	GM_71_B1_G12_T7	
35	8942	GM_71_B1_G12		GM_71_B1_G12_MR
	8943	GM_71_B1_H01		GM_71_B1_H01_MR
	8944	GM_71_B1_H02	GM_71_B1_H02_T7	
	8945	GM_71_B1_H02		GM_71_B1_H02_MR
	8946	GM_71_B1_H04		GM_71_B1_H04_MR
40	8947	GM_71_B1_H05	GM_71_B1_H05_T7	
	8948	GM_71_B1_H06	GM_71_B1_H06_T7	
	8949	GM_71_B1_H06		GM_71_B1_H06_MR
	8950	GM_71_B1_H07	GM_71_B1_H07_T7	
	8951	GM_71_B1_H07		GM_71_B1_H07_MR
45	8952	GM_71_B1_H09	GM_71_B1_H09_T7	
	8953	GM_71_B1_H09		GM_71_B1_H09_MR
	8954	GM_71_B1_H11	GM_71_B1_H11_T7	
	8955	GM_71_B1_H11		GM_71_B1_H11_MR
	8956	GM_71_B1_H12	GM_71_B1_H12_T7	
50	8957	GM_71_B1_H12		GM_71_B1_H12_MR
	8958	GM_71_B2_A02	GM_71_B2_A02_T7	
	8959	GM_71_B2_A03	GM_71_B2_A03_T7	
	8960	GM_71_B2_A04	GM_71_B2_A04_T7	
	8961	GM_71_B2_A05	GM_71_B2_A05_T7	
55	8962	GM_71_B2_A06	GM_71_B2_A06_T7	

	8963	GM_71_B2_A07	GM_71_B2_A07_T7
	8964	GM_71_B2_A08	GM_71_B2_A08_T7
	8965	GM_71_B2_A09	GM_71_B2_A09_T7
	8966	GM_71_B2_A11	GM_71_B2_A11_T7
5	8967	GM_71_B2_A12	GM_71_B2_A12_T7
	8968	GM_71_B2_B01	GM_71_B2_B01_T7
	8969	GM_71_B2_B02	GM_71_B2_B02_T7
	8970	GM_71_B2_B03	GM_71_B2_B03_T7
	8971	GM_71_B2_B04	GM_71_B2_B04_T7
10	8972	GM_71_B2_B05	GM_71_B2_B05_T7
	8973	GM_71_B2_B06	GM_71_B2_B06_T7
	8974	GM_71_B2_B07	GM_71_B2_B07_T7
	8975	GM_71_B2_B08	GM_71_B2_B08_T7
	8976	GM_71_B2_B10	GM_71_B2_B10_T7
15	8977	GM_71_B2_B11	GM_71_B2_B11_T7
	8978	GM_71_B2_C01	GM_71_B2_C01_T7
	8979	GM_71_B2_C02	GM_71_B2_C02_T7
	8980	GM_71_B2_C03	GM_71_B2_C03_T7
	8981	GM_71_B2_C04	GM_71_B2_C04_T7
20	8982	GM_71_B2_C05	GM_71_B2_C05_T7
	8983	GM_71_B2_C06	GM_71_B2_C06_T7
	8984	GM_71_B2_C07	GM_71_B2_C07_T7
	8985	GM_71_B2_C08	GM_71_B2_C08_T7
	8986	GM_71_B2_C09	GM_71_B2_C09_T7
25	8987	GM_71_B2_C11	GM_71_B2_C11_T7
	8988	GM_71_B2_D01	GM_71_B2_D01_T7
	8989	GM_71_B2_D02	GM_71_B2_D02_T7
	8990	GM_71_B2_D03	GM_71_B2_D03_T7
	8991	GM_71_B2_D04	GM_71_B2_D04_T7
30	8992	GM_71_B2_D05	GM_71_B2_D05_T7
	8993	GM_71_B2_D06	GM_71_B2_D06_T7
	8994	GM_71_B2_D07	GM_71_B2_D07_T7
	8995	GM_71_B2_D08	GM_71_B2_D08_T7
	8996	GM_71_B2_D09	GM_71_B2_D09_T7
35	8997	GM_71_B2_D10	GM_71_B2_D10_T7
	8998	GM_71_B2_D12	GM_71_B2_D12_T7
	8999	GM_71_B2_E01	GM_71_B2_E01_T7
	9000	GM_71_B2_E02	GM_71_B2_E02_T7
	9001	GM_71_B2_E03	GM_71_B2_E03_T7
40	9002	GM_71_B2_E04	GM_71_B2_E04_T7
	9003	GM_71_B2_E05	GM_71_B2_E05_T7
	9004	GM_71_B2_E06	GM_71_B2_E06_T7
	9005	GM_71_B2_E07	GM_71_B2_E07_T7
	9006	GM_71_B2_E08	GM_71_B2_E08_T7
45	9007	GM_71_B2_E09	GM_71_B2_E09_T7
	9008	GM_71_B2_E10	GM_71_B2_E10_T7
	9009	GM_71_B2_E11	GM_71_B2_E11_T7
	9010	GM_71_B2_E12	GM_71_B2_E12_T7
	9011	GM_71_B2_F01	GM_71_B2_F01_T7
50	9012	GM_71_B2_F02	GM_71_B2_F02_T7
	9013	GM_71_B2_F03	GM_71_B2_F03_T7
	9014	GM_71_B2_F04	GM_71_B2_F04_T7
	9015	GM_71_B2_F05	GM_71_B2_F05_T7
	9016	GM_71_B2_F07	GM_71_B2_F07_T7
55	9017	GM_71_B2_F08	GM_71_B2_F08_T7

	9018	GM_71_B2_F09	GM_71_B2_F09_T7	
	9019	GM_71_B2_F10	GM_71_B2_F10_T7	
	9020	GM_71_B2_F11	GM_71_B2_F11_T7	
	9021	GM_71_B2_G01	GM_71_B2_G01_T7	
5	9022	GM_71_B2_G02	GM_71_B2_G02_T7	
	9023	GM_71_B2_G03	GM_71_B2_G03_T7	
	9024	GM_71_B2_G04	GM_71_B2_G04_T7	
	9025	GM_71_B2_G05	GM_71_B2_G05_T7	
	9026	GM_71_B2_G06	GM_71_B2_G06_T7	
10	9027	GM_71_B2_G07	GM_71_B2_G07_T7	
	9028	GM_71_B2_G08	GM_71_B2_G08_T7	
	9029	GM_71_B2_G10	GM_71_B2_G10_T7	
	9030	GM_71_B2_G11	GM_71_B2_G11_T7	
	9031	GM_71_B2_G12	GM_71_B2_G12_T7	
15	9032	GM_71_B2_H01	GM_71_B2_H01_T7	
	9033	GM_71_B2_H02	GM_71_B2_H02_T7	
	9034	GM_71_B2_H03	GM_71_B2_H03_T7	
	9035	GM_71_B2_H04	GM_71_B2_H04_T7	
	9036	GM_71_B2_H05	GM_71_B2_H05_T7	
20	9037	GM_71_B2_H06	GM_71_B2_H06_T7	
	9038	GM_71_B2_H07	GM_71_B2_H07_T7	
	9039	GM_71_B2_H08	GM_71_B2_H08_T7	
	9040	GM_71_B2_H09	GM_71_B2_H09_T7	
	9041	GM_71_B2_H10	GM_71_B2_H10_T7	
25	9042	GM_71_B2_H11	GM_71_B2_H11_T7	
	9043	GM_71_B2_H12	GM_71_B2_H12_T7	
	9044	GM_72_A1_A01		GM_72_A1_A01_MR
	9045	GM_72_A1_A02	GM_72_A1_A02_T7	
	9046	GM_72_A1_A02		GM_72_A1_A02_MR
30	9047	GM_72_A1_A03	GM_72_A1_A03_T7	
	9048	GM_72_A1_A03		GM_72_A1_A03_MR
	9049	GM_72_A1_A04	GM_72_A1_A04_T7	
	9050	GM_72_A1_A05	GM_72_A1_A05_T7	
	9051	GM_72_A1_A05		GM_72_A1_A05_MR
35	9052	GM_72_A1_A06	GM_72_A1_A06_T7	
	9053	GM_72_A1_A06		GM_72_A1_A06_MR
	9054	GM_72_A1_A07		GM_72_A1_A07_MR
	9055	GM_72_A1_A08	GM_72_A1_A08_T7	
	9056	GM_72_A1_A08		GM_72_A1_A08_MR
40	9057	GM_72_A1_A09	GM_72_A1_A09_T7	
	9058	GM_72_A1_A10	GM_72_A1_A10_T7	
	9059	GM_72_A1_A10		GM_72_A1_A10_MR
	9060	GM_72_A1_A11		GM_72_A1_A11_MR
	9061	GM_72_A1_B01	GM_72_A1_B01_T7	
45	9062	GM_72_A1_B01		GM_72_A1_B01_MR
	9063	GM_72_A1_B02		GM_72_A1_B02_MR
	9064	GM_72_A1_B03	GM_72_A1_B03_T7	
	9065	GM_72_A1_B03		GM_72_A1_B03_MR
	9066	GM_72_A1_B04	GM_72_A1_B04_T7	
50	9067	GM_72_A1_B05	GM_72_A1_B05_T7	
	9068	GM_72_A1_B05		GM_72_A1_B05_MR
	9069	GM_72_A1_B06	GM_72_A1_B06_T7	
	9070	GM_72_A1_B06		GM_72_A1_B06_MR
	9071	GM_72_A1_B08	GM_72_A1_B08_T7	
55	9072	GM_72_A1_B08		GM_72_A1_B08_MR

	9073	GM_72_A1_B09	GM_72_A1_B09_T7	
	9074	GM_72_A1_B09		GM_72_A1_B09_MR
	9075	GM_72_A1_B10	GM_72_A1_B10_T7	
	9076	GM_72_A1_B10		GM_72_A1_B10_MR
5	9077	GM_72_A1_B11		GM_72_A1_B11_MR
	9078	GM_72_A1_B12	GM_72_A1_B12_T7	
	9079	GM_72_A1_B12		GM_72_A1_B12_MR
	9080	GM_72_A1_C01		GM_72_A1_C01_MR
	9081	GM_72_A1_C02	GM_72_A1_C02_T7	
10	9082	GM_72_A1_C02		GM_72_A1_C02_MR
	9083	GM_72_A1_C03	GM_72_A1_C03_T7	
	9084	GM_72_A1_C03		GM_72_A1_C03_MR
	9085	GM_72_A1_C04	GM_72_A1_C04_T7	
	9086	GM_72_A1_C04		GM_72_A1_C04_MR
15	9087	GM_72_A1_C05	GM_72_A1_C05_T7	
	9088	GM_72_A1_C05		GM_72_A1_C05_MR
	9089	GM_72_A1_C06	GM_72_A1_C06_T7	
	9090	GM_72_A1_C06		GM_72_A1_C06_MR
	9091	GM_72_A1_C07	GM_72_A1_C07_T7	
20	9092	GM_72_A1_C07		GM_72_A1_C07_MR
	9093	GM_72_A1_C08	GM_72_A1_C08_T7	
	9094	GM_72_A1_C08		GM_72_A1_C08_MR
	9095	GM_72_A1_C09	GM_72_A1_C09_T7	
	9096	GM_72_A1_C09		GM_72_A1_C09_MR
25	9097	GM_72_A1_C10	GM_72_A1_C10_T7	
	9098	GM_72_A1_C10		GM_72_A1_C10_MR
	9099	GM_72_A1_C11	GM_72_A1_C11_T7	
	9100	GM_72_A1_C11		GM_72_A1_C11_MR
	9101	GM_72_A1_C12		GM_72_A1_C12_MR
30	9102	GM_72_A1_D01	GM_72_A1_D01_T7	
	9103	GM_72_A1_D01		GM_72_A1_D01_MR
	9104	GM_72_A1_D02	GM_72_A1_D02_T7	
	9105	GM_72_A1_D02		GM_72_A1_D02_MR
	9106	GM_72_A1_D03	GM_72_A1_D03_T7	
35	9107	GM_72_A1_D03		GM_72_A1_D03_MR
	9108	GM_72_A1_D04	GM_72_A1_D04_T7	
	9109	GM_72_A1_D04		GM_72_A1_D04_MR
	9110	GM_72_A1_D05	GM_72_A1_D05_T7	
	9111	GM_72_A1_D05		GM_72_A1_D05_MR
40	9112	GM_72_A1_D06	GM_72_A1_D06_T7	
	9113	GM_72_A1_D07	GM_72_A1_D07_T7	
	9114	GM_72_A1_D07		GM_72_A1_D07_MR
	9115	GM_72_A1_D08	GM_72_A1_D08_T7	
	9116	GM_72_A1_D08		GM_72_A1_D08_MR
45	9117	GM_72_A1_D09	GM_72_A1_D09_T7	
	9118	GM_72_A1_D09		GM_72_A1_D09_MR
	9119	GM_72_A1_D10	GM_72_A1_D10_T7	
	9120	GM_72_A1_D10		GM_72_A1_D10_MR
	9121	GM_72_A1_D11	GM_72_A1_D11_T7	
50	9122	GM_72_A1_D11		GM_72_A1_D11_MR
	9123	GM_72_A1_D12	GM_72_A1_D12_T7	
	9124	GM_72_A1_D12		GM_72_A1_D12_MR
	9125	GM_72_A1_E01	GM_72_A1_E01_T7	
	9126	GM_72_A1_E01		GM_72_A1_E01_MR
55	9127	GM_72_A1_E02		GM_72_A1_E02_MR

	9128	GM_72_A1_E03	GM_72_A1_E03_T7	
	9129	GM_72_A1_E03		GM_72_A1_E03_MR
	9130	GM_72_A1_E04	GM_72_A1_E04_T7	
	9131	GM_72_A1_E04		GM_72_A1_E04_MR
5	9132	GM_72_A1_E05	GM_72_A1_E05_T7	
	9133	GM_72_A1_E05		GM_72_A1_E05_MR
	9134	GM_72_A1_E06	GM_72_A1_E06_T7	
	9135	GM_72_A1_E06		GM_72_A1_E06_MR
	9136	GM_72_A1_E07	GM_72_A1_E07_T7	
10	9137	GM_72_A1_E07		GM_72_A1_E07_MR
	9138	GM_72_A1_E08		GM_72_A1_E08_MR
	9139	GM_72_A1_E09	GM_72_A1_E09_T7	
	9140	GM_72_A1_E09		GM_72_A1_E09_MR
	9141	GM_72_A1_E10	GM_72_A1_E10_T7	
15	9142	GM_72_A1_E10		GM_72_A1_E10_MR
	9143	GM_72_A1_E11		GM_72_A1_E11_MR
	9144	GM_72_A1_E12	GM_72_A1_E12_T7	
	9145	GM_72_A1_E12		GM_72_A1_E12_MR
	9146	GM_72_A1_F01	GM_72_A1_F01_T7	
20	9147	GM_72_A1_F01		GM_72_A1_F01_MR
	9148	GM_72_A1_F02		GM_72_A1_F02_MR
	9149	GM_72_A1_F03		GM_72_A1_F03_MR
	9150	GM_72_A1_F04	GM_72_A1_F04_T7	
	9151	GM_72_A1_F04		GM_72_A1_F04_MR
25	9152	GM_72_A1_F05	GM_72_A1_F05_T7	
	9153	GM_72_A1_F05		GM_72_A1_F05_MR
	9154	GM_72_A1_F06	GM_72_A1_F06_T7	
	9155	GM_72_A1_F06		GM_72_A1_F06_MR
	9156	GM_72_A1_F07	GM_72_A1_F07_T7	
30	9157	GM_72_A1_F07		GM_72_A1_F07_MR
	9158	GM_72_A1_F08	GM_72_A1_F08_T7	
	9159	GM_72_A1_F08		GM_72_A1_F08_MR
	9160	GM_72_A1_F09	GM_72_A1_F09_T7	
	9161	GM_72_A1_F09		GM_72_A1_F09_MR
35	9162	GM_72_A1_F10	GM_72_A1_F10_T7	
	9163	GM_72_A1_F10		GM_72_A1_F10_MR
	9164	GM_72_A1_F11	GM_72_A1_F11_T7	
	9165	GM_72_A1_F11		GM_72_A1_F11_MR
	9166	GM_72_A1_F12		GM_72_A1_F12_MR
40	9167	GM_72_A1_G01	GM_72_A1_G01_T7	
	9168	GM_72_A1_G01		GM_72_A1_G01_MR
	9169	GM_72_A1_G02	GM_72_A1_G02_T7	
	9170	GM_72_A1_G02		GM_72_A1_G02_MR
	9171	GM_72_A1_G03	GM_72_A1_G03_T7	
45	9172	GM_72_A1_G03		GM_72_A1_G03_MR
	9173	GM_72_A1_G04	GM_72_A1_G04_T7	
	9174	GM_72_A1_G04		GM_72_A1_G04_MR
	9175	GM_72_A1_G05	GM_72_A1_G05_T7	
	9176	GM_72_A1_G05		GM_72_A1_G05_MR
50	9177	GM_72_A1_G06	GM_72_A1_G06_T7	
	9178	GM_72_A1_G06		GM_72_A1_G06_MR
	9179	GM_72_A1_G07	GM_72_A1_G07_T7	
	9180	GM_72_A1_G07		GM_72_A1_G07_MR
	9181	GM_72_A1_G08	GM_72_A1_G08_T7	
55	9182	GM_72_A1_G08		GM_72_A1_G08_MR

	9183	GM_72_A1_G09	GM_72_A1_G09_T7	
	9184	GM_72_A1_G09		GM_72_A1_G09_MR
	9185	GM_72_A1_G10	GM_72_A1_G10_T7	
	9186	GM_72_A1_G10		GM_72_A1_G10_MR
5	9187	GM_72_A1_G11	GM_72_A1_G11_T7	
	9188	GM_72_A1_G11		GM_72_A1_G11_MR
	9189	GM_72_A1_G12	GM_72_A1_G12_T7	
	9190	GM_72_A1_G12		GM_72_A1_G12_MR
	9191	GM_72_A1_H01	GM_72_A1_H01_T7	
10	9192	GM_72_A1_H02	GM_72_A1_H02_T7	
	9193	GM_72_A1_H02		GM_72_A1_H02_MR
	9194	GM_72_A1_H03	GM_72_A1_H03_T7	
	9195	GM_72_A1_H03		GM_72_A1_H03_MR
	9196	GM_72_A1_H04	GM_72_A1_H04_T7	
15	9197	GM_72_A1_H04		GM_72_A1_H04_MR
	9198	GM_72_A1_H05	GM_72_A1_H05_T7	
	9199	GM_72_A1_H05		GM_72_A1_H05_MR
	9200	GM_72_A1_H06	GM_72_A1_H06_T7	
	9201	GM_72_A1_H06		GM_72_A1_H06_MR
20	9202	GM_72_A1_H07	GM_72_A1_H07_T7	
	9203	GM_72_A1_H07		GM_72_A1_H07_MR
	9204	GM_72_A1_H08	GM_72_A1_H08_T7	
	9205	GM_72_A1_H08		GM_72_A1_H08_MR
	9206	GM_72_A1_H09	GM_72_A1_H09_T7	
25	9207	GM_72_A1_H09		GM_72_A1_H09_MR
	9208	GM_72_A1_H10	GM_72_A1_H10_T7	
	9209	GM_72_A1_H10		GM_72_A1_H10_MR
	9210	GM_72_A1_H11	GM_72_A1_H11_T7	
	9211	GM_72_A1_H11		GM_72_A1_H11_MR
30	9212	GM_72_A1_H12	GM_72_A1_H12_T7	
	9213	GM_72_A1_H12		GM_72_A1_H12_MR
	9214	GM_72_A2_A01	GM_72_A2_A01_T7	
	9215	GM_72_A2_A02	GM_72_A2_A02_T7	
	9216	GM_72_A2_A02		GM_72_A2_A02_MR
35	9217	GM_72_A2_A03	GM_72_A2_A03_T7	
	9218	GM_72_A2_A03		GM_72_A2_A03_MR
	9219	GM_72_A2_A04	GM_72_A2_A04_T7	
	9220	GM_72_A2_A04		GM_72_A2_A04_MR
	9221	GM_72_A2_A05	GM_72_A2_A05_T7	
40	9222	GM_72_A2_A05		GM_72_A2_A05_MR
	9223	GM_72_A2_A06		GM_72_A2_A06_MR
	9224	GM_72_A2_A07	GM_72_A2_A07_T7	
	9225	GM_72_A2_A07		GM_72_A2_A07_MR
	9226	GM_72_A2_A08	GM_72_A2_A08_T7	
45	9227	GM_72_A2_A08		GM_72_A2_A08_MR
	9228	GM_72_A2_A09		GM_72_A2_A09_MR
	9229	GM_72_A2_A10	GM_72_A2_A10_T7	
	9230	GM_72_A2_A10		GM_72_A2_A10_MR
	9231	GM_72_A2_A11	GM_72_A2_A11_T7	
50	9232	GM_72_A2_A11		GM_72_A2_A11_MR
	9233	GM_72_A2_A12	GM_72_A2_A12_T7	
	9234	GM_72_A2_A12		GM_72_A2_A12_MR
	9235	GM_72_A2_B01	GM_72_A2_B01_T7	
	9236	GM_72_A2_B01		GM_72_A2_B01_MR
55	9237	GM_72_A2_B02	GM_72_A2_B02_T7	

	9238	GM_72_A2_B02		GM_72_A2_B02_MR
	9239	GM_72_A2_B03	GM_72_A2_B03_T7	
	9240	GM_72_A2_B03		GM_72_A2_B03_MR
	9241	GM_72_A2_B04	GM_72_A2_B04_T7	
5	9242	GM_72_A2_B04		GM_72_A2_B04_MR
	9243	GM_72_A2_B05	GM_72_A2_B05_T7	
	9244	GM_72_A2_B05		GM_72_A2_B05_MR
	9245	GM_72_A2_B06	GM_72_A2_B06_T7	
	9246	GM_72_A2_B06		GM_72_A2_B06_MR
10	9247	GM_72_A2_B07	GM_72_A2_B07_T7	
	9248	GM_72_A2_B07		GM_72_A2_B07_MR
	9249	GM_72_A2_B08	GM_72_A2_B08_T7	
	9250	GM_72_A2_B08		GM_72_A2_B08_MR
	9251	GM_72_A2_B09	GM_72_A2_B09_T7	
15	9252	GM_72_A2_B09		GM_72_A2_B09_MR
	9253	GM_72_A2_B10	GM_72_A2_B10_T7	
	9254	GM_72_A2_B10		GM_72_A2_B10_MR
	9255	GM_72_A2_B11	GM_72_A2_B11_T7	
	9256	GM_72_A2_B11		GM_72_A2_B11_MR
20	9257	GM_72_A2_B12		GM_72_A2_B12_MR
	9258	GM_72_A2_C01		GM_72_A2_C01_MR
	9259	GM_72_A2_C02	GM_72_A2_C02_T7	
	9260	GM_72_A2_C02		GM_72_A2_C02_MR
	9261	GM_72_A2_C03	GM_72_A2_C03_T7	
25	9262	GM_72_A2_C03		GM_72_A2_C03_MR
	9263	GM_72_A2_C04	GM_72_A2_C04_T7	
	9264	GM_72_A2_C04		GM_72_A2_C04_MR
	9265	GM_72_A2_C05	GM_72_A2_C05_T7	
	9266	GM_72_A2_C05		GM_72_A2_C05_MR
30	9267	GM_72_A2_C06	GM_72_A2_C06_T7	
	9268	GM_72_A2_C06		GM_72_A2_C06_MR
	9269	GM_72_A2_C07	GM_72_A2_C07_T7	
	9270	GM_72_A2_C07		GM_72_A2_C07_MR
	9271	GM_72_A2_C08	GM_72_A2_C08_T7	
35	9272	GM_72_A2_C08		GM_72_A2_C08_MR
	9273	GM_72_A2_C09	GM_72_A2_C09_T7	
	9274	GM_72_A2_C09		GM_72_A2_C09_MR
	9275	GM_72_A2_C10	GM_72_A2_C10_T7	
	9276	GM_72_A2_C10		GM_72_A2_C10_MR
40	9277	GM_72_A2_C11	GM_72_A2_C11_T7	
	9278	GM_72_A2_C11		GM_72_A2_C11_MR
	9279	GM_72_A2_D01	GM_72_A2_D01_T7	
	9280	GM_72_A2_D01		GM_72_A2_D01_MR
	9281	GM_72_A2_D02	GM_72_A2_D02_T7	
45	9282	GM_72_A2_D02		GM_72_A2_D02_MR
	9283	GM_72_A2_D03	GM_72_A2_D03_T7	
	9284	GM_72_A2_D03		GM_72_A2_D03_MR
	9285	GM_72_A2_D04	GM_72_A2_D04_T7	
	9286	GM_72_A2_D04		GM_72_A2_D04_MR
50	9287	GM_72_A2_D05	GM_72_A2_D05_T7	
	9288	GM_72_A2_D05		GM_72_A2_D05_MR
	9289	GM_72_A2_D06	GM_72_A2_D06_T7	
	9290	GM_72_A2_D06		GM_72_A2_D06_MR
	9291	GM_72_A2_D08	GM_72_A2_D08_T7	
55	9292	GM_72_A2_D08		GM_72_A2_D08_MR

	9293	GM_72_A2_D09	GM_72_A2_D09_T7	
	9294	GM_72_A2_D09		GM_72_A2_D09_MR
	9295	GM_72_A2_D10	GM_72_A2_D10_T7	
	9296	GM_72_A2_D10		GM_72_A2_D10_MR
5	9297	GM_72_A2_D11	GM_72_A2_D11_T7	
	9298	GM_72_A2_D11		GM_72_A2_D11_MR
	9299	GM_72_A2_E01	GM_72_A2_E01_T7	
	9300	GM_72_A2_E01		GM_72_A2_E01_MR
	9301	GM_72_A2_E02	GM_72_A2_E02_T7	
10	9302	GM_72_A2_E02		GM_72_A2_E02_MR
	9303	GM_72_A2_E03	GM_72_A2_E03_T7	
	9304	GM_72_A2_E03		GM_72_A2_E03_MR
	9305	GM_72_A2_E04	GM_72_A2_E04_T7	
	9306	GM_72_A2_E04		GM_72_A2_E04_MR
15	9307	GM_72_A2_E05	GM_72_A2_E05_T7	
	9308	GM_72_A2_E05		GM_72_A2_E05_MR
	9309	GM_72_A2_E06	GM_72_A2_E06_T7	
	9310	GM_72_A2_E06		GM_72_A2_E06_MR
	9311	GM_72_A2_E07	GM_72_A2_E07_T7	
20	9312	GM_72_A2_E07		GM_72_A2_E07_MR
	9313	GM_72_A2_E08	GM_72_A2_E08_T7	
	9314	GM_72_A2_E08		GM_72_A2_E08_MR
	9315	GM_72_A2_E09	GM_72_A2_E09_T7	
	9316	GM_72_A2_E10	GM_72_A2_E10_T7	
25	9317	GM_72_A2_E10		GM_72_A2_E10_MR
	9318	GM_72_A2_E11	GM_72_A2_E11_T7	
	9319	GM_72_A2_E11		GM_72_A2_E11_MR
	9320	GM_72_A2_E12	GM_72_A2_E12_T7	
	9321	GM_72_A2_E12		GM_72_A2_E12_MR
30	9322	GM_72_A2_F01	GM_72_A2_F01_T7	
	9323	GM_72_A2_F01		GM_72_A2_F01_MR
	9324	GM_72_A2_F02	GM_72_A2_F02_T7	
	9325	GM_72_A2_F02		GM_72_A2_F02_MR
	9326	GM_72_A2_F03	GM_72_A2_F03_T7	
35	9327	GM_72_A2_F03		GM_72_A2_F03_MR
	9328	GM_72_A2_F04	GM_72_A2_F04_T7	
	9329	GM_72_A2_F04		GM_72_A2_F04_MR
	9330	GM_72_A2_F05	GM_72_A2_F05_T7	
	9331	GM_72_A2_F05		GM_72_A2_F05_MR
40	9332	GM_72_A2_F06	GM_72_A2_F06_T7	
	9333	GM_72_A2_F06		GM_72_A2_F06_MR
	9334	GM_72_A2_F07	GM_72_A2_F07_T7	
	9335	GM_72_A2_F07		GM_72_A2_F07_MR
	9336	GM_72_A2_F08	GM_72_A2_F08_T7	
45	9337	GM_72_A2_F08		GM_72_A2_F08_MR
	9338	GM_72_A2_F09	GM_72_A2_F09_T7	
	9339	GM_72_A2_F10	GM_72_A2_F10_T7	
	9340	GM_72_A2_F10		GM_72_A2_F10_MR
	9341	GM_72_A2_F11	GM_72_A2_F11_T7	
50	9342	GM_72_A2_F11		GM_72_A2_F11_MR
	9343	GM_72_A2_F12	GM_72_A2_F12_T7	
	9344	GM_72_A2_F12		GM_72_A2_F12_MR
	9345	GM_72_A2_G01	GM_72_A2_G01_T7	
	9346	GM_72_A2_G02	GM_72_A2_G02_T7	
55	9347	GM_72_A2_G02		GM_72_A2_G02_MR

	9348	GM_72_A2_G03	GM_72_A2_G03_T7	
	9349	GM_72_A2_G03		GM_72_A2_G03_MR
	9350	GM_72_A2_G04	GM_72_A2_G04_T7	
	9351	GM_72_A2_G04		GM_72_A2_G04_MR
5	9352	GM_72_A2_G05		GM_72_A2_G05_MR
	9353	GM_72_A2_G06	GM_72_A2_G06_T7	
	9354	GM_72_A2_G06		GM_72_A2_G06_MR
	9355	GM_72_A2_G07	GM_72_A2_G07_T7	
	9356	GM_72_A2_G07		GM_72_A2_G07_MR
10	9357	GM_72_A2_G08	GM_72_A2_G08_T7	
	9358	GM_72_A2_G08		GM_72_A2_G08_MR
	9359	GM_72_A2_G09	GM_72_A2_G09_T7	
	9360	GM_72_A2_G09		GM_72_A2_G09_MR
	9361	GM_72_A2_G10	GM_72_A2_G10_T7	
15	9362	GM_72_A2_G10		GM_72_A2_G10_MR
	9363	GM_72_A2_G11	GM_72_A2_G11_T7	
	9364	GM_72_A2_G11		GM_72_A2_G11_MR
	9365	GM_72_A2_G12	GM_72_A2_G12_T7	
	9366	GM_72_A2_G12		GM_72_A2_G12_MR
20	9367	GM_72_A2_H01	GM_72_A2_H01_T7	
	9368	GM_72_A2_H02	GM_72_A2_H02_T7	
	9369	GM_72_A2_H02		GM_72_A2_H02_MR
	9370	GM_72_A2_H03	GM_72_A2_H03_T7	
	9371	GM_72_A2_H03		GM_72_A2_H03_MR
25	9372	GM_72_A2_H04	GM_72_A2_H04_T7	
	9373	GM_72_A2_H04		GM_72_A2_H04_MR
	9374	GM_72_A2_H05	GM_72_A2_H05_T7	
	9375	GM_72_A2_H05		GM_72_A2_H05_MR
	9376	GM_72_A2_H06	GM_72_A2_H06_T7	
30	9377	GM_72_A2_H06		GM_72_A2_H06_MR
	9378	GM_72_A2_H07		GM_72_A2_H07_MR
	9379	GM_72_A2_H08	GM_72_A2_H08_T7	
	9380	GM_72_A2_H08		GM_72_A2_H08_MR
	9381	GM_72_A2_H09	GM_72_A2_H09_T7	
35	9382	GM_72_A2_H09		GM_72_A2_H09_MR
	9383	GM_72_A2_H10	GM_72_A2_H10_T7	
	9384	GM_72_A2_H10		GM_72_A2_H10_MR
	9385	GM_72_A2_H11	GM_72_A2_H11_T7	
	9386	GM_72_A2_H11		GM_72_A2_H11_MR
40	9387	GM_72_A2_H12	GM_72_A2_H12_T7	
	9388	GM_72_A2_H12		GM_72_A2_H12_MR
	9389	GM_73_A1_A01	GM_73_A1_A01_T7	
	9390	GM_73_A1_A01		GM_73_A1_A01_MR
	9391	GM_73_A1_A02	GM_73_A1_A02_T7	
45	9392	GM_73_A1_A03		GM_73_A1_A03_MR
	9393	GM_73_A1_A04	GM_73_A1_A04_T7	
	9394	GM_73_A1_A04		GM_73_A1_A04_MR
	9395	GM_73_A1_A05	GM_73_A1_A05_T7	
	9396	GM_73_A1_A06	GM_73_A1_A06_T7	
50	9397	GM_73_A1_A06		GM_73_A1_A06_MR
	9398	GM_73_A1_A07	GM_73_A1_A07_T7	
	9399	GM_73_A1_A07		GM_73_A1_A07_MR
	9400	GM_73_A1_A08	GM_73_A1_A08_T7	
	9401	GM_73_A1_A08		GM_73_A1_A08_MR
55	9402	GM_73_A1_A09	GM_73_A1_A09_T7	

	9403	GM_73_A1_A09		GM_73_A1_A09_MR
	9404	GM_73_A1_A10	GM_73_A1_A10_T7	
	9405	GM_73_A1_A10		GM_73_A1_A10_MR
	9406	GM_73_A1_A11	GM_73_A1_A11_T7	
5	9407	GM_73_A1_A11		GM_73_A1_A11_MR
	9408	GM_73_A1_A12	GM_73_A1_A12_T7	
	9409	GM_73_A1_A12		GM_73_A1_A12_MR
	9410	GM_73_A1_B01		GM_73_A1_B01_MR
	9411	GM_73_A1_B02	GM_73_A1_B02_T7	
10	9412	GM_73_A1_B03	GM_73_A1_B03_T7	
	9413	GM_73_A1_B03		GM_73_A1_B03_MR
	9414	GM_73_A1_B04	GM_73_A1_B04_T7	
	9415	GM_73_A1_B04		GM_73_A1_B04_MR
	9416	GM_73_A1_B05	GM_73_A1_B05_T7	
15	9417	GM_73_A1_B06	GM_73_A1_B06_T7	
	9418	GM_73_A1_B07	GM_73_A1_B07_T7	
	9419	GM_73_A1_B08	GM_73_A1_B08_T7	
	9420	GM_73_A1_B08		GM_73_A1_B08_MR
	9421	GM_73_A1_B09	GM_73_A1_B09_T7	
20	9422	GM_73_A1_B10	GM_73_A1_B10_T7	
	9423	GM_73_A1_B10		GM_73_A1_B10_MR
	9424	GM_73_A1_B11	GM_73_A1_B11_T7	
	9425	GM_73_A1_B11		GM_73_A1_B11_MR
	9426	GM_73_A1_C01		GM_73_A1_C01_MR
25	9427	GM_73_A1_C02	GM_73_A1_C02_T7	
	9428	GM_73_A1_C02		GM_73_A1_C02_MR
	9429	GM_73_A1_C03	GM_73_A1_C03_T7	
	9430	GM_73_A1_C04	GM_73_A1_C04_T7	
	9431	GM_73_A1_C04		GM_73_A1_C04_MR
30	9432	GM_73_A1_C05	GM_73_A1_C05_T7	
	9433	GM_73_A1_C05		GM_73_A1_C05_MR
	9434	GM_73_A1_C06	GM_73_A1_C06_T7	
	9435	GM_73_A1_C06		GM_73_A1_C06_MR
	9436	GM_73_A1_C07	GM_73_A1_C07_T7	
35	9437	GM_73_A1_C07		GM_73_A1_C07_MR
	9438	GM_73_A1_C08	GM_73_A1_C08_T7	
	9439	GM_73_A1_C08		GM_73_A1_C08_MR
	9440	GM_73_A1_C09	GM_73_A1_C09_T7	
	9441	GM_73_A1_C09		GM_73_A1_C09_MR
40	9442	GM_73_A1_C10	GM_73_A1_C10_T7	
	9443	GM_73_A1_C10		GM_73_A1_C10_MR
	9444	GM_73_A1_C12	GM_73_A1_C12_T7	
	9445	GM_73_A1_D01		GM_73_A1_D01_MR
	9446	GM_73_A1_D02	GM_73_A1_D02_T7	
45	9447	GM_73_A1_D02		GM_73_A1_D02_MR
	9448	GM_73_A1_D03	GM_73_A1_D03_T7	
	9449	GM_73_A1_D03		GM_73_A1_D03_MR
	9450	GM_73_A1_D04		GM_73_A1_D04_MR
	9451	GM_73_A1_D05	GM_73_A1_D05_T7	
50	9452	GM_73_A1_D05		GM_73_A1_D05_MR
	9453	GM_73_A1_D06	GM_73_A1_D06_T7	
	9454	GM_73_A1_D07	GM_73_A1_D07_T7	
	9455	GM_73_A1_D07		GM_73_A1_D07_MR
	9456	GM_73_A1_D08	GM_73_A1_D08_T7	
55	9457	GM_73_A1_D09	GM_73_A1_D09_T7	

	9458	GM_73_A1_D09		GM_73_A1_D09_MR
	9459	GM_73_A1_D10	GM_73_A1_D10_T7	
	9460	GM_73_A1_D10		GM_73_A1_D10_MR
	9461	GM_73_A1_D11	GM_73_A1_D11_T7	
5	9462	GM_73_A1_D12	GM_73_A1_D12_T7	
	9463	GM_73_A1_E01		GM_73_A1_E01_MR
	9464	GM_73_A1_E02	GM_73_A1_E02_T7	
	9465	GM_73_A1_E03	GM_73_A1_E03_T7	
	9466	GM_73_A1_E03		GM_73_A1_E03_MR
10	9467	GM_73_A1_E04	GM_73_A1_E04_T7	
	9468	GM_73_A1_E04		GM_73_A1_E04_MR
	9469	GM_73_A1_E05	GM_73_A1_E05_T7	
	9470	GM_73_A1_E06		GM_73_A1_E06_MR
	9471	GM_73_A1_E07	GM_73_A1_E07_T7	
15	9472	GM_73_A1_E07		GM_73_A1_E07_MR
	9473	GM_73_A1_E08	GM_73_A1_E08_T7	
	9474	GM_73_A1_E08		GM_73_A1_E08_MR
	9475	GM_73_A1_E09	GM_73_A1_E09_T7	
	9476	GM_73_A1_E10	GM_73_A1_E10_T7	
20	9477	GM_73_A1_E11	GM_73_A1_E11_T7	
	9478	GM_73_A1_E11		GM_73_A1_E11_MR
	9479	GM_73_A1_F01		GM_73_A1_F01_MR
	9480	GM_73_A1_F03	GM_73_A1_F03_T7	
	9481	GM_73_A1_F04	GM_73_A1_F04_T7	
25	9482	GM_73_A1_F04		GM_73_A1_F04_MR
	9483	GM_73_A1_F05	GM_73_A1_F05_T7	
	9484	GM_73_A1_F06	GM_73_A1_F06_T7	
	9485	GM_73_A1_F06		GM_73_A1_F06_MR
	9486	GM_73_A1_F07	GM_73_A1_F07_T7	
30	9487	GM_73_A1_F07		GM_73_A1_F07_MR
	9488	GM_73_A1_F08	GM_73_A1_F08_T7	
	9489	GM_73_A1_F08		GM_73_A1_F08_MR
	9490	GM_73_A1_F09	GM_73_A1_F09_T7	
	9491	GM_73_A1_F10	GM_73_A1_F10_T7	
35	9492	GM_73_A1_F10		GM_73_A1_F10_MR
	9493	GM_73_A1_F12	GM_73_A1_F12_T7	
	9494	GM_73_A1_F12		GM_73_A1_F12_MR
	9495	GM_73_A1_G01		GM_73_A1_G01_MR
	9496	GM_73_A1_G03	GM_73_A1_G03_T7	
40	9497	GM_73_A1_G03		GM_73_A1_G03_MR
	9498	GM_73_A1_G04	GM_73_A1_G04_T7	
	9499	GM_73_A1_G04		GM_73_A1_G04_MR
	9500	GM_73_A1_G06	GM_73_A1_G06_T7	
	9501	GM_73_A1_G07	GM_73_A1_G07_T7	
45	9502	GM_73_A1_G07		GM_73_A1_G07_MR
	9503	GM_73_A1_G08	GM_73_A1_G08_T7	
	9504	GM_73_A1_G08		GM_73_A1_G08_MR
	9505	GM_73_A1_G09	GM_73_A1_G09_T7	
	9506	GM_73_A1_G10	GM_73_A1_G10_T7	
50	9507	GM_73_A1_G10		GM_73_A1_G10_MR
	9508	GM_73_A1_G11	GM_73_A1_G11_T7	
	9509	GM_73_A1_G11		GM_73_A1_G11_MR
	9510	GM_73_A1_H01		GM_73_A1_H01_MR
	9511	GM_73_A1_H03	GM_73_A1_H03_T7	
55	9512	GM_73_A1_H04	GM_73_A1_H04_T7	

	9513	GM_73_A1_H04		GM_73_A1_H04_MR
	9514	GM_73_A1_H06	GM_73_A1_H06_T7	
	9515	GM_73_A1_H06		GM_73_A1_H06_MR
	9516	GM_73_A1_H07	GM_73_A1_H07_T7	
5	9517	GM_73_A1_H07		GM_73_A1_H07_MR
	9518	GM_73_A1_H09	GM_73_A1_H09_T7	
	9519	GM_73_A1_H10	GM_73_A1_H10_T7	
	9520	GM_73_A1_H12	GM_73_A1_H12_T7	
	9521	GM_73_A2_A01	GM_73_A2_A01_T7	
10	9522	GM_73_A2_A01		GM_73_A2_A01_MR
	9523	GM_73_A2_A02	GM_73_A2_A02_T7	
	9524	GM_73_A2_A02		GM_73_A2_A02_MR
	9525	GM_73_A2_A03	GM_73_A2_A03_T7	
	9526	GM_73_A2_A03		GM_73_A2_A03_MR
15	9527	GM_73_A2_A04	GM_73_A2_A04_T7	
	9528	GM_73_A2_A04		GM_73_A2_A04_MR
	9529	GM_73_A2_A05		GM_73_A2_A05_MR
	9530	GM_73_A2_A06	GM_73_A2_A06_T7	
	9531	GM_73_A2_A06		GM_73_A2_A06_MR
20	9532	GM_73_A2_A07	GM_73_A2_A07_T7	
	9533	GM_73_A2_A07		GM_73_A2_A07_MR
	9534	GM_73_A2_A08	GM_73_A2_A08_T7	
	9535	GM_73_A2_A08		GM_73_A2_A08_MR
	9536	GM_73_A2_A09	GM_73_A2_A09_T7	
25	9537	GM_73_A2_A09		GM_73_A2_A09_MR
	9538	GM_73_A2_A10		GM_73_A2_A10_MR
	9539	GM_73_A2_A11	GM_73_A2_A11_T7	
	9540	GM_73_A2_A11		GM_73_A2_A11_MR
	9541	GM_73_A2_A12	GM_73_A2_A12_T7	
30	9542	GM_73_A2_A12		GM_73_A2_A12_MR
	9543	GM_73_A2_B02	GM_73_A2_B02_T7	
	9544	GM_73_A2_B02		GM_73_A2_B02_MR
	9545	GM_73_A2_B03	GM_73_A2_B03_T7	
	9546	GM_73_A2_B03		GM_73_A2_B03_MR
35	9547	GM_73_A2_B04	GM_73_A2_B04_T7	
	9548	GM_73_A2_B04		GM_73_A2_B04_MR
	9549	GM_73_A2_B05	GM_73_A2_B05_T7	
	9550	GM_73_A2_B07	GM_73_A2_B07_T7	
	9551	GM_73_A2_B07		GM_73_A2_B07_MR
40	9552	GM_73_A2_B08	GM_73_A2_B08_T7	
	9553	GM_73_A2_B08		GM_73_A2_B08_MR
	9554	GM_73_A2_B09	GM_73_A2_B09_T7	
	9555	GM_73_A2_B09		GM_73_A2_B09_MR
	9556	GM_73_A2_B10	GM_73_A2_B10_T7	
45	9557	GM_73_A2_B10		GM_73_A2_B10_MR
	9558	GM_73_A2_B12	GM_73_A2_B12_T7	
	9559	GM_73_A2_B12		GM_73_A2_B12_MR
	9560	GM_73_A2_C01	GM_73_A2_C01_T7	
	9561	GM_73_A2_C01		GM_73_A2_C01_MR
50	9562	GM_73_A2_C02	GM_73_A2_C02_T7	
	9563	GM_73_A2_C03	GM_73_A2_C03_T7	
	9564	GM_73_A2_C03		GM_73_A2_C03_MR
	9565	GM_73_A2_C04	GM_73_A2_C04_T7	
	9566	GM_73_A2_C04		GM_73_A2_C04_MR
55	9567	GM_73_A2_C05	GM_73_A2_C05_T7	

	9568	GM_73_A2_C05		GM_73_A2_C05_MR
	9569	GM_73_A2_C06	GM_73_A2_C06_T7	
	9570	GM_73_A2_C07	GM_73_A2_C07_T7	
	9571	GM_73_A2_C08	GM_73_A2_C08_T7	
5	9572	GM_73_A2_C08		GM_73_A2_C08_MR
	9573	GM_73_A2_C10	GM_73_A2_C10_T7	
	9574	GM_73_A2_C10		GM_73_A2_C10_MR
	9575	GM_73_A2_C11	GM_73_A2_C11_T7	
	9576	GM_73_A2_C11		GM_73_A2_C11_MR
10	9577	GM_73_A2_C12	GM_73_A2_C12_T7	
	9578	GM_73_A2_C12		GM_73_A2_C12_MR
	9579	GM_73_A2_D01	GM_73_A2_D01_T7	
	9580	GM_73_A2_D01		GM_73_A2_D01_MR
	9581	GM_73_A2_D02	GM_73_A2_D02_T7	
15	9582	GM_73_A2_D02		GM_73_A2_D02_MR
	9583	GM_73_A2_D03	GM_73_A2_D03_T7	
	9584	GM_73_A2_D03		GM_73_A2_D03_MR
	9585	GM_73_A2_D04	GM_73_A2_D04_T7	
	9586	GM_73_A2_D04		GM_73_A2_D04_MR
20	9587	GM_73_A2_D05	GM_73_A2_D05_T7	
	9588	GM_73_A2_D05		GM_73_A2_D05_MR
	9589	GM_73_A2_D06		GM_73_A2_D06_MR
	9590	GM_73_A2_D07	GM_73_A2_D07_T7	
	9591	GM_73_A2_D07		GM_73_A2_D07_MR
25	9592	GM_73_A2_D08	GM_73_A2_D08_T7	
	9593	GM_73_A2_D08		GM_73_A2_D08_MR
	9594	GM_73_A2_D09	GM_73_A2_D09_T7	
	9595	GM_73_A2_D09		GM_73_A2_D09_MR
	9596	GM_73_A2_D12	GM_73_A2_D12_T7	
30	9597	GM_73_A2_D12		GM_73_A2_D12_MR
	9598	GM_73_A2_E01	GM_73_A2_E01_T7	
	9599	GM_73_A2_E01		GM_73_A2_E01_MR
	9600	GM_73_A2_E02	GM_73_A2_E02_T7	
	9601	GM_73_A2_E02		GM_73_A2_E02_MR
35	9602	GM_73_A2_E03	GM_73_A2_E03_T7	
	9603	GM_73_A2_E03		GM_73_A2_E03_MR
	9604	GM_73_A2_E05	GM_73_A2_E05_T7	
	9605	GM_73_A2_E05		GM_73_A2_E05_MR
	9606	GM_73_A2_E06	GM_73_A2_E06_T7	
40	9607	GM_73_A2_E07	GM_73_A2_E07_T7	
	9608	GM_73_A2_E07		GM_73_A2_E07_MR
	9609	GM_73_A2_E08	GM_73_A2_E08_T7	
	9610	GM_73_A2_E08		GM_73_A2_E08_MR
	9611	GM_73_A2_E09	GM_73_A2_E09_T7	
45	9612	GM_73_A2_E09		GM_73_A2_E09_MR
	9613	GM_73_A2_E10	GM_73_A2_E10_T7	
	9614	GM_73_A2_E10		GM_73_A2_E10_MR
	9615	GM_73_A2_E11	GM_73_A2_E11_T7	
	9616	GM_73_A2_E11		GM_73_A2_E11_MR
50	9617	GM_73_A2_E12	GM_73_A2_E12_T7	
	9618	GM_73_A2_E12		GM_73_A2_E12_MR
	9619	GM_73_A2_F01		GM_73_A2_F01_MR
	9620	GM_73_A2_F02	GM_73_A2_F02_T7	
	9621	GM_73_A2_F02		GM_73_A2_F02_MR
55	9622	GM_73_A2_F03	GM_73_A2_F03_T7	

	9623	GM_73_A2_F03		GM_73_A2_F03_MR
	9624	GM_73_A2_F04	GM_73_A2_F04_T7	
	9625	GM_73_A2_F04		GM_73_A2_F04_MR
	9626	GM_73_A2_F05	GM_73_A2_F05_T7	
5	9627	GM_73_A2_F05		GM_73_A2_F05_MR
	9628	GM_73_A2_F06	GM_73_A2_F06_T7	
	9629	GM_73_A2_F06		GM_73_A2_F06_MR
	9630	GM_73_A2_F07	GM_73_A2_F07_T7	
	9631	GM_73_A2_F07		GM_73_A2_F07_MR
10	9632	GM_73_A2_F08	GM_73_A2_F08_T7	
	9633	GM_73_A2_F08		GM_73_A2_F08_MR
	9634	GM_73_A2_F09	GM_73_A2_F09_T7	
	9635	GM_73_A2_F10	GM_73_A2_F10_T7	
	9636	GM_73_A2_F10		GM_73_A2_F10_MR
15	9637	GM_73_A2_F11	GM_73_A2_F11_T7	
	9638	GM_73_A2_F11		GM_73_A2_F11_MR
	9639	GM_73_A2_F12	GM_73_A2_F12_T7	
	9640	GM_73_A2_F12		GM_73_A2_F12_MR
	9641	GM_73_A2_G01	GM_73_A2_G01_T7	
20	9642	GM_73_A2_G01		GM_73_A2_G01_MR
	9643	GM_73_A2_G03	GM_73_A2_G03_T7	
	9644	GM_73_A2_G03		GM_73_A2_G03_MR
	9645	GM_73_A2_G04	GM_73_A2_G04_T7	
	9646	GM_73_A2_G04		GM_73_A2_G04_MR
25	9647	GM_73_A2_G05	GM_73_A2_G05_T7	
	9648	GM_73_A2_G05		GM_73_A2_G05_MR
	9649	GM_73_A2_G06	GM_73_A2_G06_T7	
	9650	GM_73_A2_G06		GM_73_A2_G06_MR
	9651	GM_73_A2_G07	GM_73_A2_G07_T7	
30	9652	GM_73_A2_G07		GM_73_A2_G07_MR
	9653	GM_73_A2_G08	GM_73_A2_G08_T7	
	9654	GM_73_A2_G08		GM_73_A2_G08_MR
	9655	GM_73_A2_G09	GM_73_A2_G09_T7	
	9656	GM_73_A2_G09		GM_73_A2_G09_MR
35	9657	GM_73_A2_G10	GM_73_A2_G10_T7	
	9658	GM_73_A2_G10		GM_73_A2_G10_MR
	9659	GM_73_A2_G11	GM_73_A2_G11_T7	
	9660	GM_73_A2_G11		GM_73_A2_G11_MR
	9661	GM_73_A2_G12	GM_73_A2_G12_T7	
40	9662	GM_73_A2_G12		GM_73_A2_G12_MR
	9663	GM_73_A2_H01	GM_73_A2_H01_T7	
	9664	GM_73_A2_H01		GM_73_A2_H01_MR
	9665	GM_73_A2_H03	GM_73_A2_H03_T7	
	9666	GM_73_A2_H03		GM_73_A2_H03_MR
45	9667	GM_73_A2_H04	GM_73_A2_H04_T7	
	9668	GM_73_A2_H04		GM_73_A2_H04_MR
	9669	GM_73_A2_H05	GM_73_A2_H05_T7	
	9670	GM_73_A2_H05		GM_73_A2_H05_MR
	9671	GM_73_A2_H06	GM_73_A2_H06_T7	
50	9672	GM_73_A2_H06		GM_73_A2_H06_MR
	9673	GM_73_A2_H07	GM_73_A2_H07_T7	
	9674	GM_73_A2_H07		GM_73_A2_H07_MR
	9675	GM_73_A2_H08	GM_73_A2_H08_T7	
	9676	GM_73_A2_H08		GM_73_A2_H08_MR
55	9677	GM_73_A2_H09	GM_73_A2_H09_T7	

	9678	GM_73_A2_H09		GM_73_A2_H09_MR
	9679	GM_73_A2_H10	GM_73_A2_H10_T7	
	9680	GM_73_A2_H10		GM_73_A2_H10_MR
	9681	GM_73_A2_H11	GM_73_A2_H11_T7	
5	9682	GM_73_A2_H11		GM_73_A2_H11_MR
	9683	GM_73_A2_H12	GM_73_A2_H12_T7	
	9684	GM_73_A2_H12		GM_73_A2_H12_MR
	9685	GM_74_A1_A01	GM_74_A1_A01_T7	
	9686	GM_74_A1_A02	GM_74_A1_A02_T7	
10	9687	GM_74_A1_A02		GM_74_A1_A02_MR
	9688	GM_74_A1_A03	GM_74_A1_A03_T7	
	9689	GM_74_A1_A03		GM_74_A1_A03_MR
	9690	GM_74_A1_A04	GM_74_A1_A04_T7	
	9691	GM_74_A1_A04		GM_74_A1_A04_MR
15	9692	GM_74_A1_A05	GM_74_A1_A05_T7	
	9693	GM_74_A1_A05		GM_74_A1_A05_MR
	9694	GM_74_A1_A06	GM_74_A1_A06_T7	
	9695	GM_74_A1_A06		GM_74_A1_A06_MR
	9696	GM_74_A1_A07	GM_74_A1_A07_T7	
20	9697	GM_74_A1_A07		GM_74_A1_A07_MR
	9698	GM_74_A1_A08		GM_74_A1_A08_MR
	9699	GM_74_A1_A09	GM_74_A1_A09_T7	
	9700	GM_74_A1_A09		GM_74_A1_A09_MR
	9701	GM_74_A1_A10	GM_74_A1_A10_T7	
25	9702	GM_74_A1_A10		GM_74_A1_A10_MR
	9703	GM_74_A1_A12		GM_74_A1_A12_MR
	9704	GM_74_A1_B01	GM_74_A1_B01_T7	
	9705	GM_74_A1_B01		GM_74_A1_B01_MR
	9706	GM_74_A1_B02	GM_74_A1_B02_T7	
30	9707	GM_74_A1_B02		GM_74_A1_B02_MR
	9708	GM_74_A1_B03	GM_74_A1_B03_T7	
	9709	GM_74_A1_B03		GM_74_A1_B03_MR
	9710	GM_74_A1_B04	GM_74_A1_B04_T7	
	9711	GM_74_A1_B04		GM_74_A1_B04_MR
35	9712	GM_74_A1_B07	GM_74_A1_B07_T7	
	9713	GM_74_A1_B07		GM_74_A1_B07_MR
	9714	GM_74_A1_B08	GM_74_A1_B08_T7	
	9715	GM_74_A1_B08		GM_74_A1_B08_MR
	9716	GM_74_A1_B09		GM_74_A1_B09_MR
40	9717	GM_74_A1_B10	GM_74_A1_B10_T7	
	9718	GM_74_A1_B10		GM_74_A1_B10_MR
	9719	GM_74_A1_B11		GM_74_A1_B11_MR
	9720	GM_74_A1_B12	GM_74_A1_B12_T7	
	9721	GM_74_A1_B12		GM_74_A1_B12_MR
45	9722	GM_74_A1_C01	GM_74_A1_C01_T7	
	9723	GM_74_A1_C01		GM_74_A1_C01_MR
	9724	GM_74_A1_C02	GM_74_A1_C02_T7	
	9725	GM_74_A1_C02		GM_74_A1_C02_MR
	9726	GM_74_A1_C03	GM_74_A1_C03_T7	
50	9727	GM_74_A1_C03		GM_74_A1_C03_MR
	9728	GM_74_A1_C04	GM_74_A1_C04_T7	
	9729	GM_74_A1_C04		GM_74_A1_C04_MR
	9730	GM_74_A1_C05	GM_74_A1_C05_T7	
	9731	GM_74_A1_C05		GM_74_A1_C05_MR
55	9732	GM_74_A1_C06	GM_74_A1_C06_T7	

	9733	GM_74_A1_C06		GM_74_A1_C06_MR
	9734	GM_74_A1_C07	GM_74_A1_C07_T7	
	9735	GM_74_A1_C07		GM_74_A1_C07_MR
	9736	GM_74_A1_C08	GM_74_A1_C08_T7	
5	9737	GM_74_A1_C08		GM_74_A1_C08_MR
	9738	GM_74_A1_C09	GM_74_A1_C09_T7	
	9739	GM_74_A1_C09		GM_74_A1_C09_MR
	9740	GM_74_A1_C11	GM_74_A1_C11_T7	
	9741	GM_74_A1_C11		GM_74_A1_C11_MR
10	9742	GM_74_A1_C12	GM_74_A1_C12_T7	
	9743	GM_74_A1_C12		GM_74_A1_C12_MR
	9744	GM_74_A1_D01	GM_74_A1_D01_T7	
	9745	GM_74_A1_D01		GM_74_A1_D01_MR
	9746	GM_74_A1_D02	GM_74_A1_D02_T7	
15	9747	GM_74_A1_D02		GM_74_A1_D02_MR
	9748	GM_74_A1_D03	GM_74_A1_D03_T7	
	9749	GM_74_A1_D03		GM_74_A1_D03_MR
	9750	GM_74_A1_D04	GM_74_A1_D04_T7	
	9751	GM_74_A1_D04		GM_74_A1_D04_MR
20	9752	GM_74_A1_D05	GM_74_A1_D05_T7	
	9753	GM_74_A1_D05		GM_74_A1_D05_MR
	9754	GM_74_A1_D06	GM_74_A1_D06_T7	
	9755	GM_74_A1_D06		GM_74_A1_D06_MR
	9756	GM_74_A1_D07	GM_74_A1_D07_T7	
25	9757	GM_74_A1_D07		GM_74_A1_D07_MR
	9758	GM_74_A1_D08		GM_74_A1_D08_MR
	9759	GM_74_A1_D09	GM_74_A1_D09_T7	
	9760	GM_74_A1_D09		GM_74_A1_D09_MR
	9761	GM_74_A1_D10	GM_74_A1_D10_T7	
30	9762	GM_74_A1_D10		GM_74_A1_D10_MR
	9763	GM_74_A1_D11	GM_74_A1_D11_T7	
	9764	GM_74_A1_D11		GM_74_A1_D11_MR
	9765	GM_74_A1_D12	GM_74_A1_D12_T7	
	9766	GM_74_A1_D12		GM_74_A1_D12_MR
35	9767	GM_74_A1_E01		GM_74_A1_E01_MR
	9768	GM_74_A1_E02	GM_74_A1_E02_T7	
	9769	GM_74_A1_E02		GM_74_A1_E02_MR
	9770	GM_74_A1_E03	GM_74_A1_E03_T7	
	9771	GM_74_A1_E03		GM_74_A1_E03_MR
40	9772	GM_74_A1_E04	GM_74_A1_E04_T7	
	9773	GM_74_A1_E04		GM_74_A1_E04_MR
	9774	GM_74_A1_E06		GM_74_A1_E06_MR
	9775	GM_74_A1_E07	GM_74_A1_E07_T7	
	9776	GM_74_A1_E07		GM_74_A1_E07_MR
45	9777	GM_74_A1_E08		GM_74_A1_E08_MR
	9778	GM_74_A1_E09	GM_74_A1_E09_T7	
	9779	GM_74_A1_E09		GM_74_A1_E09_MR
	9780	GM_74_A1_E11		GM_74_A1_E11_MR
	9781	GM_74_A1_F01	GM_74_A1_F01_T7	
50	9782	GM_74_A1_F01		GM_74_A1_F01_MR
	9783	GM_74_A1_F02	GM_74_A1_F02_T7	
	9784	GM_74_A1_F02		GM_74_A1_F02_MR
	9785	GM_74_A1_F03	GM_74_A1_F03_T7	
	9786	GM_74_A1_F03		GM_74_A1_F03_MR
55	9787	GM_74_A1_F04	GM_74_A1_F04_T7	

	9788	GM_74_A1_F04		GM_74_A1_F04_MR
	9789	GM_74_A1_F05	GM_74_A1_F05_T7	
	9790	GM_74_A1_F05		GM_74_A1_F05_MR
	9791	GM_74_A1_F06	GM_74_A1_F06_T7	
5	9792	GM_74_A1_F06		GM_74_A1_F06_MR
	9793	GM_74_A1_F07	GM_74_A1_F07_T7	
	9794	GM_74_A1_F07		GM_74_A1_F07_MR
	9795	GM_74_A1_F08	GM_74_A1_F08_T7	
	9796	GM_74_A1_F08		GM_74_A1_F08_MR
10	9797	GM_74_A1_F09	GM_74_A1_F09_T7	
	9798	GM_74_A1_F09		GM_74_A1_F09_MR
	9799	GM_74_A1_F10	GM_74_A1_F10_T7	
	9800	GM_74_A1_F10		GM_74_A1_F10_MR
	9801	GM_74_A1_F11	GM_74_A1_F11_T7	
15	9802	GM_74_A1_F11		GM_74_A1_F11_MR
	9803	GM_74_A1_F12	GM_74_A1_F12_T7	
	9804	GM_74_A1_F12		GM_74_A1_F12_MR
	9805	GM_74_A1_G01	GM_74_A1_G01_T7	
	9806	GM_74_A1_G01		GM_74_A1_G01_MR
20	9807	GM_74_A1_G02	GM_74_A1_G02_T7	
	9808	GM_74_A1_G02		GM_74_A1_G02_MR
	9809	GM_74_A1_G03	GM_74_A1_G03_T7	
	9810	GM_74_A1_G03		GM_74_A1_G03_MR
	9811	GM_74_A1_G05	GM_74_A1_G05_T7	
25	9812	GM_74_A1_G05		GM_74_A1_G05_MR
	9813	GM_74_A1_G06	GM_74_A1_G06_T7	
	9814	GM_74_A1_G06		GM_74_A1_G06_MR
	9815	GM_74_A1_G08	GM_74_A1_G08_T7	
	9816	GM_74_A1_G08		GM_74_A1_G08_MR
30	9817	GM_74_A1_G09		GM_74_A1_G09_MR
	9818	GM_74_A1_G10	GM_74_A1_G10_T7	
	9819	GM_74_A1_G10		GM_74_A1_G10_MR
	9820	GM_74_A1_G11	GM_74_A1_G11_T7	
	9821	GM_74_A1_G11		GM_74_A1_G11_MR
35	9822	GM_74_A1_G12	GM_74_A1_G12_T7	
	9823	GM_74_A1_G12		GM_74_A1_G12_MR
	9824	GM_74_A1_H01	GM_74_A1_H01_T7	
	9825	GM_74_A1_H01		GM_74_A1_H01_MR
	9826	GM_74_A1_H02	GM_74_A1_H02_T7	
40	9827	GM_74_A1_H03	GM_74_A1_H03_T7	
	9828	GM_74_A1_H03		GM_74_A1_H03_MR
	9829	GM_74_A1_H04	GM_74_A1_H04_T7	
	9830	GM_74_A1_H05	GM_74_A1_H05_T7	
	9831	GM_74_A1_H06	GM_74_A1_H06_T7	
45	9832	GM_74_A1_H06		GM_74_A1_H06_MR
	9833	GM_74_A1_H07	GM_74_A1_H07_T7	
	9834	GM_74_A1_H07		GM_74_A1_H07_MR
	9835	GM_74_A1_H08	GM_74_A1_H08_T7	
	9836	GM_74_A1_H08		GM_74_A1_H08_MR
50	9837	GM_74_A1_H09	GM_74_A1_H09_T7	
	9838	GM_74_A1_H09		GM_74_A1_H09_MR
	9839	GM_74_A1_H10	GM_74_A1_H10_T7	
	9840	GM_74_A1_H10		GM_74_A1_H10_MR
	9841	GM_74_A1_H11	GM_74_A1_H11_T7	
55	9842	GM_74_A1_H11		GM_74_A1_H11_MR

	9843	GM_74_A1_H12	GM_74_A1_H12_T7	
	9844	GM_74_A1_H12		GM_74_A1_H12_MR
	9845	GM_74_B2_A01	GM_74_B2_A01_T7	
	9846	GM_74_B2_A02	GM_74_B2_A02_T7	
5	9847	GM_74_B2_A02		GM_74_B2_A02_MR
	9848	GM_74_B2_A03	GM_74_B2_A03_T7	
	9849	GM_74_B2_A04	GM_74_B2_A04_T7	
	9850	GM_74_B2_A05	GM_74_B2_A05_T7	
	9851	GM_74_B2_A05		GM_74_B2_A05_MR
10	9852	GM_74_B2_A06	GM_74_B2_A06_T7	
	9853	GM_74_B2_A06		GM_74_B2_A06_MR
	9854	GM_74_B2_A07	GM_74_B2_A07_T7	
	9855	GM_74_B2_A07		GM_74_B2_A07_MR
	9856	GM_74_B2_A08	GM_74_B2_A08_T7	
15	9857	GM_74_B2_A08		GM_74_B2_A08_MR
	9858	GM_74_B2_A09	GM_74_B2_A09_T7	
	9859	GM_74_B2_A09		GM_74_B2_A09_MR
	9860	GM_74_B2_A10	GM_74_B2_A10_T7	
	9861	GM_74_B2_A11	GM_74_B2_A11_T7	
20	9862	GM_74_B2_A11		GM_74_B2_A11_MR
	9863	GM_74_B2_A12	GM_74_B2_A12_T7	
	9864	GM_74_B2_B01	GM_74_B2_B01_T7	
	9865	GM_74_B2_B01		GM_74_B2_B01_MR
	9866	GM_74_B2_B02	GM_74_B2_B02_T7	
25	9867	GM_74_B2_B02		GM_74_B2_B02_MR
	9868	GM_74_B2_B03	GM_74_B2_B03_T7	
	9869	GM_74_B2_B04	GM_74_B2_B04_T7	
	9870	GM_74_B2_B05	GM_74_B2_B05_T7	
	9871	GM_74_B2_B05		GM_74_B2_B05_MR
30	9872	GM_74_B2_B06	GM_74_B2_B06_T7	
	9873	GM_74_B2_B06		GM_74_B2_B06_MR
	9874	GM_74_B2_B07	GM_74_B2_B07_T7	
	9875	GM_74_B2_B07		GM_74_B2_B07_MR
	9876	GM_74_B2_B08	GM_74_B2_B08_T7	
35	9877	GM_74_B2_B08		GM_74_B2_B08_MR
	9878	GM_74_B2_B09	GM_74_B2_B09_T7	
	9879	GM_74_B2_B09		GM_74_B2_B09_MR
	9880	GM_74_B2_B10	GM_74_B2_B10_T7	
	9881	GM_74_B2_B10		GM_74_B2_B10_MR
40	9882	GM_74_B2_B11	GM_74_B2_B11_T7	
	9883	GM_74_B2_B11		GM_74_B2_B11_MR
	9884	GM_74_B2_B12	GM_74_B2_B12_T7	
	9885	GM_74_B2_C01	GM_74_B2_C01_T7	
	9886	GM_74_B2_C01		GM_74_B2_C01_MR
45	9887	GM_74_B2_C02	GM_74_B2_C02_T7	
	9888	GM_74_B2_C02		GM_74_B2_C02_MR
	9889	GM_74_B2_C03	GM_74_B2_C03_T7	
	9890	GM_74_B2_C04	GM_74_B2_C04_T7	
	9891	GM_74_B2_C05	GM_74_B2_C05_T7	
50	9892	GM_74_B2_C06	GM_74_B2_C06_T7	
	9893	GM_74_B2_C06		GM_74_B2_C06_MR
	9894	GM_74_B2_C07	GM_74_B2_C07_T7	
	9895	GM_74_B2_C07		GM_74_B2_C07_MR
	9896	GM_74_B2_C08	GM_74_B2_C08_T7	
55	9897	GM_74_B2_C08		GM_74_B2_C08_MR

	9898	GM_74_B2_C09	GM_74_B2_C09_T7	
	9899	GM_74_B2_C09		GM_74_B2_C09_MR
	9900	GM_74_B2_C10	GM_74_B2_C10_T7	
	9901	GM_74_B2_C11	GM_74_B2_C11_T7	
5	9902	GM_74_B2_C11		GM_74_B2_C11_MR
	9903	GM_74_B2_C12	GM_74_B2_C12_T7	
	9904	GM_74_B2_D01	GM_74_B2_D01_T7	
	9905	GM_74_B2_D02	GM_74_B2_D02_T7	
	9906	GM_74_B2_D02		GM_74_B2_D02_MR
10	9907	GM_74_B2_D03	GM_74_B2_D03_T7	
	9908	GM_74_B2_D03		GM_74_B2_D03_MR
	9909	GM_74_B2_D04	GM_74_B2_D04_T7	
	9910	GM_74_B2_D05	GM_74_B2_D05_T7	
	9911	GM_74_B2_D05		GM_74_B2_D05_MR
15	9912	GM_74_B2_D06	GM_74_B2_D06_T7	
	9913	GM_74_B2_D06		GM_74_B2_D06_MR
	9914	GM_74_B2_D08	GM_74_B2_D08_T7	
	9915	GM_74_B2_D08		GM_74_B2_D08_MR
	9916	GM_74_B2_D09	GM_74_B2_D09_T7	
20	9917	GM_74_B2_D09		GM_74_B2_D09_MR
	9918	GM_74_B2_D10	GM_74_B2_D10_T7	
	9919	GM_74_B2_D10		GM_74_B2_D10_MR
	9920	GM_74_B2_D11	GM_74_B2_D11_T7	
	9921	GM_74_B2_D11		GM_74_B2_D11_MR
25	9922	GM_74_B2_D12	GM_74_B2_D12_T7	
	9923	GM_74_B2_E01	GM_74_B2_E01_T7	
	9924	GM_74_B2_E01		GM_74_B2_E01_MR
	9925	GM_74_B2_E02	GM_74_B2_E02_T7	
	9926	GM_74_B2_E02		GM_74_B2_E02_MR
30	9927	GM_74_B2_E03	GM_74_B2_E03_T7	
	9928	GM_74_B2_E03		GM_74_B2_E03_MR
	9929	GM_74_B2_E04	GM_74_B2_E04_T7	
	9930	GM_74_B2_E05	GM_74_B2_E05_T7	
	9931	GM_74_B2_E05		GM_74_B2_E05_MR
35	9932	GM_74_B2_E06	GM_74_B2_E06_T7	
	9933	GM_74_B2_E07	GM_74_B2_E07_T7	
	9934	GM_74_B2_E07		GM_74_B2_E07_MR
	9935	GM_74_B2_E08	GM_74_B2_E08_T7	
	9936	GM_74_B2_E09	GM_74_B2_E09_T7	
40	9937	GM_74_B2_E09		GM_74_B2_E09_MR
	9938	GM_74_B2_E10	GM_74_B2_E10_T7	
	9939	GM_74_B2_E10		GM_74_B2_E10_MR
	9940	GM_74_B2_E11	GM_74_B2_E11_T7	
	9941	GM_74_B2_E11		GM_74_B2_E11_MR
45	9942	GM_74_B2_E12	GM_74_B2_E12_T7	
	9943	GM_74_B2_F01	GM_74_B2_F01_T7	
	9944	GM_74_B2_F01		GM_74_B2_F01_MR
	9945	GM_74_B2_F02	GM_74_B2_F02_T7	
	9946	GM_74_B2_F02		GM_74_B2_F02_MR
50	9947	GM_74_B2_F03	GM_74_B2_F03_T7	
	9948	GM_74_B2_F04	GM_74_B2_F04_T7	
	9949	GM_74_B2_F05	GM_74_B2_F05_T7	
	9950	GM_74_B2_F06	GM_74_B2_F06_T7	
	9951	GM_74_B2_F06		GM_74_B2_F06_MR
55	9952	GM_74_B2_F07	GM_74_B2_F07_T7	

	9953	GM_74_B2_F07		GM_74_B2_F07_MR
	9954	GM_74_B2_F08	GM_74_B2_F08_T7	
	9955	GM_74_B2_F09	GM_74_B2_F09_T7	
	9956	GM_74_B2_F10	GM_74_B2_F10_T7	
5	9957	GM_74_B2_F10		GM_74_B2_F10_MR
	9958	GM_74_B2_F11	GM_74_B2_F11_T7	
	9959	GM_74_B2_F11		GM_74_B2_F11_MR
	9960	GM_74_B2_F12	GM_74_B2_F12_T7	
	9961	GM_74_B2_G01	GM_74_B2_G01_T7	
10	9962	GM_74_B2_G02	GM_74_B2_G02_T7	
	9963	GM_74_B2_G02		GM_74_B2_G02_MR
	9964	GM_74_B2_G03	GM_74_B2_G03_T7	
	9965	GM_74_B2_G05	GM_74_B2_G05_T7	
	9966	GM_74_B2_G05		GM_74_B2_G05_MR
15	9967	GM_74_B2_G06	GM_74_B2_G06_T7	
	9968	GM_74_B2_G07	GM_74_B2_G07_T7	
	9969	GM_74_B2_G07		GM_74_B2_G07_MR
	9970	GM_74_B2_G08	GM_74_B2_G08_T7	
	9971	GM_74_B2_G08		GM_74_B2_G08_MR
20	9972	GM_74_B2_G09	GM_74_B2_G09_T7	
	9973	GM_74_B2_G09		GM_74_B2_G09_MR
	9974	GM_74_B2_G10	GM_74_B2_G10_T7	
	9975	GM_74_B2_G10		GM_74_B2_G10_MR
	9976	GM_74_B2_G11	GM_74_B2_G11_T7	
25	9977	GM_74_B2_G11		GM_74_B2_G11_MR
	9978	GM_74_B2_G12	GM_74_B2_G12_T7	
	9979	GM_74_B2_H01	GM_74_B2_H01_T7	
	9980	GM_74_B2_H01		GM_74_B2_H01_MR
	9981	GM_74_B2_H02	GM_74_B2_H02_T7	
30	9982	GM_74_B2_H02		GM_74_B2_H02_MR
	9983	GM_74_B2_H03	GM_74_B2_H03_T7	
	9984	GM_74_B2_H03		GM_74_B2_H03_MR
	9985	GM_74_B2_H04	GM_74_B2_H04_T7	
	9986	GM_74_B2_H05	GM_74_B2_H05_T7	
35	9987	GM_74_B2_H06	GM_74_B2_H06_T7	
	9988	GM_74_B2_H06		GM_74_B2_H06_MR
	9989	GM_74_B2_H07	GM_74_B2_H07_T7	
	9990	GM_74_B2_H07		GM_74_B2_H07_MR
	9991	GM_74_B2_H08	GM_74_B2_H08_T7	
40	9992	GM_74_B2_H09	GM_74_B2_H09_T7	
	9993	GM_74_B2_H09		GM_74_B2_H09_MR
	9994	GM_74_B2_H10	GM_74_B2_H10_T7	
	9995	GM_74_B2_H11	GM_74_B2_H11_T7	
	9996	GM_74_B2_H11		GM_74_B2_H11_MR
45	9997	GM_75_A1_A01	GM_75_A1_A01_T7	
	9998	GM_75_A1_A02	GM_75_A1_A02_T7	
	9999	GM_75_A1_A03	GM_75_A1_A03_T7	
	10000	GM_75_A1_A04	GM_75_A1_A04_T7	
	10001	GM_75_A1_A05	GM_75_A1_A05_T7	
50	10002	GM_75_A1_A08	GM_75_A1_A08_T7	
	10003	GM_75_A1_A09	GM_75_A1_A09_T7	
	10004	GM_75_A1_A10	GM_75_A1_A10_T7	
	10005	GM_75_A1_A12	GM_75_A1_A12_T7	
	10006	GM_75_A1_B01	GM_75_A1_B01_T7	
55	10007	GM_75_A1_B02	GM_75_A1_B02_T7	

	10008	GM_75_A1_B03	GM_75_A1_B03_T7
	10009	GM_75_A1_B04	GM_75_A1_B04_T7
	10010	GM_75_A1_B05	GM_75_A1_B05_T7
	10011	GM_75_A1_B08	GM_75_A1_B08_T7
5	10012	GM_75_A1_B10	GM_75_A1_B10_T7
	10013	GM_75_A1_B12	GM_75_A1_B12_T7
	10014	GM_75_A1_C01	GM_75_A1_C01_T7
	10015	GM_75_A1_C03	GM_75_A1_C03_T7
	10016	GM_75_A1_C04	GM_75_A1_C04_T7
10	10017	GM_75_A1_C05	GM_75_A1_C05_T7
	10018	GM_75_A1_C06	GM_75_A1_C06_T7
	10019	GM_75_A1_C07	GM_75_A1_C07_T7
	10020	GM_75_A1_C08	GM_75_A1_C08_T7
	10021	GM_75_A1_C10	GM_75_A1_C10_T7
15	10022	GM_75_A1_C11	GM_75_A1_C11_T7
	10023	GM_75_A1_C12	GM_75_A1_C12_T7
	10024	GM_75_A1_D01	GM_75_A1_D01_T7
	10025	GM_75_A1_D02	GM_75_A1_D02_T7
	10026	GM_75_A1_D03	GM_75_A1_D03_T7
20	10027	GM_75_A1_D04	GM_75_A1_D04_T7
	10028	GM_75_A1_D05	GM_75_A1_D05_T7
	10029	GM_75_A1_D06	GM_75_A1_D06_T7
	10030	GM_75_A1_D07	GM_75_A1_D07_T7
	10031	GM_75_A1_D08	GM_75_A1_D08_T7
25	10032	GM_75_A1_D09	GM_75_A1_D09_T7
	10033	GM_75_A1_D10	GM_75_A1_D10_T7
	10034	GM_75_A1_D11	GM_75_A1_D11_T7
	10035	GM_75_A1_D12	GM_75_A1_D12_T7
	10036	GM_75_A1_E02	GM_75_A1_E02_T7
30	10037	GM_75_A1_E03	GM_75_A1_E03_T7
	10038	GM_75_A1_E04	GM_75_A1_E04_T7
	10039	GM_75_A1_E05	GM_75_A1_E05_T7
	10040	GM_75_A1_E08	GM_75_A1_E08_T7
	10041	GM_75_A1_E09	GM_75_A1_E09_T7
35	10042	GM_75_A1_E10	GM_75_A1_E10_T7
	10043	GM_75_A1_E11	GM_75_A1_E11_T7
	10044	GM_75_A1_E12	GM_75_A1_E12_T7
	10045	GM_75_A1_F01	GM_75_A1_F01_T7
	10046	GM_75_A1_F02	GM_75_A1_F02_T7
40	10047	GM_75_A1_F03	GM_75_A1_F03_T7
	10048	GM_75_A1_F04	GM_75_A1_F04_T7
	10049	GM_75_A1_F05	GM_75_A1_F05_T7
	10050	GM_75_A1_F06	GM_75_A1_F06_T7
	10051	GM_75_A1_F08	GM_75_A1_F08_T7
45	10052	GM_75_A1_F10	GM_75_A1_F10_T7
	10053	GM_75_A1_F11	GM_75_A1_F11_T7
	10054	GM_75_A1_F12	GM_75_A1_F12_T7
	10055	GM_75_A1_G01	GM_75_A1_G01_T7
	10056	GM_75_A1_G02	GM_75_A1_G02_T7
50	10057	GM_75_A1_G03	GM_75_A1_G03_T7
	10058	GM_75_A1_G04	GM_75_A1_G04_T7
	10059	GM_75_A1_G05	GM_75_A1_G05_T7
	10060	GM_75_A1_G06	GM_75_A1_G06_T7
	10061	GM_75_A1_G07	GM_75_A1_G07_T7
55	10062	GM_75_A1_G08	GM_75_A1_G08_T7

	10063	GM_75_A1_G09	GM_75_A1_G09_T7	
	10064	GM_75_A1_G10	GM_75_A1_G10_T7	
	10065	GM_75_A1_G12	GM_75_A1_G12_T7	
	10066	GM_75_A1_H02	GM_75_A1_H02_T7	
5	10067	GM_75_A1_H03	GM_75_A1_H03_T7	
	10068	GM_75_A1_H04	GM_75_A1_H04_T7	
	10069	GM_75_A1_H05	GM_75_A1_H05_T7	
	10070	GM_75_A1_H06	GM_75_A1_H06_T7	
	10071	GM_75_A1_H07	GM_75_A1_H07_T7	
10	10072	GM_75_A1_H08	GM_75_A1_H08_T7	
	10073	GM_75_A1_H09	GM_75_A1_H09_T7	
	10074	GM_75_A1_H10	GM_75_A1_H10_T7	
	10075	GM_75_A1_H12	GM_75_A1_H12_T7	
	10076	GM_76_A1_A02	GM_76_A1_A02_T7	
15	10077	GM_76_A1_A02		GM_76_A1_A02_MR
	10078	GM_76_A1_A04	GM_76_A1_A04_T7	
	10079	GM_76_A1_A04		GM_76_A1_A04_MR
	10080	GM_76_A1_A05	GM_76_A1_A05_T7	
	10081	GM_76_A1_A05		GM_76_A1_A05_MR
20	10082	GM_76_A1_A06	GM_76_A1_A06_T7	
	10083	GM_76_A1_A06		GM_76_A1_A06_MR
	10084	GM_76_A1_A07	GM_76_A1_A07_T7	
	10085	GM_76_A1_A07		GM_76_A1_A07_MR
	10086	GM_76_A1_A08	GM_76_A1_A08_T7	
25	10087	GM_76_A1_A08		GM_76_A1_A08_MR
	10088	GM_76_A1_A09	GM_76_A1_A09_T7	
	10089	GM_76_A1_A09		GM_76_A1_A09_MR
	10090	GM_76_A1_A10	GM_76_A1_A10_T7	
	10091	GM_76_A1_A10		GM_76_A1_A10_MR
30	10092	GM_76_A1_A11	GM_76_A1_A11_T7	
	10093	GM_76_A1_A12	GM_76_A1_A12_T7	
	10094	GM_76_A1_B01	GM_76_A1_B01_T7	
	10095	GM_76_A1_B01		GM_76_A1_B01_MR
	10096	GM_76_A1_B02	GM_76_A1_B02_T7	
35	10097	GM_76_A1_B02		GM_76_A1_B02_MR
	10098	GM_76_A1_B04	GM_76_A1_B04_T7	
	10099	GM_76_A1_B04		GM_76_A1_B04_MR
	10100	GM_76_A1_B06	GM_76_A1_B06_T7	
	10101	GM_76_A1_B06		GM_76_A1_B06_MR
40	10102	GM_76_A1_B07	GM_76_A1_B07_T7	
	10103	GM_76_A1_B07		GM_76_A1_B07_MR
	10104	GM_76_A1_B08	GM_76_A1_B08_T7	
	10105	GM_76_A1_B09	GM_76_A1_B09_T7	
	10106	GM_76_A1_B09		GM_76_A1_B09_MR
45	10107	GM_76_A1_B10	GM_76_A1_B10_T7	
	10108	GM_76_A1_B10		GM_76_A1_B10_MR
	10109	GM_76_A1_B11	GM_76_A1_B11_T7	
	10110	GM_76_A1_B11		GM_76_A1_B11_MR
	10111	GM_76_A1_B12	GM_76_A1_B12_T7	
50	10112	GM_76_A1_B12		GM_76_A1_B12_MR
	10113	GM_76_A1_C01	GM_76_A1_C01_T7	
	10114	GM_76_A1_C01		GM_76_A1_C01_MR
	10115	GM_76_A1_C02	GM_76_A1_C02_T7	
	10116	GM_76_A1_C02		GM_76_A1_C02_MR
55	10117	GM_76_A1_C03	GM_76_A1_C03_T7	

	10118	GM_76_A1_C03		GM_76_A1_C03_MR
	10119	GM_76_A1_C04	GM_76_A1_C04_T7	
	10120	GM_76_A1_C04		GM_76_A1_C04_MR
	10121	GM_76_A1_C05	GM_76_A1_C05_T7	
5	10122	GM_76_A1_C05		GM_76_A1_C05_MR
	10123	GM_76_A1_C06	GM_76_A1_C06_T7	
	10124	GM_76_A1_C06		GM_76_A1_C06_MR
	10125	GM_76_A1_C07	GM_76_A1_C07_T7	
	10126	GM_76_A1_C07		GM_76_A1_C07_MR
10	10127	GM_76_A1_C08	GM_76_A1_C08_T7	
	10128	GM_76_A1_C08		GM_76_A1_C08_MR
	10129	GM_76_A1_C09	GM_76_A1_C09_T7	
	10130	GM_76_A1_C09		GM_76_A1_C09_MR
	10131	GM_76_A1_C10	GM_76_A1_C10_T7	
15	10132	GM_76_A1_C10		GM_76_A1_C10_MR
	10133	GM_76_A1_C11	GM_76_A1_C11_T7	
	10134	GM_76_A1_C11		GM_76_A1_C11_MR
	10135	GM_76_A1_C12	GM_76_A1_C12_T7	
	10136	GM_76_A1_C12		GM_76_A1_C12_MR
20	10137	GM_76_A1_D01	GM_76_A1_D01_T7	
	10138	GM_76_A1_D01		GM_76_A1_D01_MR
	10139	GM_76_A1_D02	GM_76_A1_D02_T7	
	10140	GM_76_A1_D02		GM_76_A1_D02_MR
	10141	GM_76_A1_D03	GM_76_A1_D03_T7	
25	10142	GM_76_A1_D03		GM_76_A1_D03_MR
	10143	GM_76_A1_D04	GM_76_A1_D04_T7	
	10144	GM_76_A1_D04		GM_76_A1_D04_MR
	10145	GM_76_A1_D05	GM_76_A1_D05_T7	
	10146	GM_76_A1_D05		GM_76_A1_D05_MR
30	10147	GM_76_A1_D06	GM_76_A1_D06_T7	
	10148	GM_76_A1_D06		GM_76_A1_D06_MR
	10149	GM_76_A1_D07	GM_76_A1_D07_T7	
	10150	GM_76_A1_D07		GM_76_A1_D07_MR
	10151	GM_76_A1_D08	GM_76_A1_D08_T7	
35	10152	GM_76_A1_D08		GM_76_A1_D08_MR
	10153	GM_76_A1_D09	GM_76_A1_D09_T7	
	10154	GM_76_A1_D09		GM_76_A1_D09_MR
	10155	GM_76_A1_D10	GM_76_A1_D10_T7	
	10156	GM_76_A1_D10		GM_76_A1_D10_MR
40	10157	GM_76_A1_D11	GM_76_A1_D11_T7	
	10158	GM_76_A1_D11		GM_76_A1_D11_MR
	10159	GM_76_A1_D12	GM_76_A1_D12_T7	
	10160	GM_76_A1_D12		GM_76_A1_D12_MR
	10161	GM_76_A1_E01	GM_76_A1_E01_T7	
45	10162	GM_76_A1_E02	GM_76_A1_E02_T7	
	10163	GM_76_A1_E02		GM_76_A1_E02_MR
	10164	GM_76_A1_E03	GM_76_A1_E03_T7	
	10165	GM_76_A1_E04		GM_76_A1_E04_MR
	10166	GM_76_A1_E05	GM_76_A1_E05_T7	
50	10167	GM_76_A1_E05		GM_76_A1_E05_MR
	10168	GM_76_A1_E06	GM_76_A1_E06_T7	
	10169	GM_76_A1_E06		GM_76_A1_E06_MR
	10170	GM_76_A1_E07	GM_76_A1_E07_T7	
	10171	GM_76_A1_E07		GM_76_A1_E07_MR
55	10172	GM_76_A1_E08	GM_76_A1_E08_T7	

	10173	GM_76_A1_E08		GM_76_A1_E08_MR
	10174	GM_76_A1_E09	GM_76_A1_E09_T7	
	10175	GM_76_A1_E10	GM_76_A1_E10_T7	
	10176	GM_76_A1_E10		GM_76_A1_E10_MR
5	10177	GM_76_A1_E11	GM_76_A1_E11_T7	
	10178	GM_76_A1_E11		GM_76_A1_E11_MR
	10179	GM_76_A1_E12	GM_76_A1_E12_T7	
	10180	GM_76_A1_E12		GM_76_A1_E12_MR
	10181	GM_76_A1_F01	GM_76_A1_F01_T7	
10	10182	GM_76_A1_F01		GM_76_A1_F01_MR
	10183	GM_76_A1_F02	GM_76_A1_F02_T7	
	10184	GM_76_A1_F02		GM_76_A1_F02_MR
	10185	GM_76_A1_F04	GM_76_A1_F04_T7	
	10186	GM_76_A1_F04		GM_76_A1_F04_MR
15	10187	GM_76_A1_F05	GM_76_A1_F05_T7	
	10188	GM_76_A1_F05		GM_76_A1_F05_MR
	10189	GM_76_A1_F06	GM_76_A1_F06_T7	
	10190	GM_76_A1_F06		GM_76_A1_F06_MR
	10191	GM_76_A1_F07	GM_76_A1_F07_T7	
20	10192	GM_76_A1_F07		GM_76_A1_F07_MR
	10193	GM_76_A1_F08	GM_76_A1_F08_T7	
	10194	GM_76_A1_F08		GM_76_A1_F08_MR
	10195	GM_76_A1_F09	GM_76_A1_F09_T7	
	10196	GM_76_A1_F09		GM_76_A1_F09_MR
25	10197	GM_76_A1_F10	GM_76_A1_F10_T7	
	10198	GM_76_A1_F10		GM_76_A1_F10_MR
	10199	GM_76_A1_F11	GM_76_A1_F11_T7	
	10200	GM_76_A1_F11		GM_76_A1_F11_MR
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30	10202	GM_76_A1_F12		GM_76_A1_F12_MR
	10203	GM_76_A1_G01	GM_76_A1_G01_T7	
	10204	GM_76_A1_G01		GM_76_A1_G01_MR
	10205	GM_76_A1_G02	GM_76_A1_G02_T7	
	10206	GM_76_A1_G02		GM_76_A1_G02_MR
35	10207	GM_76_A1_G03	GM_76_A1_G03_T7	
	10208	GM_76_A1_G03		GM_76_A1_G03_MR
	10209	GM_76_A1_G04	GM_76_A1_G04_T7	
	10210	GM_76_A1_G04		GM_76_A1_G04_MR
	10211	GM_76_A1_G05	GM_76_A1_G05_T7	
40	10212	GM_76_A1_G05		GM_76_A1_G05_MR
	10213	GM_76_A1_G06	GM_76_A1_G06_T7	
	10214	GM_76_A1_G06		GM_76_A1_G06_MR
	10215	GM_76_A1_G07	GM_76_A1_G07_T7	
	10216	GM_76_A1_G07		GM_76_A1_G07_MR
45	10217	GM_76_A1_G08	GM_76_A1_G08_T7	
	10218	GM_76_A1_G08		GM_76_A1_G08_MR
	10219	GM_76_A1_G09	GM_76_A1_G09_T7	
	10220	GM_76_A1_G09		GM_76_A1_G09_MR
	10221	GM_76_A1_G10	GM_76_A1_G10_T7	
50	10222	GM_76_A1_G10		GM_76_A1_G10_MR
	10223	GM_76_A1_G11	GM_76_A1_G11_T7	
	10224	GM_76_A1_G11		GM_76_A1_G11_MR
	10225	GM_76_A1_G12	GM_76_A1_G12_T7	
	10226	GM_76_A1_G12		GM_76_A1_G12_MR
55	10227	GM_76_A1_H01	GM_76_A1_H01_T7	

	10228	GM_76_A1_H01		GM_76_A1_H01_MR
	10229	GM_76_A1_H02	GM_76_A1_H02_T7	
	10230	GM_76_A1_H02		GM_76_A1_H02_MR
	10231	GM_76_A1_H03	GM_76_A1_H03_T7	
5	10232	GM_76_A1_H03		GM_76_A1_H03_MR
	10233	GM_76_A1_H04	GM_76_A1_H04_T7	
	10234	GM_76_A1_H04		GM_76_A1_H04_MR
	10235	GM_76_A1_H05	GM_76_A1_H05_T7	
	10236	GM_76_A1_H05		GM_76_A1_H05_MR
10	10237	GM_76_A1_H06	GM_76_A1_H06_T7	
	10238	GM_76_A1_H06		GM_76_A1_H06_MR
	10239	GM_76_A1_H07	GM_76_A1_H07_T7	
	10240	GM_76_A1_H07		GM_76_A1_H07_MR
	10241	GM_76_A1_H08	GM_76_A1_H08_T7	
15	10242	GM_76_A1_H08		GM_76_A1_H08_MR
	10243	GM_76_A1_H09	GM_76_A1_H09_T7	
	10244	GM_76_A1_H09		GM_76_A1_H09_MR
	10245	GM_76_A1_H10	GM_76_A1_H10_T7	
	10246	GM_76_A1_H10		GM_76_A1_H10_MR
20	10247	GM_76_A1_H11	GM_76_A1_H11_T7	
	10248	GM_76_A1_H11		GM_76_A1_H11_MR
	10249	GM_76_A1_H12		GM_76_A1_H12_MR
	10250	GM_77_A1_A01		GM_77_A1_A01_MR
	10251	GM_77_A1_A02	GM_77_A1_A02_T7	
25	10252	GM_77_A1_A03	GM_77_A1_A03_T7	
	10253	GM_77_A1_A03		GM_77_A1_A03_MR
	10254	GM_77_A1_A04	GM_77_A1_A04_T7	
	10255	GM_77_A1_A04		GM_77_A1_A04_MR
	10256	GM_77_A1_A05	GM_77_A1_A05_T7	
30	10257	GM_77_A1_A05		GM_77_A1_A05_MR
	10258	GM_77_A1_A06	GM_77_A1_A06_T7	
	10259	GM_77_A1_A06		GM_77_A1_A06_MR
	10260	GM_77_A1_A08	GM_77_A1_A08_T7	
	10261	GM_77_A1_A08		GM_77_A1_A08_MR
35	10262	GM_77_A1_A09		GM_77_A1_A09_MR
	10263	GM_77_A1_A10	GM_77_A1_A10_T7	
	10264	GM_77_A1_A10		GM_77_A1_A10_MR
	10265	GM_77_A1_A11	GM_77_A1_A11_T7	
	10266	GM_77_A1_A11		GM_77_A1_A11_MR
40	10267	GM_77_A1_A12	GM_77_A1_A12_T7	
	10268	GM_77_A1_A12		GM_77_A1_A12_MR
	10269	GM_77_A1_B01	GM_77_A1_B01_T7	
	10270	GM_77_A1_B01		GM_77_A1_B01_MR
	10271	GM_77_A1_B02	GM_77_A1_B02_T7	
45	10272	GM_77_A1_B02		GM_77_A1_B02_MR
	10273	GM_77_A1_B03	GM_77_A1_B03_T7	
	10274	GM_77_A1_B03		GM_77_A1_B03_MR
	10275	GM_77_A1_B04	GM_77_A1_B04_T7	
	10276	GM_77_A1_B04		GM_77_A1_B04_MR
50	10277	GM_77_A1_B05	GM_77_A1_B05_T7	
	10278	GM_77_A1_B05		GM_77_A1_B05_MR
	10279	GM_77_A1_B06	GM_77_A1_B06_T7	
	10280	GM_77_A1_B06		GM_77_A1_B06_MR
	10281	GM_77_A1_B07	GM_77_A1_B07_T7	
55	10282	GM_77_A1_B07		GM_77_A1_B07_MR

	10283	GM_77_A1_B08	GM_77_A1_B08_T7	
	10284	GM_77_A1_B08		GM_77_A1_B08_MR
	10285	GM_77_A1_B09	GM_77_A1_B09_T7	
	10286	GM_77_A1_B09		GM_77_A1_B09_MR
5	10287	GM_77_A1_B10		GM_77_A1_B10_MR
	10288	GM_77_A1_B11	GM_77_A1_B11_T7	
	10289	GM_77_A1_B11		GM_77_A1_B11_MR
	10290	GM_77_A1_B12	GM_77_A1_B12_T7	
	10291	GM_77_A1_B12		GM_77_A1_B12_MR
10	10292	GM_77_A1_C02	GM_77_A1_C02_T7	
	10293	GM_77_A1_C02		GM_77_A1_C02_MR
	10294	GM_77_A1_C03	GM_77_A1_C03_T7	
	10295	GM_77_A1_C03		GM_77_A1_C03_MR
	10296	GM_77_A1_C04	GM_77_A1_C04_T7	
15	10297	GM_77_A1_C04		GM_77_A1_C04_MR
	10298	GM_77_A1_C05	GM_77_A1_C05_T7	
	10299	GM_77_A1_C05		GM_77_A1_C05_MR
	10300	GM_77_A1_C06	GM_77_A1_C06_T7	
	10301	GM_77_A1_C07	GM_77_A1_C07_T7	
20	10302	GM_77_A1_C07		GM_77_A1_C07_MR
	10303	GM_77_A1_C08	GM_77_A1_C08_T7	
	10304	GM_77_A1_C09	GM_77_A1_C09_T7	
	10305	GM_77_A1_C09		GM_77_A1_C09_MR
	10306	GM_77_A1_C10	GM_77_A1_C10_T7	
25	10307	GM_77_A1_C10		GM_77_A1_C10_MR
	10308	GM_77_A1_C11	GM_77_A1_C11_T7	
	10309	GM_77_A1_C12	GM_77_A1_C12_T7	
	10310	GM_77_A1_C12		GM_77_A1_C12_MR
	10311	GM_77_A1_D01	GM_77_A1_D01_T7	
30	10312	GM_77_A1_D01		GM_77_A1_D01_MR
	10313	GM_77_A1_D02	GM_77_A1_D02_T7	
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	10315	GM_77_A1_D03	GM_77_A1_D03_T7	
	10316	GM_77_A1_D03		GM_77_A1_D03_MR
35	10317	GM_77_A1_D04	GM_77_A1_D04_T7	
	10318	GM_77_A1_D04		GM_77_A1_D04_MR
	10319	GM_77_A1_D05	GM_77_A1_D05_T7	
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	10321	GM_77_A1_D06	GM_77_A1_D06_T7	
40	10322	GM_77_A1_D06		GM_77_A1_D06_MR
	10323	GM_77_A1_D07	GM_77_A1_D07_T7	
	10324	GM_77_A1_D07		GM_77_A1_D07_MR
	10325	GM_77_A1_D08	GM_77_A1_D08_T7	
	10326	GM_77_A1_D09	GM_77_A1_D09_T7	
45	10327	GM_77_A1_D09		GM_77_A1_D09_MR
	10328	GM_77_A1_D10	GM_77_A1_D10_T7	
	10329	GM_77_A1_D10		GM_77_A1_D10_MR
	10330	GM_77_A1_D11	GM_77_A1_D11_T7	
	10331	GM_77_A1_D11		GM_77_A1_D11_MR
50	10332	GM_77_A1_D12	GM_77_A1_D12_T7	
	10333	GM_77_A1_D12		GM_77_A1_D12_MR
	10334	GM_77_A1_E01	GM_77_A1_E01_T7	
	10335	GM_77_A1_E01		GM_77_A1_E01_MR
	10336	GM_77_A1_E02	GM_77_A1_E02_T7	
55	10337	GM_77_A1_E02		GM_77_A1_E02_MR

	10338	GM_77_A1_E03	GM_77_A1_E03_T7	
	10339	GM_77_A1_E03		GM_77_A1_E03_MR
	10340	GM_77_A1_E04	GM_77_A1_E04_T7	
	10341	GM_77_A1_E04		GM_77_A1_E04_MR
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	10343	GM_77_A1_E05		GM_77_A1_E05_MR
	10344	GM_77_A1_E06	GM_77_A1_E06_T7	
	10345	GM_77_A1_E06		GM_77_A1_E06_MR
	10346	GM_77_A1_E07	GM_77_A1_E07_T7	
10	10347	GM_77_A1_E07		GM_77_A1_E07_MR
	10348	GM_77_A1_E08	GM_77_A1_E08_T7	
	10349	GM_77_A1_E08		GM_77_A1_E08_MR
	10350	GM_77_A1_E09	GM_77_A1_E09_T7	
	10351	GM_77_A1_E09		GM_77_A1_E09_MR
15	10352	GM_77_A1_E10	GM_77_A1_E10_T7	
	10353	GM_77_A1_E10		GM_77_A1_E10_MR
	10354	GM_77_A1_E11	GM_77_A1_E11_T7	
	10355	GM_77_A1_E11		GM_77_A1_E11_MR
	10356	GM_77_A1_E12		GM_77_A1_E12_MR
20	10357	GM_77_A1_F01	GM_77_A1_F01_T7	
	10358	GM_77_A1_F01		GM_77_A1_F01_MR
	10359	GM_77_A1_F02	GM_77_A1_F02_T7	
	10360	GM_77_A1_F02		GM_77_A1_F02_MR
	10361	GM_77_A1_F03	GM_77_A1_F03_T7	
25	10362	GM_77_A1_F03		GM_77_A1_F03_MR
	10363	GM_77_A1_F04		GM_77_A1_F04_MR
	10364	GM_77_A1_F05	GM_77_A1_F05_T7	
	10365	GM_77_A1_F05		GM_77_A1_F05_MR
	10366	GM_77_A1_F06	GM_77_A1_F06_T7	
30	10367	GM_77_A1_F06		GM_77_A1_F06_MR
	10368	GM_77_A1_F07	GM_77_A1_F07_T7	
	10369	GM_77_A1_F07		GM_77_A1_F07_MR
	10370	GM_77_A1_F08	GM_77_A1_F08_T7	
	10371	GM_77_A1_F08		GM_77_A1_F08_MR
35	10372	GM_77_A1_F09	GM_77_A1_F09_T7	
	10373	GM_77_A1_F09		GM_77_A1_F09_MR
	10374	GM_77_A1_F10	GM_77_A1_F10_T7	
	10375	GM_77_A1_F10		GM_77_A1_F10_MR
	10376	GM_77_A1_F11	GM_77_A1_F11_T7	
40	10377	GM_77_A1_F11		GM_77_A1_F11_MR
	10378	GM_77_A1_F12	GM_77_A1_F12_T7	
	10379	GM_77_A1_F12		GM_77_A1_F12_MR
	10380	GM_77_A1_G01	GM_77_A1_G01_T7	
	10381	GM_77_A1_G01		GM_77_A1_G01_MR
45	10382	GM_77_A1_G02	GM_77_A1_G02_T7	
	10383	GM_77_A1_G02		GM_77_A1_G02_MR
	10384	GM_77_A1_G03	GM_77_A1_G03_T7	
	10385	GM_77_A1_G03		GM_77_A1_G03_MR
	10386	GM_77_A1_G04	GM_77_A1_G04_T7	
50	10387	GM_77_A1_G04		GM_77_A1_G04_MR
	10388	GM_77_A1_G05	GM_77_A1_G05_T7	
	10389	GM_77_A1_G05		GM_77_A1_G05_MR
	10390	GM_77_A1_G06	GM_77_A1_G06_T7	
	10391	GM_77_A1_G06		GM_77_A1_G06_MR
55	10392	GM_77_A1_G07	GM_77_A1_G07_T7	

	10393	GM_77_A1_G07		GM_77_A1_G07_MR
	10394	GM_77_A1_G08	GM_77_A1_G08_T7	
	10395	GM_77_A1_G08		GM_77_A1_G08_MR
	10396	GM_77_A1_G09	GM_77_A1_G09_T7	
5	10397	GM_77_A1_G09		GM_77_A1_G09_MR
	10398	GM_77_A1_G10	GM_77_A1_G10_T7	
	10399	GM_77_A1_G10		GM_77_A1_G10_MR
	10400	GM_77_A1_G11	GM_77_A1_G11_T7	
	10401	GM_77_A1_G11		GM_77_A1_G11_MR
10	10402	GM_77_A1_G12	GM_77_A1_G12_T7	
	10403	GM_77_A1_H01	GM_77_A1_H01_T7	
	10404	GM_77_A1_H01		GM_77_A1_H01_MR
	10405	GM_77_A1_H02	GM_77_A1_H02_T7	
	10406	GM_77_A1_H02		GM_77_A1_H02_MR
15	10407	GM_77_A1_H03	GM_77_A1_H03_T7	
	10408	GM_77_A1_H04	GM_77_A1_H04_T7	
	10409	GM_77_A1_H05	GM_77_A1_H05_T7	
	10410	GM_77_A1_H05		GM_77_A1_H05_MR
	10411	GM_77_A1_H06	GM_77_A1_H06_T7	
20	10412	GM_77_A1_H06		GM_77_A1_H06_MR
	10413	GM_77_A1_H07	GM_77_A1_H07_T7	
	10414	GM_77_A1_H07		GM_77_A1_H07_MR
	10415	GM_77_A1_H08	GM_77_A1_H08_T7	
	10416	GM_77_A1_H08		GM_77_A1_H08_MR
25	10417	GM_77_A1_H09	GM_77_A1_H09_T7	
	10418	GM_77_A1_H09		GM_77_A1_H09_MR
	10419	GM_77_A1_H10	GM_77_A1_H10_T7	
	10420	GM_77_A1_H10		GM_77_A1_H10_MR
	10421	GM_77_A1_H11	GM_77_A1_H11_T7	
30	10422	GM_77_A1_H11		GM_77_A1_H11_MR
	10423	GM_77_A1_H12	GM_77_A1_H12_T7	
	10424	GM_77_A1_H12		GM_77_A1_H12_MR
	10425	GM_77_B2_A02	GM_77_B2_A02_T7	
	10426	GM_77_B2_A03	GM_77_B2_A03_T7	
35	10427	GM_77_B2_A04	GM_77_B2_A04_T7	
	10428	GM_77_B2_A05	GM_77_B2_A05_T7	
	10429	GM_77_B2_A05		GM_77_B2_A05_MR
	10430	GM_77_B2_A07	GM_77_B2_A07_T7	
	10431	GM_77_B2_A07		GM_77_B2_A07_MR
40	10432	GM_77_B2_A08	GM_77_B2_A08_T7	
	10433	GM_77_B2_A08		GM_77_B2_A08_MR
	10434	GM_77_B2_A09	GM_77_B2_A09_T7	
	10435	GM_77_B2_A09		GM_77_B2_A09_MR
	10436	GM_77_B2_A10	GM_77_B2_A10_T7	
45	10437	GM_77_B2_A10		GM_77_B2_A10_MR
	10438	GM_77_B2_A11	GM_77_B2_A11_T7	
	10439	GM_77_B2_A12	GM_77_B2_A12_T7	
	10440	GM_77_B2_A12		GM_77_B2_A12_MR
	10441	GM_77_B2_B01	GM_77_B2_B01_T7	
50	10442	GM_77_B2_B01		GM_77_B2_B01_MR
	10443	GM_77_B2_B02	GM_77_B2_B02_T7	
	10444	GM_77_B2_B03	GM_77_B2_B03_T7	
	10445	GM_77_B2_B04	GM_77_B2_B04_T7	
	10446	GM_77_B2_B04		GM_77_B2_B04_MR
55	10447	GM_77_B2_B05	GM_77_B2_B05_T7	

	10448	GM_77_B2_B05		GM_77_B2_B05_MR
	10449	GM_77_B2_B06	GM_77_B2_B06_T7	
	10450	GM_77_B2_B07	GM_77_B2_B07_T7	
	10451	GM_77_B2_B07		GM_77_B2_B07_MR
5	10452	GM_77_B2_B08	GM_77_B2_B08_T7	
	10453	GM_77_B2_B09	GM_77_B2_B09_T7	
	10454	GM_77_B2_B09		GM_77_B2_B09_MR
	10455	GM_77_B2_B10	GM_77_B2_B10_T7	
	10456	GM_77_B2_B10		GM_77_B2_B10_MR
10	10457	GM_77_B2_B11	GM_77_B2_B11_T7	
	10458	GM_77_B2_B11		GM_77_B2_B11_MR
	10459	GM_77_B2_B12	GM_77_B2_B12_T7	
	10460	GM_77_B2_B12		GM_77_B2_B12_MR
	10461	GM_77_B2_C01	GM_77_B2_C01_T7	
15	10462	GM_77_B2_C01		GM_77_B2_C01_MR
	10463	GM_77_B2_C02	GM_77_B2_C02_T7	
	10464	GM_77_B2_C02		GM_77_B2_C02_MR
	10465	GM_77_B2_C03	GM_77_B2_C03_T7	
	10466	GM_77_B2_C03		GM_77_B2_C03_MR
20	10467	GM_77_B2_C04	GM_77_B2_C04_T7	
	10468	GM_77_B2_C04		GM_77_B2_C04_MR
	10469	GM_77_B2_C05	GM_77_B2_C05_T7	
	10470	GM_77_B2_C05		GM_77_B2_C05_MR
	10471	GM_77_B2_C06	GM_77_B2_C06_T7	
25	10472	GM_77_B2_C06		GM_77_B2_C06_MR
	10473	GM_77_B2_C09	GM_77_B2_C09_T7	
	10474	GM_77_B2_C09		GM_77_B2_C09_MR
	10475	GM_77_B2_C10	GM_77_B2_C10_T7	
	10476	GM_77_B2_C10		GM_77_B2_C10_MR
30	10477	GM_77_B2_C12	GM_77_B2_C12_T7	
	10478	GM_77_B2_C12		GM_77_B2_C12_MR
	10479	GM_77_B2_D01	GM_77_B2_D01_T7	
	10480	GM_77_B2_D01		GM_77_B2_D01_MR
	10481	GM_77_B2_D02	GM_77_B2_D02_T7	
35	10482	GM_77_B2_D03	GM_77_B2_D03_T7	
	10483	GM_77_B2_D04	GM_77_B2_D04_T7	
	10484	GM_77_B2_D04		GM_77_B2_D04_MR
	10485	GM_77_B2_D05	GM_77_B2_D05_T7	
	10486	GM_77_B2_D06	GM_77_B2_D06_T7	
40	10487	GM_77_B2_D06		GM_77_B2_D06_MR
	10488	GM_77_B2_D07	GM_77_B2_D07_T7	
	10489	GM_77_B2_D07		GM_77_B2_D07_MR
	10490	GM_77_B2_D08	GM_77_B2_D08_T7	
	10491	GM_77_B2_D08		GM_77_B2_D08_MR
45	10492	GM_77_B2_D09	GM_77_B2_D09_T7	
	10493	GM_77_B2_D10	GM_77_B2_D10_T7	
	10494	GM_77_B2_D10		GM_77_B2_D10_MR
	10495	GM_77_B2_D11	GM_77_B2_D11_T7	
	10496	GM_77_B2_D12	GM_77_B2_D12_T7	
50	10497	GM_77_B2_D12		GM_77_B2_D12_MR
	10498	GM_77_B2_E01	GM_77_B2_E01_T7	
	10499	GM_77_B2_E01		GM_77_B2_E01_MR
	10500	GM_77_B2_E02	GM_77_B2_E02_T7	
	10501	GM_77_B2_E02		GM_77_B2_E02_MR
55	10502	GM_77_B2_E03	GM_77_B2_E03_T7	

	10503	GM_77_B2_E04	GM_77_B2_E04_T7	
	10504	GM_77_B2_E04		GM_77_B2_E04_MR
	10505	GM_77_B2_E05	GM_77_B2_E05_T7	
	10506	GM_77_B2_E05		GM_77_B2_E05_MR
5	10507	GM_77_B2_E06	GM_77_B2_E06_T7	
	10508	GM_77_B2_E06		GM_77_B2_E06_MR
	10509	GM_77_B2_E07	GM_77_B2_E07_T7	
	10510	GM_77_B2_E07		GM_77_B2_E07_MR
	10511	GM_77_B2_E08	GM_77_B2_E08_T7	
10	10512	GM_77_B2_E08		GM_77_B2_E08_MR
	10513	GM_77_B2_E09	GM_77_B2_E09_T7	
	10514	GM_77_B2_E09		GM_77_B2_E09_MR
	10515	GM_77_B2_E10	GM_77_B2_E10_T7	
	10516	GM_77_B2_E10		GM_77_B2_E10_MR
15	10517	GM_77_B2_E11	GM_77_B2_E11_T7	
	10518	GM_77_B2_E11		GM_77_B2_E11_MR
	10519	GM_77_B2_E12	GM_77_B2_E12_T7	
	10520	GM_77_B2_E12		GM_77_B2_E12_MR
	10521	GM_77_B2_F01	GM_77_B2_F01_T7	
20	10522	GM_77_B2_F01		GM_77_B2_F01_MR
	10523	GM_77_B2_F02	GM_77_B2_F02_T7	
	10524	GM_77_B2_F03	GM_77_B2_F03_T7	
	10525	GM_77_B2_F04	GM_77_B2_F04_T7	
	10526	GM_77_B2_F04		GM_77_B2_F04_MR
25	10527	GM_77_B2_F05	GM_77_B2_F05_T7	
	10528	GM_77_B2_F05		GM_77_B2_F05_MR
	10529	GM_77_B2_F06	GM_77_B2_F06_T7	
	10530	GM_77_B2_F06		GM_77_B2_F06_MR
	10531	GM_77_B2_F07	GM_77_B2_F07_T7	
30	10532	GM_77_B2_F07		GM_77_B2_F07_MR
	10533	GM_77_B2_F08	GM_77_B2_F08_T7	
	10534	GM_77_B2_F08		GM_77_B2_F08_MR
	10535	GM_77_B2_F09	GM_77_B2_F09_T7	
	10536	GM_77_B2_F10	GM_77_B2_F10_T7	
35	10537	GM_77_B2_F10		GM_77_B2_F10_MR
	10538	GM_77_B2_F11	GM_77_B2_F11_T7	
	10539	GM_77_B2_F11		GM_77_B2_F11_MR
	10540	GM_77_B2_F12	GM_77_B2_F12_T7	
	10541	GM_77_B2_F12		GM_77_B2_F12_MR
40	10542	GM_77_B2_G01	GM_77_B2_G01_T7	
	10543	GM_77_B2_G02	GM_77_B2_G02_T7	
	10544	GM_77_B2_G02		GM_77_B2_G02_MR
	10545	GM_77_B2_G03	GM_77_B2_G03_T7	
	10546	GM_77_B2_G03		GM_77_B2_G03_MR
45	10547	GM_77_B2_G04	GM_77_B2_G04_T7	
	10548	GM_77_B2_G04		GM_77_B2_G04_MR
	10549	GM_77_B2_G05	GM_77_B2_G05_T7	
	10550	GM_77_B2_G05		GM_77_B2_G05_MR
	10551	GM_77_B2_G06	GM_77_B2_G06_T7	
50	10552	GM_77_B2_G06		GM_77_B2_G06_MR
	10553	GM_77_B2_G07	GM_77_B2_G07_T7	
	10554	GM_77_B2_G07		GM_77_B2_G07_MR
	10555	GM_77_B2_G08	GM_77_B2_G08_T7	
	10556	GM_77_B2_G08		GM_77_B2_G08_MR
55	10557	GM_77_B2_G09	GM_77_B2_G09_T7	

	10558	GM_77_B2_G10	GM_77_B2_G10_T7	
	10559	GM_77_B2_G10		GM_77_B2_G10_MR
	10560	GM_77_B2_G11	GM_77_B2_G11_T7	
	10561	GM_77_B2_G11		GM_77_B2_G11_MR
5	10562	GM_77_B2_G12	GM_77_B2_G12_T7	
	10563	GM_77_B2_H01	GM_77_B2_H01_T7	
	10564	GM_77_B2_H01		GM_77_B2_H01_MR
	10565	GM_77_B2_H02	GM_77_B2_H02_T7	
	10566	GM_77_B2_H02		GM_77_B2_H02_MR
10	10567	GM_77_B2_H03	GM_77_B2_H03_T7	
	10568	GM_77_B2_H03		GM_77_B2_H03_MR
	10569	GM_77_B2_H04	GM_77_B2_H04_T7	
	10570	GM_77_B2_H04		GM_77_B2_H04_MR
	10571	GM_77_B2_H05	GM_77_B2_H05_T7	
15	10572	GM_77_B2_H05		GM_77_B2_H05_MR
	10573	GM_77_B2_H06	GM_77_B2_H06_T7	
	10574	GM_77_B2_H06		GM_77_B2_H06_MR
	10575	GM_77_B2_H07	GM_77_B2_H07_T7	
	10576	GM_77_B2_H07		GM_77_B2_H07_MR
20	10577	GM_77_B2_H08	GM_77_B2_H08_T7	
	10578	GM_77_B2_H08		GM_77_B2_H08_MR
	10579	GM_77_B2_H09	GM_77_B2_H09_T7	
	10580	GM_77_B2_H10	GM_77_B2_H10_T7	
	10581	GM_77_B2_H10		GM_77_B2_H10_MR
25	10582	GM_77_B2_H11	GM_77_B2_H11_T7	
	10583	GM_77_B2_H12	GM_77_B2_H12_T7	
	10584	GM_77_B2_H12		GM_77_B2_H12_MR
	10585	GM_M01_A1_A03		GM_M01_A1_A03_MR
	10586	GM_M01_A1_A04		GM_M01_A1_A04_MR
30	10587	GM_M01_A1_A05		GM_M01_A1_A05_MR
	10588	GM_M01_A1_A08		GM_M01_A1_A08_MR
	10589	GM_M01_A1_A10		GM_M01_A1_A10_MR
	10590	GM_M01_A1_A12		GM_M01_A1_A12_MR
	10591	GM_M01_A1_B07		GM_M01_A1_B07_MR
35	10592	GM_M01_A1_B09		GM_M01_A1_B09_MR
	10593	GM_M01_A1_B10		GM_M01_A1_B10_MR
	10594	GM_M01_A1_B12		GM_M01_A1_B12_MR
	10595	GM_M01_A1_C06		GM_M01_A1_C06_MR
	10596	GM_M01_A1_C07		GM_M01_A1_C07_MR
40	10597	GM_M01_A1_C08		GM_M01_A1_C08_MR
	10598	GM_M01_A1_C09		GM_M01_A1_C09_MR
	10599	GM_M01_A1_C12		GM_M01_A1_C12_MR
	10600	GM_M01_A1_D02		GM_M01_A1_D02_MR
	10601	GM_M01_A1_D05		GM_M01_A1_D05_MR
45	10602	GM_M01_A1_D07		GM_M01_A1_D07_MR
	10603	GM_M01_A1_D08		GM_M01_A1_D08_MR
	10604	GM_M01_A1_D10		GM_M01_A1_D10_MR
	10605	GM_M01_A1_E03		GM_M01_A1_E03_MR
	10606	GM_M01_A1_E04		GM_M01_A1_E04_MR
50	10607	GM_M01_A1_E07		GM_M01_A1_E07_MR
	10608	GM_M01_A1_E08		GM_M01_A1_E08_MR
	10609	GM_M01_A1_E10		GM_M01_A1_E10_MR
	10610	GM_M01_A1_E11		GM_M01_A1_E11_MR
	10611	GM_M01_A1_F05		GM_M01_A1_F05_MR
55	10612	GM_M01_A1_F08		GM_M01_A1_F08_MR

	10613	GM_M01_A1_F09		GM_M01_A1_F09_MR
	10614	GM_M01_A1_F11		GM_M01_A1_F11_MR
	10615	GM_M01_A1_F12		GM_M01_A1_F12_MR
	10616	GM_M01_A1_G01		GM_M01_A1_G01_MR
5	10617	GM_M01_A1_G02		GM_M01_A1_G02_MR
	10618	GM_M01_A1_G03		GM_M01_A1_G03_MR
	10619	GM_M01_A1_G04		GM_M01_A1_G04_MR
	10620	GM_M01_A1_G06		GM_M01_A1_G06_MR
	10621	GM_M01_A1_G07		GM_M01_A1_G07_MR
10	10622	GM_M01_A1_G08		GM_M01_A1_G08_MR
	10623	GM_M01_A1_G09		GM_M01_A1_G09_MR
	10624	GM_M01_A1_G10		GM_M01_A1_G10_MR
	10625	GM_M01_A1_H01		GM_M01_A1_H01_MR
	10626	GM_M01_A1_H02		GM_M01_A1_H02_MR
15	10627	GM_M01_A1_H03		GM_M01_A1_H03_MR
	10628	GM_M01_A1_H06		GM_M01_A1_H06_MR
	10629	GM_M01_A1_H07		GM_M01_A1_H07_MR
	10630	GM_M01_A1_H08		GM_M01_A1_H08_MR
	10631	GM_M01_A1_H10		GM_M01_A1_H10_MR
20	10632	GM_M01_A1_H11		GM_M01_A1_H11_MR
	10633	GM_M01_A1_H12		GM_M01_A1_H12_MR
	10634	GM_M01_A2_A01	GM_M01_A2_A01_MF	
	10635	GM_M01_A2_A01		GM_M01_A2_A01_MR
	10636	GM_M01_A2_A02	GM_M01_A2_A02_MF	
25	10637	GM_M01_A2_A02		GM_M01_A2_A02_MR
	10638	GM_M01_A2_A03	GM_M01_A2_A03_MF	
	10639	GM_M01_A2_A03		GM_M01_A2_A03_MR
	10640	GM_M01_A2_A04	GM_M01_A2_A04_MF	
	10641	GM_M01_A2_A04		GM_M01_A2_A04_MR
30	10642	GM_M01_A2_A05	GM_M01_A2_A05_MF	
	10643	GM_M01_A2_A05		GM_M01_A2_A05_MR
	10644	GM_M01_A2_A06	GM_M01_A2_A06_MF	
	10645	GM_M01_A2_A06		GM_M01_A2_A06_MR
	10646	GM_M01_A2_A07	GM_M01_A2_A07_MF	
35	10647	GM_M01_A2_A07		GM_M01_A2_A07_MR
	10648	GM_M01_A2_A08	GM_M01_A2_A08_MF	
	10649	GM_M01_A2_A08		GM_M01_A2_A08_MR
	10650	GM_M01_A2_A09	GM_M01_A2_A09_MF	
	10651	GM_M01_A2_A09		GM_M01_A2_A09_MR
40	10652	GM_M01_A2_A10	GM_M01_A2_A10_MF	
	10653	GM_M01_A2_A10		GM_M01_A2_A10_MR
	10654	GM_M01_A2_A11	GM_M01_A2_A11_MF	
	10655	GM_M01_A2_A11		GM_M01_A2_A11_MR
	10656	GM_M01_A2_A12	GM_M01_A2_A12_MF	
45	10657	GM_M01_A2_A12		GM_M01_A2_A12_MR
	10658	GM_M01_A2_B01	GM_M01_A2_B01_MF	
	10659	GM_M01_A2_B01		GM_M01_A2_B01_MR
	10660	GM_M01_A2_B02	GM_M01_A2_B02_MF	
	10661	GM_M01_A2_B02		GM_M01_A2_B02_MR
50	10662	GM_M01_A2_B03	GM_M01_A2_B03_MF	
	10663	GM_M01_A2_B03		GM_M01_A2_B03_MR
	10664	GM_M01_A2_B04	GM_M01_A2_B04_MF	
	10665	GM_M01_A2_B04		GM_M01_A2_B04_MR
	10666	GM_M01_A2_B05	GM_M01_A2_B05_MF	
55	10667	GM_M01_A2_B05		GM_M01_A2_B05_MR

5	10668	GM_M01_A2_B06	GM_M01_A2_B06_MF	
	10669	GM_M01_A2_B06		GM_M01_A2_B06_MR
	10670	GM_M01_A2_B07	GM_M01_A2_B07_MF	
	10671	GM_M01_A2_B07		GM_M01_A2_B07_MR
	10672	GM_M01_A2_B08	GM_M01_A2_B08_MF	
10	10673	GM_M01_A2_B08		GM_M01_A2_B08_MR
	10674	GM_M01_A2_B09	GM_M01_A2_B09_MF	
	10675	GM_M01_A2_B09		GM_M01_A2_B09_MR
	10676	GM_M01_A2_B10	GM_M01_A2_B10_MF	
	10677	GM_M01_A2_B10		GM_M01_A2_B10_MR
15	10678	GM_M01_A2_B11	GM_M01_A2_B11_MF	
	10679	GM_M01_A2_B11		GM_M01_A2_B11_MR
	10680	GM_M01_A2_B12	GM_M01_A2_B12_MF	
	10681	GM_M01_A2_B12		GM_M01_A2_B12_MR
	10682	GM_M01_A2_C01	GM_M01_A2_C01_MF	
20	10683	GM_M01_A2_C01		GM_M01_A2_C01_MR
	10684	GM_M01_A2_C02	GM_M01_A2_C02_MF	
	10685	GM_M01_A2_C02		GM_M01_A2_C02_MR
	10686	GM_M01_A2_C03	GM_M01_A2_C03_MF	
	10687	GM_M01_A2_C03		GM_M01_A2_C03_MR
25	10688	GM_M01_A2_C04	GM_M01_A2_C04_MF	
	10689	GM_M01_A2_C04		GM_M01_A2_C04_MR
	10690	GM_M01_A2_C05	GM_M01_A2_C05_MF	
	10691	GM_M01_A2_C05		GM_M01_A2_C05_MR
	10692	GM_M01_A2_C06	GM_M01_A2_C06_MF	
30	10693	GM_M01_A2_C06		GM_M01_A2_C06_MR
	10694	GM_M01_A2_C07	GM_M01_A2_C07_MF	
	10695	GM_M01_A2_C07		GM_M01_A2_C07_MR
	10696	GM_M01_A2_C08	GM_M01_A2_C08_MF	
	10697	GM_M01_A2_C08		GM_M01_A2_C08_MR
35	10698	GM_M01_A2_C09	GM_M01_A2_C09_MF	
	10699	GM_M01_A2_C09		GM_M01_A2_C09_MR
	10700	GM_M01_A2_C10	GM_M01_A2_C10_MF	
	10701	GM_M01_A2_C10		GM_M01_A2_C10_MR
	10702	GM_M01_A2_C11	GM_M01_A2_C11_MF	
40	10703	GM_M01_A2_C11		GM_M01_A2_C11_MR
	10704	GM_M01_A2_C12	GM_M01_A2_C12_MF	
	10705	GM_M01_A2_C12		GM_M01_A2_C12_MR
	10706	GM_M01_A2_D01	GM_M01_A2_D01_MF	
	10707	GM_M01_A2_D01		GM_M01_A2_D01_MR
45	10708	GM_M01_A2_D02	GM_M01_A2_D02_MF	
	10709	GM_M01_A2_D02		GM_M01_A2_D02_MR
	10710	GM_M01_A2_D03	GM_M01_A2_D03_MF	
	10711	GM_M01_A2_D03		GM_M01_A2_D03_MR
	10712	GM_M01_A2_D04	GM_M01_A2_D04_MF	
50	10713	GM_M01_A2_D04		GM_M01_A2_D04_MR
	10714	GM_M01_A2_D05	GM_M01_A2_D05_MF	
	10715	GM_M01_A2_D05		GM_M01_A2_D05_MR
	10716	GM_M01_A2_D06	GM_M01_A2_D06_MF	
	10717	GM_M01_A2_D06		GM_M01_A2_D06_MR
55	10718	GM_M01_A2_D07	GM_M01_A2_D07_MF	
	10719	GM_M01_A2_D07		GM_M01_A2_D07_MR
	10720	GM_M01_A2_D08	GM_M01_A2_D08_MF	
	10721	GM_M01_A2_D08		GM_M01_A2_D08_MR
	10722	GM_M01_A2_D09	GM_M01_A2_D09_MF	

	10723	GM_M01_A2_D09		GM_M01_A2_D09_MR
	10724	GM_M01_A2_D10	GM_M01_A2_D10_MF	
	10725	GM_M01_A2_D10		GM_M01_A2_D10_MR
	10726	GM_M01_A2_D11	GM_M01_A2_D11_MF	
5	10727	GM_M01_A2_D11		GM_M01_A2_D11_MR
	10728	GM_M01_A2_D12	GM_M01_A2_D12_MF	
	10729	GM_M01_A2_D12		GM_M01_A2_D12_MR
	10730	GM_M01_A2_E01	GM_M01_A2_E01_MF	
	10731	GM_M01_A2_E01		GM_M01_A2_E01_MR
10	10732	GM_M01_A2_E02	GM_M01_A2_E02_MF	
	10733	GM_M01_A2_E02		GM_M01_A2_E02_MR
	10734	GM_M01_A2_E03	GM_M01_A2_E03_MF	
	10735	GM_M01_A2_E03		GM_M01_A2_E03_MR
	10736	GM_M01_A2_E04	GM_M01_A2_E04_MF	
15	10737	GM_M01_A2_E04		GM_M01_A2_E04_MR
	10738	GM_M01_A2_E05	GM_M01_A2_E05_MF	
	10739	GM_M01_A2_E05		GM_M01_A2_E05_MR
	10740	GM_M01_A2_E06	GM_M01_A2_E06_MF	
	10741	GM_M01_A2_E06		GM_M01_A2_E06_MR
20	10742	GM_M01_A2_E07	GM_M01_A2_E07_MF	
	10743	GM_M01_A2_E07		GM_M01_A2_E07_MR
	10744	GM_M01_A2_E08	GM_M01_A2_E08_MF	
	10745	GM_M01_A2_E08		GM_M01_A2_E08_MR
	10746	GM_M01_A2_E09	GM_M01_A2_E09_MF	
25	10747	GM_M01_A2_E09		GM_M01_A2_E09_MR
	10748	GM_M01_A2_E10	GM_M01_A2_E10_MF	
	10749	GM_M01_A2_E10		GM_M01_A2_E10_MR
	10750	GM_M01_A2_E11	GM_M01_A2_E11_MF	
	10751	GM_M01_A2_E11		GM_M01_A2_E11_MR
30	10752	GM_M01_A2_E12	GM_M01_A2_E12_MF	
	10753	GM_M01_A2_E12		GM_M01_A2_E12_MR
	10754	GM_M01_A2_F01	GM_M01_A2_F01_MF	
	10755	GM_M01_A2_F01		GM_M01_A2_F01_MR
	10756	GM_M01_A2_F02	GM_M01_A2_F02_MF	
35	10757	GM_M01_A2_F02		GM_M01_A2_F02_MR
	10758	GM_M01_A2_F03	GM_M01_A2_F03_MF	
	10759	GM_M01_A2_F03		GM_M01_A2_F03_MR
	10760	GM_M01_A2_F04	GM_M01_A2_F04_MF	
	10761	GM_M01_A2_F04		GM_M01_A2_F04_MR
40	10762	GM_M01_A2_F05	GM_M01_A2_F05_MF	
	10763	GM_M01_A2_F05		GM_M01_A2_F05_MR
	10764	GM_M01_A2_F06	GM_M01_A2_F06_MF	
	10765	GM_M01_A2_F06		GM_M01_A2_F06_MR
	10766	GM_M01_A2_F07	GM_M01_A2_F07_MF	
45	10767	GM_M01_A2_F07		GM_M01_A2_F07_MR
	10768	GM_M01_A2_F08	GM_M01_A2_F08_MF	
	10769	GM_M01_A2_F08		GM_M01_A2_F08_MR
	10770	GM_M01_A2_F09	GM_M01_A2_F09_MF	
	10771	GM_M01_A2_F09		GM_M01_A2_F09_MR
50	10772	GM_M01_A2_F10	GM_M01_A2_F10_MF	
	10773	GM_M01_A2_F10		GM_M01_A2_F10_MR
	10774	GM_M01_A2_F11	GM_M01_A2_F11_MF	
	10775	GM_M01_A2_F11		GM_M01_A2_F11_MR
	10776	GM_M01_A2_F12	GM_M01_A2_F12_MF	
55	10777	GM_M01_A2_F12		GM_M01_A2_F12_MR

	10778	GM_M01_A2_G01	GM_M01_A2_G01_MF	
	10779	GM_M01_A2_G01		GM_M01_A2_G01_MR
	10780	GM_M01_A2_G02	GM_M01_A2_G02_MF	
	10781	GM_M01_A2_G02		GM_M01_A2_G02_MR
5	10782	GM_M01_A2_G03	GM_M01_A2_G03_MF	
	10783	GM_M01_A2_G03		GM_M01_A2_G03_MR
	10784	GM_M01_A2_G04	GM_M01_A2_G04_MF	
	10785	GM_M01_A2_G04		GM_M01_A2_G04_MR
	10786	GM_M01_A2_G05	GM_M01_A2_G05_MF	
10	10787	GM_M01_A2_G05		GM_M01_A2_G05_MR
	10788	GM_M01_A2_G06	GM_M01_A2_G06_MF	
	10789	GM_M01_A2_G06		GM_M01_A2_G06_MR
	10790	GM_M01_A2_G07	GM_M01_A2_G07_MF	
	10791	GM_M01_A2_G07		GM_M01_A2_G07_MR
15	10792	GM_M01_A2_G08	GM_M01_A2_G08_MF	
	10793	GM_M01_A2_G08		GM_M01_A2_G08_MR
	10794	GM_M01_A2_G09	GM_M01_A2_G09_MF	
	10795	GM_M01_A2_G09		GM_M01_A2_G09_MR
	10796	GM_M01_A2_G10	GM_M01_A2_G10_MF	
20	10797	GM_M01_A2_G10		GM_M01_A2_G10_MR
	10798	GM_M01_A2_G11	GM_M01_A2_G11_MF	
	10799	GM_M01_A2_G11		GM_M01_A2_G11_MR
	10800	GM_M01_A2_G12	GM_M01_A2_G12_MF	
	10801	GM_M01_A2_G12		GM_M01_A2_G12_MR
25	10802	GM_M01_A2_H01	GM_M01_A2_H01_MF	
	10803	GM_M01_A2_H01		GM_M01_A2_H01_MR
	10804	GM_M01_A2_H02	GM_M01_A2_H02_MF	
	10805	GM_M01_A2_H02		GM_M01_A2_H02_MR
	10806	GM_M01_A2_H03	GM_M01_A2_H03_MF	
30	10807	GM_M01_A2_H03		GM_M01_A2_H03_MR
	10808	GM_M01_A2_H04	GM_M01_A2_H04_MF	
	10809	GM_M01_A2_H04		GM_M01_A2_H04_MR
	10810	GM_M01_A2_H05	GM_M01_A2_H05_MF	
	10811	GM_M01_A2_H05		GM_M01_A2_H05_MR
35	10812	GM_M01_A2_H06	GM_M01_A2_H06_MF	
	10813	GM_M01_A2_H06		GM_M01_A2_H06_MR
	10814	GM_M01_A2_H07	GM_M01_A2_H07_MF	
	10815	GM_M01_A2_H07		GM_M01_A2_H07_MR
	10816	GM_M01_A2_H08	GM_M01_A2_H08_MF	
40	10817	GM_M01_A2_H08		GM_M01_A2_H08_MR
	10818	GM_M01_A2_H09	GM_M01_A2_H09_MF	
	10819	GM_M01_A2_H09		GM_M01_A2_H09_MR
	10820	GM_M01_A2_H10	GM_M01_A2_H10_MF	
	10821	GM_M01_A2_H10		GM_M01_A2_H10_MR
45	10822	GM_M01_A2_H11	GM_M01_A2_H11_MF	
	10823	GM_M01_A2_H11		GM_M01_A2_H11_MR
	10824	GM_M01_A2_H12	GM_M01_A2_H12_MF	
	10825	GM_M01_A2_H12		GM_M01_A2_H12_MR
	10826	GM_M01_B1_A01	GM_M01_B1_A01_MF	
50	10827	GM_M01_B1_A01		GM_M01_B1_A01_MR
	10828	GM_M01_B1_A02		GM_M01_B1_A02_MR
	10829	GM_M01_B1_A03	GM_M01_B1_A03_MF	
	10830	GM_M01_B1_A03		GM_M01_B1_A03_MR
	10831	GM_M01_B1_A04	GM_M01_B1_A04_MF	
55	10832	GM_M01_B1_A04		GM_M01_B1_A04_MR

	10833	GM_M01_B1_A05		GM_M01_B1_A05_MR
	10834	GM_M01_B1_A06	GM_M01_B1_A06_MF	
	10835	GM_M01_B1_A06		GM_M01_B1_A06_MR
	10836	GM_M01_B1_A07	GM_M01_B1_A07_MF	
5	10837	GM_M01_B1_A07		GM_M01_B1_A07_MR
	10838	GM_M01_B1_A09		GM_M01_B1_A09_MR
	10839	GM_M01_B1_A10	GM_M01_B1_A10_MF	
	10840	GM_M01_B1_A10		GM_M01_B1_A10_MR
	10841	GM_M01_B1_A11	GM_M01_B1_A11_MF	
10	10842	GM_M01_B1_A11		GM_M01_B1_A11_MR
	10843	GM_M01_B1_A12	GM_M01_B1_A12_MF	
	10844	GM_M01_B1_A12		GM_M01_B1_A12_MR
	10845	GM_M01_B1_B01		GM_M01_B1_B01_MR
	10846	GM_M01_B1_B02		GM_M01_B1_B02_MR
15	10847	GM_M01_B1_B03		GM_M01_B1_B03_MR
	10848	GM_M01_B1_B04		GM_M01_B1_B04_MR
	10849	GM_M01_B1_B05		GM_M01_B1_B05_MR
	10850	GM_M01_B1_B06	GM_M01_B1_B06_MF	
	10851	GM_M01_B1_B07	GM_M01_B1_B07_MF	
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	10853	GM_M01_B1_B08	GM_M01_B1_B08_MF	
	10854	GM_M01_B1_B08		GM_M01_B1_B08_MR
	10855	GM_M01_B1_B09	GM_M01_B1_B09_MF	
	10856	GM_M01_B1_B09		GM_M01_B1_B09_MR
25	10857	GM_M01_B1_B10	GM_M01_B1_B10_MF	
	10858	GM_M01_B1_B10		GM_M01_B1_B10_MR
	10859	GM_M01_B1_B11	GM_M01_B1_B11_MF	
	10860	GM_M01_B1_B11		GM_M01_B1_B11_MR
	10861	GM_M01_B1_B12	GM_M01_B1_B12_MF	
30	10862	GM_M01_B1_B12		GM_M01_B1_B12_MR
	10863	GM_M01_B1_C01		GM_M01_B1_C01_MR
	10864	GM_M01_B1_C02		GM_M01_B1_C02_MR
	10865	GM_M01_B1_C03		GM_M01_B1_C03_MR
	10866	GM_M01_B1_C04	GM_M01_B1_C04_MF	
35	10867	GM_M01_B1_C04		GM_M01_B1_C04_MR
	10868	GM_M01_B1_C05		GM_M01_B1_C05_MR
	10869	GM_M01_B1_C06	GM_M01_B1_C06_MF	
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	10871	GM_M01_B1_C07	GM_M01_B1_C07_MF	
40	10872	GM_M01_B1_C07		GM_M01_B1_C07_MR
	10873	GM_M01_B1_C08	GM_M01_B1_C08_MF	
	10874	GM_M01_B1_C08		GM_M01_B1_C08_MR
	10875	GM_M01_B1_C09		GM_M01_B1_C09_MR
	10876	GM_M01_B1_C10	GM_M01_B1_C10_MF	
45	10877	GM_M01_B1_C10		GM_M01_B1_C10_MR
	10878	GM_M01_B1_C11	GM_M01_B1_C11_MF	
	10879	GM_M01_B1_C11		GM_M01_B1_C11_MR
	10880	GM_M01_B1_C12	GM_M01_B1_C12_MF	
	10881	GM_M01_B1_C12		GM_M01_B1_C12_MR
50	10882	GM_M01_B1_D01	GM_M01_B1_D01_MF	
	10883	GM_M01_B1_D01		GM_M01_B1_D01_MR
	10884	GM_M01_B1_D02	GM_M01_B1_D02_MF	
	10885	GM_M01_B1_D02		GM_M01_B1_D02_MR
	10886	GM_M01_B1_D03	GM_M01_B1_D03_MF	
55	10887	GM_M01_B1_D03		GM_M01_B1_D03_MR

	10888	GM_M01_B1_D04	GM_M01_B1_D04_MF	
	10889	GM_M01_B1_D04		GM_M01_B1_D04_MR
	10890	GM_M01_B1_D05		GM_M01_B1_D05_MR
	10891	GM_M01_B1_D06	GM_M01_B1_D06_MF	
5	10892	GM_M01_B1_D06		GM_M01_B1_D06_MR
	10893	GM_M01_B1_D07	GM_M01_B1_D07_MF	
	10894	GM_M01_B1_D07		GM_M01_B1_D07_MR
	10895	GM_M01_B1_D08	GM_M01_B1_D08_MF	
	10896	GM_M01_B1_D08		GM_M01_B1_D08_MR
10	10897	GM_M01_B1_D09	GM_M01_B1_D09_MF	
	10898	GM_M01_B1_D09		GM_M01_B1_D09_MR
	10899	GM_M01_B1_D10	GM_M01_B1_D10_MF	
	10900	GM_M01_B1_D10		GM_M01_B1_D10_MR
	10901	GM_M01_B1_D11		GM_M01_B1_D11_MR
15	10902	GM_M01_B1_D12	GM_M01_B1_D12_MF	
	10903	GM_M01_B1_D12		GM_M01_B1_D12_MR
	10904	GM_M01_B1_E01	GM_M01_B1_E01_MF	
	10905	GM_M01_B1_E01		GM_M01_B1_E01_MR
	10906	GM_M01_B1_E02		GM_M01_B1_E02_MR
20	10907	GM_M01_B1_E03		GM_M01_B1_E03_MR
	10908	GM_M01_B1_E04	GM_M01_B1_E04_MF	
	10909	GM_M01_B1_E04		GM_M01_B1_E04_MR
	10910	GM_M01_B1_E05	GM_M01_B1_E05_MF	
	10911	GM_M01_B1_E05		GM_M01_B1_E05_MR
25	10912	GM_M01_B1_E06		GM_M01_B1_E06_MR
	10913	GM_M01_B1_E07	GM_M01_B1_E07_MF	
	10914	GM_M01_B1_E07		GM_M01_B1_E07_MR
	10915	GM_M01_B1_E08	GM_M01_B1_E08_MF	
	10916	GM_M01_B1_E08		GM_M01_B1_E08_MR
30	10917	GM_M01_B1_E09	GM_M01_B1_E09_MF	
	10918	GM_M01_B1_E09		GM_M01_B1_E09_MR
	10919	GM_M01_B1_E10	GM_M01_B1_E10_MF	
	10920	GM_M01_B1_E10		GM_M01_B1_E10_MR
	10921	GM_M01_B1_E11	GM_M01_B1_E11_MF	
35	10922	GM_M01_B1_E11		GM_M01_B1_E11_MR
	10923	GM_M01_B1_E12		GM_M01_B1_E12_MR
	10924	GM_M01_B1_F01		GM_M01_B1_F01_MR
	10925	GM_M01_B1_F02	GM_M01_B1_F02_MF	
	10926	GM_M01_B1_F02		GM_M01_B1_F02_MR
40	10927	GM_M01_B1_F03		GM_M01_B1_F03_MR
	10928	GM_M01_B1_F04	GM_M01_B1_F04_MF	
	10929	GM_M01_B1_F04		GM_M01_B1_F04_MR
	10930	GM_M01_B1_F05	GM_M01_B1_F05_MF	
	10931	GM_M01_B1_F05		GM_M01_B1_F05_MR
45	10932	GM_M01_B1_F06	GM_M01_B1_F06_MF	
	10933	GM_M01_B1_F06		GM_M01_B1_F06_MR
	10934	GM_M01_B1_F07	GM_M01_B1_F07_MF	
	10935	GM_M01_B1_F07		GM_M01_B1_F07_MR
	10936	GM_M01_B1_F08	GM_M01_B1_F08_MF	
50	10937	GM_M01_B1_F08		GM_M01_B1_F08_MR
	10938	GM_M01_B1_F09	GM_M01_B1_F09_MF	
	10939	GM_M01_B1_F09		GM_M01_B1_F09_MR
	10940	GM_M01_B1_F10		GM_M01_B1_F10_MR
	10941	GM_M01_B1_F11	GM_M01_B1_F11_MF	
55	10942	GM_M01_B1_F12	GM_M01_B1_F12_MF	

	10943	GM_M01_B1_F12		GM_M01_B1_F12_MR
	10944	GM_M01_B1_G01		GM_M01_B1_G01_MR
	10945	GM_M01_B1_G02	GM_M01_B1_G02_MF	
	10946	GM_M01_B1_G02		GM_M01_B1_G02_MR
5	10947	GM_M01_B1_G03	GM_M01_B1_G03_MF	
	10948	GM_M01_B1_G03		GM_M01_B1_G03_MR
	10949	GM_M01_B1_G04	GM_M01_B1_G04_MF	
	10950	GM_M01_B1_G04		GM_M01_B1_G04_MR
	10951	GM_M01_B1_G05		GM_M01_B1_G05_MR
10	10952	GM_M01_B1_G06	GM_M01_B1_G06_MF	
	10953	GM_M01_B1_G06		GM_M01_B1_G06_MR
	10954	GM_M01_B1_G07		GM_M01_B1_G07_MR
	10955	GM_M01_B1_G08	GM_M01_B1_G08_MF	
	10956	GM_M01_B1_G08		GM_M01_B1_G08_MR
15	10957	GM_M01_B1_G10	GM_M01_B1_G10_MF	
	10958	GM_M01_B1_G10		GM_M01_B1_G10_MR
	10959	GM_M01_B1_G11	GM_M01_B1_G11_MF	
	10960	GM_M01_B1_G11		GM_M01_B1_G11_MR
	10961	GM_M01_B1_G12	GM_M01_B1_G12_MF	
20	10962	GM_M01_B1_G12		GM_M01_B1_G12_MR
	10963	GM_M01_B1_H01		GM_M01_B1_H01_MR
	10964	GM_M01_B1_H02	GM_M01_B1_H02_MF	
	10965	GM_M01_B1_H02		GM_M01_B1_H02_MR
	10966	GM_M01_B1_H03		GM_M01_B1_H03_MR
25	10967	GM_M01_B1_H04		GM_M01_B1_H04_MR
	10968	GM_M01_B1_H05		GM_M01_B1_H05_MR
	10969	GM_M01_B1_H06	GM_M01_B1_H06_MF	
	10970	GM_M01_B1_H06		GM_M01_B1_H06_MR
	10971	GM_M01_B1_H07	GM_M01_B1_H07_MF	
30	10972	GM_M01_B1_H07		GM_M01_B1_H07_MR
	10973	GM_M01_B1_H08	GM_M01_B1_H08_MF	
	10974	GM_M01_B1_H08		GM_M01_B1_H08_MR
	10975	GM_M01_B1_H09	GM_M01_B1_H09_MF	
	10976	GM_M01_B1_H09		GM_M01_B1_H09_MR
35	10977	GM_M01_B1_H10	GM_M01_B1_H10_MF	
	10978	GM_M01_B1_H10		GM_M01_B1_H10_MR
	10979	GM_M01_B1_H11	GM_M01_B1_H11_MF	
	10980	GM_M01_B1_H11		GM_M01_B1_H11_MR
	10981	GM_M01_B1_H12	GM_M01_B1_H12_MF	
40	10982	GM_M01_B1_H12		GM_M01_B1_H12_MR
	10983	GM_M01_B2_A01	GM_M01_B2_A01_MF	
	10984	GM_M01_B2_A01		GM_M01_B2_A01_MR
	10985	GM_M01_B2_A02	GM_M01_B2_A02_MF	
	10986	GM_M01_B2_A02		GM_M01_B2_A02_MR
45	10987	GM_M01_B2_A03	GM_M01_B2_A03_MF	
	10988	GM_M01_B2_A03		GM_M01_B2_A03_MR
	10989	GM_M01_B2_A04	GM_M01_B2_A04_MF	
	10990	GM_M01_B2_A04		GM_M01_B2_A04_MR
	10991	GM_M01_B2_A05	GM_M01_B2_A05_MF	
50	10992	GM_M01_B2_A05		GM_M01_B2_A05_MR
	10993	GM_M01_B2_A06		GM_M01_B2_A06_MR
	10994	GM_M01_B2_A07	GM_M01_B2_A07_MF	
	10995	GM_M01_B2_A07		GM_M01_B2_A07_MR
	10996	GM_M01_B2_A08	GM_M01_B2_A08_MF	
55	10997	GM_M01_B2_A08		GM_M01_B2_A08_MR

	10998	GM_M01_B2_A09	GM_M01_B2_A09_MF	
	10999	GM_M01_B2_A09		GM_M01_B2_A09_MR
	11000	GM_M01_B2_A10	GM_M01_B2_A10_MF	
	11001	GM_M01_B2_A10		GM_M01_B2_A10_MR
5	11002	GM_M01_B2_A11		GM_M01_B2_A11_MR
	11003	GM_M01_B2_A12	GM_M01_B2_A12_MF	
	11004	GM_M01_B2_A12		GM_M01_B2_A12_MR
	11005	GM_M01_B2_B01	GM_M01_B2_B01_MF	
	11006	GM_M01_B2_B01		GM_M01_B2_B01_MR
10	11007	GM_M01_B2_B02	GM_M01_B2_B02_MF	
	11008	GM_M01_B2_B02		GM_M01_B2_B02_MR
	11009	GM_M01_B2_B03	GM_M01_B2_B03_MF	
	11010	GM_M01_B2_B03		GM_M01_B2_B03_MR
	11011	GM_M01_B2_B04	GM_M01_B2_B04_MF	
15	11012	GM_M01_B2_B04		GM_M01_B2_B04_MR
	11013	GM_M01_B2_B05	GM_M01_B2_B05_MF	
	11014	GM_M01_B2_B05		GM_M01_B2_B05_MR
	11015	GM_M01_B2_B06	GM_M01_B2_B06_MF	
	11016	GM_M01_B2_B06		GM_M01_B2_B06_MR
20	11017	GM_M01_B2_B07	GM_M01_B2_B07_MF	
	11018	GM_M01_B2_B07		GM_M01_B2_B07_MR
	11019	GM_M01_B2_B08	GM_M01_B2_B08_MF	
	11020	GM_M01_B2_B08		GM_M01_B2_B08_MR
	11021	GM_M01_B2_B09	GM_M01_B2_B09_MF	
25	11022	GM_M01_B2_B09		GM_M01_B2_B09_MR
	11023	GM_M01_B2_B10	GM_M01_B2_B10_MF	
	11024	GM_M01_B2_B10		GM_M01_B2_B10_MR
	11025	GM_M01_B2_B11	GM_M01_B2_B11_MF	
	11026	GM_M01_B2_B11		GM_M01_B2_B11_MR
30	11027	GM_M01_B2_B12	GM_M01_B2_B12_MF	
	11028	GM_M01_B2_B12		GM_M01_B2_B12_MR
	11029	GM_M01_B2_C01	GM_M01_B2_C01_MF	
	11030	GM_M01_B2_C01		GM_M01_B2_C01_MR
	11031	GM_M01_B2_C02		GM_M01_B2_C02_MR
35	11032	GM_M01_B2_C03	GM_M01_B2_C03_MF	
	11033	GM_M01_B2_C03		GM_M01_B2_C03_MR
	11034	GM_M01_B2_C04	GM_M01_B2_C04_MF	
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	11036	GM_M01_B2_C05		GM_M01_B2_C05_MR
40	11037	GM_M01_B2_C06	GM_M01_B2_C06_MF	
	11038	GM_M01_B2_C06		GM_M01_B2_C06_MR
	11039	GM_M01_B2_C07	GM_M01_B2_C07_MF	
	11040	GM_M01_B2_C07		GM_M01_B2_C07_MR
	11041	GM_M01_B2_C08	GM_M01_B2_C08_MF	
45	11042	GM_M01_B2_C08		GM_M01_B2_C08_MR
	11043	GM_M01_B2_C09	GM_M01_B2_C09_MF	
	11044	GM_M01_B2_C09		GM_M01_B2_C09_MR
	11045	GM_M01_B2_C10	GM_M01_B2_C10_MF	
	11046	GM_M01_B2_C10		GM_M01_B2_C10_MR
50	11047	GM_M01_B2_C11	GM_M01_B2_C11_MF	
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	11049	GM_M01_B2_C12	GM_M01_B2_C12_MF	
	11050	GM_M01_B2_C12		GM_M01_B2_C12_MR
	11051	GM_M01_B2_D01	GM_M01_B2_D01_MF	
55	11052	GM_M01_B2_D01		GM_M01_B2_D01_MR

	11053	GM_M01_B2_D02	GM_M01_B2_D02_MF	
	11054	GM_M01_B2_D02		GM_M01_B2_D02_MR
	11055	GM_M01_B2_D03	GM_M01_B2_D03_MF	
	11056	GM_M01_B2_D03		GM_M01_B2_D03_MR
5	11057	GM_M01_B2_D04	GM_M01_B2_D04_MF	
	11058	GM_M01_B2_D04		GM_M01_B2_D04_MR
	11059	GM_M01_B2_D05	GM_M01_B2_D05_MF	
	11060	GM_M01_B2_D05		GM_M01_B2_D05_MR
	11061	GM_M01_B2_D06	GM_M01_B2_D06_MF	
10	11062	GM_M01_B2_D06		GM_M01_B2_D06_MR
	11063	GM_M01_B2_D08	GM_M01_B2_D08_MF	
	11064	GM_M01_B2_D08		GM_M01_B2_D08_MR
	11065	GM_M01_B2_D09	GM_M01_B2_D09_MF	
	11066	GM_M01_B2_D09		GM_M01_B2_D09_MR
15	11067	GM_M01_B2_D10	GM_M01_B2_D10_MF	
	11068	GM_M01_B2_D10		GM_M01_B2_D10_MR
	11069	GM_M01_B2_D11	GM_M01_B2_D11_MF	
	11070	GM_M01_B2_D11		GM_M01_B2_D11_MR
	11071	GM_M01_B2_D12	GM_M01_B2_D12_MF	
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	11073	GM_M01_B2_E01	GM_M01_B2_E01_MF	
	11074	GM_M01_B2_E01		GM_M01_B2_E01_MR
	11075	GM_M01_B2_E02	GM_M01_B2_E02_MF	
	11076	GM_M01_B2_E02		GM_M01_B2_E02_MR
25	11077	GM_M01_B2_E03	GM_M01_B2_E03_MF	
	11078	GM_M01_B2_E03		GM_M01_B2_E03_MR
	11079	GM_M01_B2_E04	GM_M01_B2_E04_MF	
	11080	GM_M01_B2_E04		GM_M01_B2_E04_MR
	11081	GM_M01_B2_E05	GM_M01_B2_E05_MF	
30	11082	GM_M01_B2_E05		GM_M01_B2_E05_MR
	11083	GM_M01_B2_E06	GM_M01_B2_E06_MF	
	11084	GM_M01_B2_E06		GM_M01_B2_E06_MR
	11085	GM_M01_B2_E07	GM_M01_B2_E07_MF	
	11086	GM_M01_B2_E07		GM_M01_B2_E07_MR
35	11087	GM_M01_B2_E08	GM_M01_B2_E08_MF	
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	11089	GM_M01_B2_E09	GM_M01_B2_E09_MF	
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	11091	GM_M01_B2_E10	GM_M01_B2_E10_MF	
40	11092	GM_M01_B2_E10		GM_M01_B2_E10_MR
	11093	GM_M01_B2_E11	GM_M01_B2_E11_MF	
	11094	GM_M01_B2_E11		GM_M01_B2_E11_MR
	11095	GM_M01_B2_E12	GM_M01_B2_E12_MF	
	11096	GM_M01_B2_E12		GM_M01_B2_E12_MR
45	11097	GM_M01_B2_F01	GM_M01_B2_F01_MF	
	11098	GM_M01_B2_F01		GM_M01_B2_F01_MR
	11099	GM_M01_B2_F02	GM_M01_B2_F02_MF	
	11100	GM_M01_B2_F02		GM_M01_B2_F02_MR
	11101	GM_M01_B2_F03	GM_M01_B2_F03_MF	
50	11102	GM_M01_B2_F03		GM_M01_B2_F03_MR
	11103	GM_M01_B2_F04	GM_M01_B2_F04_MF	
	11104	GM_M01_B2_F04		GM_M01_B2_F04_MR
	11105	GM_M01_B2_F05	GM_M01_B2_F05_MF	
	11106	GM_M01_B2_F05		GM_M01_B2_F05_MR
55	11107	GM_M01_B2_F06	GM_M01_B2_F06_MF	

	11108	GM_M01_B2_F06		GM_M01_B2_F06_MR
	11109	GM_M01_B2_F07	GM_M01_B2_F07_MF	
	11110	GM_M01_B2_F07		GM_M01_B2_F07_MR
	11111	GM_M01_B2_F08	GM_M01_B2_F08_MF	
5	11112	GM_M01_B2_F08		GM_M01_B2_F08_MR
	11113	GM_M01_B2_F09	GM_M01_B2_F09_MF	
	11114	GM_M01_B2_F09		GM_M01_B2_F09_MR
	11115	GM_M01_B2_F10	GM_M01_B2_F10_MF	
	11116	GM_M01_B2_F10		GM_M01_B2_F10_MR
10	11117	GM_M01_B2_F11	GM_M01_B2_F11_MF	
	11118	GM_M01_B2_F11		GM_M01_B2_F11_MR
	11119	GM_M01_B2_F12		GM_M01_B2_F12_MR
	11120	GM_M01_B2_G01	GM_M01_B2_G01_MF	
	11121	GM_M01_B2_G01		GM_M01_B2_G01_MR
15	11122	GM_M01_B2_G02	GM_M01_B2_G02_MF	
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	11124	GM_M01_B2_G03	GM_M01_B2_G03_MF	
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	11126	GM_M01_B2_G04		GM_M01_B2_G04_MR
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	11129	GM_M01_B2_G06	GM_M01_B2_G06_MF	
	11130	GM_M01_B2_G06		GM_M01_B2_G06_MR
	11131	GM_M01_B2_G07	GM_M01_B2_G07_MF	
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	11133	GM_M01_B2_G08	GM_M01_B2_G08_MF	
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	11135	GM_M01_B2_G09	GM_M01_B2_G09_MF	
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30	11137	GM_M01_B2_G10	GM_M01_B2_G10_MF	
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	11139	GM_M01_B2_G11	GM_M01_B2_G11_MF	
	11140	GM_M01_B2_G11		GM_M01_B2_G11_MR
	11141	GM_M01_B2_G12	GM_M01_B2_G12_MF	
35	11142	GM_M01_B2_G12		GM_M01_B2_G12_MR
	11143	GM_M01_B2_H01	GM_M01_B2_H01_MF	
	11144	GM_M01_B2_H01		GM_M01_B2_H01_MR
	11145	GM_M01_B2_H02	GM_M01_B2_H02_MF	
	11146	GM_M01_B2_H02		GM_M01_B2_H02_MR
40	11147	GM_M01_B2_H03	GM_M01_B2_H03_MF	
	11148	GM_M01_B2_H03		GM_M01_B2_H03_MR
	11149	GM_M01_B2_H04		GM_M01_B2_H04_MR
	11150	GM_M01_B2_H05	GM_M01_B2_H05_MF	
	11151	GM_M01_B2_H05		GM_M01_B2_H05_MR
45	11152	GM_M01_B2_H06	GM_M01_B2_H06_MF	
	11153	GM_M01_B2_H06		GM_M01_B2_H06_MR
	11154	GM_M01_B2_H07	GM_M01_B2_H07_MF	
	11155	GM_M01_B2_H07		GM_M01_B2_H07_MR
	11156	GM_M01_B2_H08	GM_M01_B2_H08_MF	
50	11157	GM_M01_B2_H08		GM_M01_B2_H08_MR
	11158	GM_M01_B2_H09	GM_M01_B2_H09_MF	
	11159	GM_M01_B2_H09		GM_M01_B2_H09_MR
	11160	GM_M01_B2_H10	GM_M01_B2_H10_MF	
	11161	GM_M01_B2_H10		GM_M01_B2_H10_MR
55	11162	GM_M01_B2_H11	GM_M01_B2_H11_MF	

	11163	GM_M01_B2_H11		GM_M01_B2_H11_MR
	11164	GM_M01_B2_H12		GM_M01_B2_H12_MR
	11165	GM_M02_A1_A02		GM_M02_A1_A02_MR
	11166	GM_M02_A1_A03	GM_M02_A1_A03_MF	
5	11167	GM_M02_A1_A03		GM_M02_A1_A03_MR
	11168	GM_M02_A1_A04	GM_M02_A1_A04_MF	
	11169	GM_M02_A1_A05	GM_M02_A1_A05_MF	
	11170	GM_M02_A1_A07		GM_M02_A1_A07_MR
	11171	GM_M02_A1_A08	GM_M02_A1_A08_MF	
10	11172	GM_M02_A1_A08		GM_M02_A1_A08_MR
	11173	GM_M02_A1_A09	GM_M02_A1_A09_MF	
	11174	GM_M02_A1_A09		GM_M02_A1_A09_MR
	11175	GM_M02_A1_A10	GM_M02_A1_A10_MF	
	11176	GM_M02_A1_A10		GM_M02_A1_A10_MR
15	11177	GM_M02_A1_A11	GM_M02_A1_A11_MF	
	11178	GM_M02_A1_A11		GM_M02_A1_A11_MR
	11179	GM_M02_A1_A12	GM_M02_A1_A12_MF	
	11180	GM_M02_A1_A12		GM_M02_A1_A12_MR
	11181	GM_M02_A1_B01		GM_M02_A1_B01_MR
20	11182	GM_M02_A1_B02		GM_M02_A1_B02_MR
	11183	GM_M02_A1_B03	GM_M02_A1_B03_MF	
	11184	GM_M02_A1_B05		GM_M02_A1_B05_MR
	11185	GM_M02_A1_B07	GM_M02_A1_B07_MF	
	11186	GM_M02_A1_B07		GM_M02_A1_B07_MR
25	11187	GM_M02_A1_B08	GM_M02_A1_B08_MF	
	11188	GM_M02_A1_B08		GM_M02_A1_B08_MR
	11189	GM_M02_A1_B09	GM_M02_A1_B09_MF	
	11190	GM_M02_A1_B09		GM_M02_A1_B09_MR
	11191	GM_M02_A1_B10	GM_M02_A1_B10_MF	
30	11192	GM_M02_A1_B10		GM_M02_A1_B10_MR
	11193	GM_M02_A1_B11	GM_M02_A1_B11_MF	
	11194	GM_M02_A1_B11		GM_M02_A1_B11_MR
	11195	GM_M02_A1_B12	GM_M02_A1_B12_MF	
	11196	GM_M02_A1_B12		GM_M02_A1_B12_MR
35	11197	GM_M02_A1_C01		GM_M02_A1_C01_MR
	11198	GM_M02_A1_C02	GM_M02_A1_C02_MF	
	11199	GM_M02_A1_C03		GM_M02_A1_C03_MR
	11200	GM_M02_A1_C04		GM_M02_A1_C04_MR
	11201	GM_M02_A1_C05	GM_M02_A1_C05_MF	
40	11202	GM_M02_A1_C05		GM_M02_A1_C05_MR
	11203	GM_M02_A1_C06		GM_M02_A1_C06_MR
	11204	GM_M02_A1_C07	GM_M02_A1_C07_MF	
	11205	GM_M02_A1_C07		GM_M02_A1_C07_MR
	11206	GM_M02_A1_C08	GM_M02_A1_C08_MF	
45	11207	GM_M02_A1_C08		GM_M02_A1_C08_MR
	11208	GM_M02_A1_C09	GM_M02_A1_C09_MF	
	11209	GM_M02_A1_C09		GM_M02_A1_C09_MR
	11210	GM_M02_A1_C10	GM_M02_A1_C10_MF	
	11211	GM_M02_A1_C10		GM_M02_A1_C10_MR
50	11212	GM_M02_A1_C11		GM_M02_A1_C11_MR
	11213	GM_M02_A1_C12	GM_M02_A1_C12_MF	
	11214	GM_M02_A1_C12		GM_M02_A1_C12_MR
	11215	GM_M02_A1_D01		GM_M02_A1_D01_MR
	11216	GM_M02_A1_D02	GM_M02_A1_D02_MF	
55	11217	GM_M02_A1_D03		GM_M02_A1_D03_MR

	11218	GM_M02_A1_D04		GM_M02_A1_D04_MR
	11219	GM_M02_A1_D05	GM_M02_A1_D05_MF	
	11220	GM_M02_A1_D05		GM_M02_A1_D05_MR
	11221	GM_M02_A1_D06	GM_M02_A1_D06_MF	
5	11222	GM_M02_A1_D07	GM_M02_A1_D07_MF	
	11223	GM_M02_A1_D07		GM_M02_A1_D07_MR
	11224	GM_M02_A1_D08		GM_M02_A1_D08_MR
	11225	GM_M02_A1_D09		GM_M02_A1_D09_MR
	11226	GM_M02_A1_D10	GM_M02_A1_D10_MF	
10	11227	GM_M02_A1_D10		GM_M02_A1_D10_MR
	11228	GM_M02_A1_D11	GM_M02_A1_D11_MF	
	11229	GM_M02_A1_D11		GM_M02_A1_D11_MR
	11230	GM_M02_A1_D12	GM_M02_A1_D12_MF	
	11231	GM_M02_A1_D12		GM_M02_A1_D12_MR
15	11232	GM_M02_A1_E01		GM_M02_A1_E01_MR
	11233	GM_M02_A1_E02		GM_M02_A1_E02_MR
	11234	GM_M02_A1_E03		GM_M02_A1_E03_MR
	11235	GM_M02_A1_E04		GM_M02_A1_E04_MR
	11236	GM_M02_A1_E05	GM_M02_A1_E05_MF	
20	11237	GM_M02_A1_E05		GM_M02_A1_E05_MR
	11238	GM_M02_A1_E06	GM_M02_A1_E06_MF	
	11239	GM_M02_A1_E08	GM_M02_A1_E08_MF	
	11240	GM_M02_A1_E08		GM_M02_A1_E08_MR
	11241	GM_M02_A1_E09		GM_M02_A1_E09_MR
25	11242	GM_M02_A1_E10		GM_M02_A1_E10_MR
	11243	GM_M02_A1_E11	GM_M02_A1_E11_MF	
	11244	GM_M02_A1_E11		GM_M02_A1_E11_MR
	11245	GM_M02_A1_E12	GM_M02_A1_E12_MF	
	11246	GM_M02_A1_E12		GM_M02_A1_E12_MR
30	11247	GM_M02_A1_F02		GM_M02_A1_F02_MR
	11248	GM_M02_A1_F03		GM_M02_A1_F03_MR
	11249	GM_M02_A1_F04	GM_M02_A1_F04_MF	
	11250	GM_M02_A1_F04		GM_M02_A1_F04_MR
	11251	GM_M02_A1_F05	GM_M02_A1_F05_MF	
35	11252	GM_M02_A1_F06		GM_M02_A1_F06_MR
	11253	GM_M02_A1_F07		GM_M02_A1_F07_MR
	11254	GM_M02_A1_F08		GM_M02_A1_F08_MR
	11255	GM_M02_A1_F09	GM_M02_A1_F09_MF	
	11256	GM_M02_A1_F09		GM_M02_A1_F09_MR
40	11257	GM_M02_A1_F10	GM_M02_A1_F10_MF	
	11258	GM_M02_A1_F10		GM_M02_A1_F10_MR
	11259	GM_M02_A1_F11		GM_M02_A1_F11_MR
	11260	GM_M02_A1_F12	GM_M02_A1_F12_MF	
	11261	GM_M02_A1_F12		GM_M02_A1_F12_MR
45	11262	GM_M02_A1_G01	GM_M02_A1_G01_MF	
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	11264	GM_M02_A1_G03		GM_M02_A1_G03_MR
	11265	GM_M02_A1_G04	GM_M02_A1_G04_MF	
	11266	GM_M02_A1_G05		GM_M02_A1_G05_MR
50	11267	GM_M02_A1_G06	GM_M02_A1_G06_MF	
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	11269	GM_M02_A1_G07		GM_M02_A1_G07_MR
	11270	GM_M02_A1_G08	GM_M02_A1_G08_MF	
	11271	GM_M02_A1_G08		GM_M02_A1_G08_MR
55	11272	GM_M02_A1_G09	GM_M02_A1_G09_MF	

	11273	GM_M02_A1_G09		GM_M02_A1_G09_MR
	11274	GM_M02_A1_G10	GM_M02_A1_G10_MF	
	11275	GM_M02_A1_G10		GM_M02_A1_G10_MR
	11276	GM_M02_A1_G11	GM_M02_A1_G11_MF	
5	11277	GM_M02_A1_G11		GM_M02_A1_G11_MR
	11278	GM_M02_A1_G12	GM_M02_A1_G12_MF	
	11279	GM_M02_A1_G12		GM_M02_A1_G12_MR
	11280	GM_M02_A1_H02	GM_M02_A1_H02_MF	
	11281	GM_M02_A1_H02		GM_M02_A1_H02_MR
10	11282	GM_M02_A1_H03		GM_M02_A1_H03_MR
	11283	GM_M02_A1_H05	GM_M02_A1_H05_MF	
	11284	GM_M02_A1_H05		GM_M02_A1_H05_MR
	11285	GM_M02_A1_H06	GM_M02_A1_H06_MF	
	11286	GM_M02_A1_H06		GM_M02_A1_H06_MR
15	11287	GM_M02_A1_H07	GM_M02_A1_H07_MF	
	11288	GM_M02_A1_H07		GM_M02_A1_H07_MR
	11289	GM_M02_A1_H08	GM_M02_A1_H08_MF	
	11290	GM_M02_A1_H08		GM_M02_A1_H08_MR
	11291	GM_M02_A1_H09	GM_M02_A1_H09_MF	
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	11293	GM_M02_A1_H10	GM_M02_A1_H10_MF	
	11294	GM_M02_A1_H10		GM_M02_A1_H10_MR
	11295	GM_M02_A1_H11	GM_M02_A1_H11_MF	
	11296	GM_M02_A1_H11		GM_M02_A1_H11_MR
25	11297	GM_M02_A1_H12		GM_M02_A1_H12_MR
	11298	GM_M02_A2_A01	GM_M02_A2_A01_MF	
	11299	GM_M02_A2_A01		GM_M02_A2_A01_MR
	11300	GM_M02_A2_A02	GM_M02_A2_A02_MF	
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30	11302	GM_M02_A2_A03	GM_M02_A2_A03_MF	
	11303	GM_M02_A2_A03		GM_M02_A2_A03_MR
	11304	GM_M02_A2_A04		GM_M02_A2_A04_MR
	11305	GM_M02_A2_A05	GM_M02_A2_A05_MF	
	11306	GM_M02_A2_A05		GM_M02_A2_A05_MR
35	11307	GM_M02_A2_A06	GM_M02_A2_A06_MF	
	11308	GM_M02_A2_A06		GM_M02_A2_A06_MR
	11309	GM_M02_A2_A07	GM_M02_A2_A07_MF	
	11310	GM_M02_A2_A07		GM_M02_A2_A07_MR
	11311	GM_M02_A2_A08	GM_M02_A2_A08_MF	
40	11312	GM_M02_A2_A08		GM_M02_A2_A08_MR
	11313	GM_M02_A2_A09	GM_M02_A2_A09_MF	
	11314	GM_M02_A2_A09		GM_M02_A2_A09_MR
	11315	GM_M02_A2_A10	GM_M02_A2_A10_MF	
	11316	GM_M02_A2_A10		GM_M02_A2_A10_MR
45	11317	GM_M02_A2_A11	GM_M02_A2_A11_MF	
	11318	GM_M02_A2_A11		GM_M02_A2_A11_MR
	11319	GM_M02_A2_A12	GM_M02_A2_A12_MF	
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	11321	GM_M02_A2_B01	GM_M02_A2_B01_MF	
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	11323	GM_M02_A2_B02		GM_M02_A2_B02_MR
	11324	GM_M02_A2_B03	GM_M02_A2_B03_MF	
	11325	GM_M02_A2_B03		GM_M02_A2_B03_MR
	11326	GM_M02_A2_B04	GM_M02_A2_B04_MF	
55	11327	GM_M02_A2_B04		GM_M02_A2_B04_MR

	11328	GM_M02_A2_B05		GM_M02_A2_B05_MR
	11329	GM_M02_A2_B06		GM_M02_A2_B06_MR
	11330	GM_M02_A2_B07	GM_M02_A2_B07_MF	
	11331	GM_M02_A2_B07		GM_M02_A2_B07_MR
5	11332	GM_M02_A2_B08	GM_M02_A2_B08_MF	
	11333	GM_M02_A2_B08		GM_M02_A2_B08_MR
	11334	GM_M02_A2_B09	GM_M02_A2_B09_MF	
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	11336	GM_M02_A2_B10	GM_M02_A2_B10_MF	
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	11338	GM_M02_A2_B11		GM_M02_A2_B11_MR
	11339	GM_M02_A2_B12	GM_M02_A2_B12_MF	
	11340	GM_M02_A2_B12		GM_M02_A2_B12_MR
	11341	GM_M02_A2_C01	GM_M02_A2_C01_MF	
15	11342	GM_M02_A2_C01		GM_M02_A2_C01_MR
	11343	GM_M02_A2_C02		GM_M02_A2_C02_MR
	11344	GM_M02_A2_C03		GM_M02_A2_C03_MR
	11345	GM_M02_A2_C04	GM_M02_A2_C04_MF	
	11346	GM_M02_A2_C04		GM_M02_A2_C04_MR
20	11347	GM_M02_A2_C05	GM_M02_A2_C05_MF	
	11348	GM_M02_A2_C05		GM_M02_A2_C05_MR
	11349	GM_M02_A2_C07	GM_M02_A2_C07_MF	
	11350	GM_M02_A2_C07		GM_M02_A2_C07_MR
	11351	GM_M02_A2_C08	GM_M02_A2_C08_MF	
25	11352	GM_M02_A2_C08		GM_M02_A2_C08_MR
	11353	GM_M02_A2_C09	GM_M02_A2_C09_MF	
	11354	GM_M02_A2_C09		GM_M02_A2_C09_MR
	11355	GM_M02_A2_C10	GM_M02_A2_C10_MF	
	11356	GM_M02_A2_C10		GM_M02_A2_C10_MR
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	11358	GM_M02_A2_C12	GM_M02_A2_C12_MF	
	11359	GM_M02_A2_C12		GM_M02_A2_C12_MR
	11360	GM_M02_A2_D01		GM_M02_A2_D01_MR
	11361	GM_M02_A2_D02	GM_M02_A2_D02_MF	
35	11362	GM_M02_A2_D02		GM_M02_A2_D02_MR
	11363	GM_M02_A2_D03	GM_M02_A2_D03_MF	
	11364	GM_M02_A2_D03		GM_M02_A2_D03_MR
	11365	GM_M02_A2_D04	GM_M02_A2_D04_MF	
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	11369	GM_M02_A2_D06	GM_M02_A2_D06_MF	
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	11374	GM_M02_A2_D08		GM_M02_A2_D08_MR
	11375	GM_M02_A2_D09		GM_M02_A2_D09_MR
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	11379	GM_M02_A2_D11		GM_M02_A2_D11_MR
	11380	GM_M02_A2_D12	GM_M02_A2_D12_MF	
	11381	GM_M02_A2_D12		GM_M02_A2_D12_MR
55	11382	GM_M02_A2_E01	GM_M02_A2_E01_MF	

	11383	GM_M02_A2_E01		GM_M02_A2_E01_MR
	11384	GM_M02_A2_E02	GM_M02_A2_E02_MF	
	11385	GM_M02_A2_E02		GM_M02_A2_E02_MR
	11386	GM_M02_A2_E03	GM_M02_A2_E03_MF	
5	11387	GM_M02_A2_E03		GM_M02_A2_E03_MR
	11388	GM_M02_A2_E04	GM_M02_A2_E04_MF	
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	11394	GM_M02_A2_E07	GM_M02_A2_E07_MF	
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	11396	GM_M02_A2_E08	GM_M02_A2_E08_MF	
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	11398	GM_M02_A2_E09	GM_M02_A2_E09_MF	
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	11404	GM_M02_A2_E12	GM_M02_A2_E12_MF	
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	11406	GM_M02_A2_F01	GM_M02_A2_F01_MF	
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	11408	GM_M02_A2_F02	GM_M02_A2_F02_MF	
	11409	GM_M02_A2_F02		GM_M02_A2_F02_MR
	11410	GM_M02_A2_F03	GM_M02_A2_F03_MF	
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	11414	GM_M02_A2_F05	GM_M02_A2_F05_MF	
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	11416	GM_M02_A2_F06	GM_M02_A2_F06_MF	
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	11418	GM_M02_A2_F07	GM_M02_A2_F07_MF	
	11419	GM_M02_A2_F07		GM_M02_A2_F07_MR
	11420	GM_M02_A2_F08	GM_M02_A2_F08_MF	
	11421	GM_M02_A2_F08		GM_M02_A2_F08_MR
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	11424	GM_M02_A2_F10	GM_M02_A2_F10_MF	
	11425	GM_M02_A2_F10		GM_M02_A2_F10_MR
	11426	GM_M02_A2_F11	GM_M02_A2_F11_MF	
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	11428	GM_M02_A2_F12	GM_M02_A2_F12_MF	
	11429	GM_M02_A2_F12		GM_M02_A2_F12_MR
	11430	GM_M02_A2_G01	GM_M02_A2_G01_MF	
	11431	GM_M02_A2_G01		GM_M02_A2_G01_MR
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	11433	GM_M02_A2_G02		GM_M02_A2_G02_MR
	11434	GM_M02_A2_G03	GM_M02_A2_G03_MF	
	11435	GM_M02_A2_G03		GM_M02_A2_G03_MR
	11436	GM_M02_A2_G04		GM_M02_A2_G04_MR
55	11437	GM_M02_A2_G05	GM_M02_A2_G05_MF	

	11438	GM_M02_A2_G05		GM_M02_A2_G05_MR
	11439	GM_M02_A2_G06	GM_M02_A2_G06_MF	
	11440	GM_M02_A2_G06		GM_M02_A2_G06_MR
	11441	GM_M02_A2_G07	GM_M02_A2_G07_MF	
5	11442	GM_M02_A2_G07		GM_M02_A2_G07_MR
	11443	GM_M02_A2_G08	GM_M02_A2_G08_MF	
	11444	GM_M02_A2_G08		GM_M02_A2_G08_MR
	11445	GM_M02_A2_G09	GM_M02_A2_G09_MF	
	11446	GM_M02_A2_G09		GM_M02_A2_G09_MR
10	11447	GM_M02_A2_G10	GM_M02_A2_G10_MF	
	11448	GM_M02_A2_G10		GM_M02_A2_G10_MR
	11449	GM_M02_A2_G11	GM_M02_A2_G11_MF	
	11450	GM_M02_A2_G11		GM_M02_A2_G11_MR
	11451	GM_M02_A2_G12	GM_M02_A2_G12_MF	
15	11452	GM_M02_A2_G12		GM_M02_A2_G12_MR
	11453	GM_M02_A2_H01	GM_M02_A2_H01_MF	
	11454	GM_M02_A2_H01		GM_M02_A2_H01_MR
	11455	GM_M02_A2_H02	GM_M02_A2_H02_MF	
	11456	GM_M02_A2_H02		GM_M02_A2_H02_MR
20	11457	GM_M02_A2_H03	GM_M02_A2_H03_MF	
	11458	GM_M02_A2_H03		GM_M02_A2_H03_MR
	11459	GM_M02_A2_H04	GM_M02_A2_H04_MF	
	11460	GM_M02_A2_H04		GM_M02_A2_H04_MR
	11461	GM_M02_A2_H05	GM_M02_A2_H05_MF	
25	11462	GM_M02_A2_H05		GM_M02_A2_H05_MR
	11463	GM_M02_A2_H06	GM_M02_A2_H06_MF	
	11464	GM_M02_A2_H06		GM_M02_A2_H06_MR
	11465	GM_M02_A2_H07	GM_M02_A2_H07_MF	
	11466	GM_M02_A2_H07		GM_M02_A2_H07_MR
30	11467	GM_M02_A2_H08	GM_M02_A2_H08_MF	
	11468	GM_M02_A2_H08		GM_M02_A2_H08_MR
	11469	GM_M02_A2_H09	GM_M02_A2_H09_MF	
	11470	GM_M02_A2_H09		GM_M02_A2_H09_MR
	11471	GM_M02_A2_H10	GM_M02_A2_H10_MF	
35	11472	GM_M02_A2_H10		GM_M02_A2_H10_MR
	11473	GM_M02_A2_H11	GM_M02_A2_H11_MF	
	11474	GM_M02_A2_H11		GM_M02_A2_H11_MR
	11475	GM_M02_A2_H12		GM_M02_A2_H12_MR
	11476	GM_M02_B1_A01		GM_M02_B1_A01_MR
40	11477	GM_M02_B1_A02	GM_M02_B1_A02_MF	
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	11479	GM_M02_B1_A03	GM_M02_B1_A03_MF	
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	11481	GM_M02_B1_A04	GM_M02_B1_A04_MF	
45	11482	GM_M02_B1_A04		GM_M02_B1_A04_MR
	11483	GM_M02_B1_A05	GM_M02_B1_A05_MF	
	11484	GM_M02_B1_A05		GM_M02_B1_A05_MR
	11485	GM_M02_B1_A06	GM_M02_B1_A06_MF	
	11486	GM_M02_B1_A06		GM_M02_B1_A06_MR
50	11487	GM_M02_B1_A07	GM_M02_B1_A07_MF	
	11488	GM_M02_B1_A07		GM_M02_B1_A07_MR
	11489	GM_M02_B1_A08	GM_M02_B1_A08_MF	
	11490	GM_M02_B1_A08		GM_M02_B1_A08_MR
	11491	GM_M02_B1_A09	GM_M02_B1_A09_MF	
55	11492	GM_M02_B1_A09		GM_M02_B1_A09_MR

	11493	GM_M02_B1_A10	GM_M02_B1_A10_MF	
	11494	GM_M02_B1_A10		GM_M02_B1_A10_MR
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	11496	GM_M02_B1_A11		GM_M02_B1_A11_MR
5	11497	GM_M02_B1_A12	GM_M02_B1_A12_MF	
	11498	GM_M02_B1_A12		GM_M02_B1_A12_MR
	11499	GM_M02_B1_B01	GM_M02_B1_B01_MF	
	11500	GM_M02_B1_B01		GM_M02_B1_B01_MR
	11501	GM_M02_B1_B02		GM_M02_B1_B02_MR
10	11502	GM_M02_B1_B03		GM_M02_B1_B03_MR
	11503	GM_M02_B1_B04	GM_M02_B1_B04_MF	
	11504	GM_M02_B1_B04		GM_M02_B1_B04_MR
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	11516	GM_M02_B1_B11		GM_M02_B1_B11_MR
25	11517	GM_M02_B1_B12	GM_M02_B1_B12_MF	
	11518	GM_M02_B1_B12		GM_M02_B1_B12_MR
	11519	GM_M02_B1_C01	GM_M02_B1_C01_MF	
	11520	GM_M02_B1_C01		GM_M02_B1_C01_MR
	11521	GM_M02_B1_C02	GM_M02_B1_C02_MF	
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	11523	GM_M02_B1_C03	GM_M02_B1_C03_MF	
	11524	GM_M02_B1_C03		GM_M02_B1_C03_MR
	11525	GM_M02_B1_C04	GM_M02_B1_C04_MF	
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	11528	GM_M02_B1_C06	GM_M02_B1_C06_MF	
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	11543	GM_M02_B1_D01		GM_M02_B1_D01_MR
	11544	GM_M02_B1_D02	GM_M02_B1_D02_MF	
	11545	GM_M02_B1_D02		GM_M02_B1_D02_MR
	11546	GM_M02_B1_D03	GM_M02_B1_D03_MF	
55	11547	GM_M02_B1_D03		GM_M02_B1_D03_MR

	11548	GM_M02_B1_D04	GM_M02_B1_D04_MF	
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	11629	GM_M02_B1_H03		GM_M02_B1_H03_MR
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	11656	GM_M02_B2_A06	GM_M02_B2_A06_MF	
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	11685	GM_M02_B2_B09		
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	11691	GM_M02_B2_B12		
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	11695	GM_M02_B2_C02		
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	11701	GM_M02_B2_C05		
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	11705	GM_M02_B2_C07		
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	11709	GM_M02_B2_C09		
	11710	GM_M02_B2_C10	GM_M02_B2_C10_MF	GM_M02_B2_C10_MR
	11711	GM_M02_B2_C10		
	11712	GM_M02_B2_C11	GM_M02_B2_C11_MF	

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	11713	GM_M02_B2_C11		GM_M02_B2_C11_MR
	11714	GM_M02_B2_C12	GM_M02_B2_C12_MF	
	11715	GM_M02_B2_C12		GM_M02_B2_C12_MR
	11716	GM_M02_B2_D01	GM_M02_B2_D01_MF	
5	11717	GM_M02_B2_D01		GM_M02_B2_D01_MR
	11718	GM_M02_B2_D02	GM_M02_B2_D02_MF	
	11719	GM_M02_B2_D02		GM_M02_B2_D02_MR
	11720	GM_M02_B2_D03	GM_M02_B2_D03_MF	
	11721	GM_M02_B2_D03		GM_M02_B2_D03_MR
10	11722	GM_M02_B2_D04	GM_M02_B2_D04_MF	
	11723	GM_M02_B2_D04		GM_M02_B2_D04_MR
	11724	GM_M02_B2_D05	GM_M02_B2_D05_MF	
	11725	GM_M02_B2_D05		GM_M02_B2_D05_MR
	11726	GM_M02_B2_D06	GM_M02_B2_D06_MF	
15	11727	GM_M02_B2_D06		GM_M02_B2_D06_MR
	11728	GM_M02_B2_D07	GM_M02_B2_D07_MF	
	11729	GM_M02_B2_D08	GM_M02_B2_D08_MF	
	11730	GM_M02_B2_D08		GM_M02_B2_D08_MR
	11731	GM_M02_B2_D09	GM_M02_B2_D09_MF	
20	11732	GM_M02_B2_D09		GM_M02_B2_D09_MR
	11733	GM_M02_B2_D10	GM_M02_B2_D10_MF	
	11734	GM_M02_B2_D10		GM_M02_B2_D10_MR
	11735	GM_M02_B2_D11	GM_M02_B2_D11_MF	
	11736	GM_M02_B2_D11		GM_M02_B2_D11_MR
25	11737	GM_M02_B2_D12	GM_M02_B2_D12_MF	
	11738	GM_M02_B2_D12		GM_M02_B2_D12_MR
	11739	GM_M02_B2_E01	GM_M02_B2_E01_MF	
	11740	GM_M02_B2_E01		GM_M02_B2_E01_MR
	11741	GM_M02_B2_E02	GM_M02_B2_E02_MF	
30	11742	GM_M02_B2_E02		GM_M02_B2_E02_MR
	11743	GM_M02_B2_E03	GM_M02_B2_E03_MF	
	11744	GM_M02_B2_E03		GM_M02_B2_E03_MR
	11745	GM_M02_B2_E04	GM_M02_B2_E04_MF	
	11746	GM_M02_B2_E04		GM_M02_B2_E04_MR
35	11747	GM_M02_B2_E05	GM_M02_B2_E05_MF	
	11748	GM_M02_B2_E05		GM_M02_B2_E05_MR
	11749	GM_M02_B2_E06	GM_M02_B2_E06_MF	
	11750	GM_M02_B2_E06		GM_M02_B2_E06_MR
	11751	GM_M02_B2_E07	GM_M02_B2_E07_MF	
40	11752	GM_M02_B2_E07		GM_M02_B2_E07_MR
	11753	GM_M02_B2_E08	GM_M02_B2_E08_MF	
	11754	GM_M02_B2_E08		GM_M02_B2_E08_MR
	11755	GM_M02_B2_E09	GM_M02_B2_E09_MF	
	11756	GM_M02_B2_E09		GM_M02_B2_E09_MR
45	11757	GM_M02_B2_E10	GM_M02_B2_E10_MF	
	11758	GM_M02_B2_E10		GM_M02_B2_E10_MR
	11759	GM_M02_B2_E11	GM_M02_B2_E11_MF	
	11760	GM_M02_B2_E11		GM_M02_B2_E11_MR
	11761	GM_M02_B2_E12	GM_M02_B2_E12_MF	
50	11762	GM_M02_B2_E12		GM_M02_B2_E12_MR
	11763	GM_M02_B2_F01	GM_M02_B2_F01_MF	
	11764	GM_M02_B2_F01		GM_M02_B2_F01_MR
	11765	GM_M02_B2_F02	GM_M02_B2_F02_MF	
	11766	GM_M02_B2_F02		GM_M02_B2_F02_MR
55	11767	GM_M02_B2_F03	GM_M02_B2_F03_MF	

	11768	GM_M02_B2_F03		GM_M02_B2_F03_MR
	11769	GM_M02_B2_F04	GM_M02_B2_F04_MF	
	11770	GM_M02_B2_F04		GM_M02_B2_F04_MR
	11771	GM_M02_B2_F05	GM_M02_B2_F05_MF	
5	11772	GM_M02_B2_F05		GM_M02_B2_F05_MR
	11773	GM_M02_B2_F06	GM_M02_B2_F06_MF	
	11774	GM_M02_B2_F06		GM_M02_B2_F06_MR
	11775	GM_M02_B2_F07	GM_M02_B2_F07_MF	
	11776	GM_M02_B2_F07		GM_M02_B2_F07_MR
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	11778	GM_M02_B2_F08		GM_M02_B2_F08_MR
	11779	GM_M02_B2_F09	GM_M02_B2_F09_MF	
	11780	GM_M02_B2_F09		GM_M02_B2_F09_MR
	11781	GM_M02_B2_F10	GM_M02_B2_F10_MF	
15	11782	GM_M02_B2_F10		GM_M02_B2_F10_MR
	11783	GM_M02_B2_F11	GM_M02_B2_F11_MF	
	11784	GM_M02_B2_F12	GM_M02_B2_F12_MF	
	11785	GM_M02_B2_F12		GM_M02_B2_F12_MR
	11786	GM_M02_B2_G01	GM_M02_B2_G01_MF	
20	11787	GM_M02_B2_G01		GM_M02_B2_G01_MR
	11788	GM_M02_B2_G02	GM_M02_B2_G02_MF	
	11789	GM_M02_B2_G02		GM_M02_B2_G02_MR
	11790	GM_M02_B2_G03	GM_M02_B2_G03_MF	
	11791	GM_M02_B2_G04	GM_M02_B2_G04_MF	
25	11792	GM_M02_B2_G04		GM_M02_B2_G04_MR
	11793	GM_M02_B2_G05	GM_M02_B2_G05_MF	
	11794	GM_M02_B2_G05		GM_M02_B2_G05_MR
	11795	GM_M02_B2_G06	GM_M02_B2_G06_MF	
	11796	GM_M02_B2_G07	GM_M02_B2_G07_MF	
30	11797	GM_M02_B2_G07		GM_M02_B2_G07_MR
	11798	GM_M02_B2_G08	GM_M02_B2_G08_MF	
	11799	GM_M02_B2_G08		GM_M02_B2_G08_MR
	11800	GM_M02_B2_G09	GM_M02_B2_G09_MF	
	11801	GM_M02_B2_G09		GM_M02_B2_G09_MR
35	11802	GM_M02_B2_G10	GM_M02_B2_G10_MF	
	11803	GM_M02_B2_G11	GM_M02_B2_G11_MF	
	11804	GM_M02_B2_G11		GM_M02_B2_G11_MR
	11805	GM_M02_B2_G12	GM_M02_B2_G12_MF	
	11806	GM_M02_B2_G12		GM_M02_B2_G12_MR
40	11807	GM_M02_B2_H01	GM_M02_B2_H01_MF	
	11808	GM_M02_B2_H01		GM_M02_B2_H01_MR
	11809	GM_M02_B2_H02	GM_M02_B2_H02_MF	
	11810	GM_M02_B2_H02		GM_M02_B2_H02_MR
	11811	GM_M02_B2_H03	GM_M02_B2_H03_MF	
45	11812	GM_M02_B2_H03		GM_M02_B2_H03_MR
	11813	GM_M02_B2_H04	GM_M02_B2_H04_MF	
	11814	GM_M02_B2_H04		GM_M02_B2_H04_MR
	11815	GM_M02_B2_H05	GM_M02_B2_H05_MF	
	11816	GM_M02_B2_H05		GM_M02_B2_H05_MR
50	11817	GM_M02_B2_H06	GM_M02_B2_H06_MF	
	11818	GM_M02_B2_H06		GM_M02_B2_H06_MR
	11819	GM_M02_B2_H07	GM_M02_B2_H07_MF	
	11820	GM_M02_B2_H07		GM_M02_B2_H07_MR
	11821	GM_M02_B2_H08	GM_M02_B2_H08_MF	
55	11822	GM_M02_B2_H08		GM_M02_B2_H08_MR

	11823	GM_M02_B2_H09	GM_M02_B2_H09_MF	
	11824	GM_M02_B2_H09		GM_M02_B2_H09_MR
	11825	GM_M02_B2_H10	GM_M02_B2_H10_MF	
	11826	GM_M02_B2_H10		GM_M02_B2_H10_MR
5	11827	GM_M02_B2_H11	GM_M02_B2_H11_MF	
	11828	GM_M02_B2_H11		GM_M02_B2_H11_MR
	11829	GM_M02_B2_H12	GM_M02_B2_H12_MF	
	11830	GM_M02_B2_H12		GM_M02_B2_H12_MR
	11831	GM_M03_A1_A01	GM_M03_A1_A01_MF	
10	11832	GM_M03_A1_A01		GM_M03_A1_A01_MR
	11833	GM_M03_A1_A02	GM_M03_A1_A02_MF	
	11834	GM_M03_A1_A02		GM_M03_A1_A02_MR
	11835	GM_M03_A1_A03	GM_M03_A1_A03_MF	
	11836	GM_M03_A1_A03		GM_M03_A1_A03_MR
15	11837	GM_M03_A1_A04	GM_M03_A1_A04_MF	
	11838	GM_M03_A1_A04		GM_M03_A1_A04_MR
	11839	GM_M03_A1_A05	GM_M03_A1_A05_MF	
	11840	GM_M03_A1_A05		GM_M03_A1_A05_MR
	11841	GM_M03_A1_A06	GM_M03_A1_A06_MF	
20	11842	GM_M03_A1_A06		GM_M03_A1_A06_MR
	11843	GM_M03_A1_A07	GM_M03_A1_A07_MF	
	11844	GM_M03_A1_A07		GM_M03_A1_A07_MR
	11845	GM_M03_A1_A08	GM_M03_A1_A08_MF	
	11846	GM_M03_A1_A08		GM_M03_A1_A08_MR
25	11847	GM_M03_A1_A09	GM_M03_A1_A09_MF	
	11848	GM_M03_A1_A09		GM_M03_A1_A09_MR
	11849	GM_M03_A1_A10	GM_M03_A1_A10_MF	
	11850	GM_M03_A1_A10		GM_M03_A1_A10_MR
	11851	GM_M03_A1_A11	GM_M03_A1_A11_MF	
30	11852	GM_M03_A1_A11		GM_M03_A1_A11_MR
	11853	GM_M03_A1_A12	GM_M03_A1_A12_MF	
	11854	GM_M03_A1_A12		GM_M03_A1_A12_MR
	11855	GM_M03_A1_B01	GM_M03_A1_B01_MF	
	11856	GM_M03_A1_B01		GM_M03_A1_B01_MR
35	11857	GM_M03_A1_B02	GM_M03_A1_B02_MF	
	11858	GM_M03_A1_B02		GM_M03_A1_B02_MR
	11859	GM_M03_A1_B03	GM_M03_A1_B03_MF	
	11860	GM_M03_A1_B03		GM_M03_A1_B03_MR
	11861	GM_M03_A1_B04	GM_M03_A1_B04_MF	
40	11862	GM_M03_A1_B04		GM_M03_A1_B04_MR
	11863	GM_M03_A1_B05	GM_M03_A1_B05_MF	
	11864	GM_M03_A1_B05		GM_M03_A1_B05_MR
	11865	GM_M03_A1_B06	GM_M03_A1_B06_MF	
	11866	GM_M03_A1_B06		GM_M03_A1_B06_MR
45	11867	GM_M03_A1_B07	GM_M03_A1_B07_MF	
	11868	GM_M03_A1_B07		GM_M03_A1_B07_MR
	11869	GM_M03_A1_B08	GM_M03_A1_B08_MF	
	11870	GM_M03_A1_B08		GM_M03_A1_B08_MR
	11871	GM_M03_A1_B09	GM_M03_A1_B09_MF	
50	11872	GM_M03_A1_B09		GM_M03_A1_B09_MR
	11873	GM_M03_A1_B10	GM_M03_A1_B10_MF	
	11874	GM_M03_A1_B10		GM_M03_A1_B10_MR
	11875	GM_M03_A1_B11	GM_M03_A1_B11_MF	
	11876	GM_M03_A1_B11		GM_M03_A1_B11_MR
55	11877	GM_M03_A1_B12	GM_M03_A1_B12_MF	

	11878	GM_M03_A1_B12		GM_M03_A1_B12_MR
	11879	GM_M03_A1_C01	GM_M03_A1_C01_MF	
	11880	GM_M03_A1_C01		GM_M03_A1_C01_MR
	11881	GM_M03_A1_C02	GM_M03_A1_C02_MF	
5	11882	GM_M03_A1_C02		GM_M03_A1_C02_MR
	11883	GM_M03_A1_C03	GM_M03_A1_C03_MF	
	11884	GM_M03_A1_C04	GM_M03_A1_C04_MF	
	11885	GM_M03_A1_C04		GM_M03_A1_C04_MR
	11886	GM_M03_A1_C05	GM_M03_A1_C05_MF	
10	11887	GM_M03_A1_C05		GM_M03_A1_C05_MR
	11888	GM_M03_A1_C06	GM_M03_A1_C06_MF	
	11889	GM_M03_A1_C06		GM_M03_A1_C06_MR
	11890	GM_M03_A1_C07	GM_M03_A1_C07_MF	
	11891	GM_M03_A1_C07		GM_M03_A1_C07_MR
15	11892	GM_M03_A1_C08	GM_M03_A1_C08_MF	
	11893	GM_M03_A1_C08		GM_M03_A1_C08_MR
	11894	GM_M03_A1_C09	GM_M03_A1_C09_MF	
	11895	GM_M03_A1_C09		GM_M03_A1_C09_MR
	11896	GM_M03_A1_C10	GM_M03_A1_C10_MF	
20	11897	GM_M03_A1_C10		GM_M03_A1_C10_MR
	11898	GM_M03_A1_C11	GM_M03_A1_C11_MF	
	11899	GM_M03_A1_C11		GM_M03_A1_C11_MR
	11900	GM_M03_A1_C12	GM_M03_A1_C12_MF	
	11901	GM_M03_A1_C12		GM_M03_A1_C12_MR
25	11902	GM_M03_A1_D01	GM_M03_A1_D01_MF	
	11903	GM_M03_A1_D01		GM_M03_A1_D01_MR
	11904	GM_M03_A1_D02	GM_M03_A1_D02_MF	
	11905	GM_M03_A1_D02		GM_M03_A1_D02_MR
	11906	GM_M03_A1_D03	GM_M03_A1_D03_MF	
30	11907	GM_M03_A1_D03		GM_M03_A1_D03_MR
	11908	GM_M03_A1_D04	GM_M03_A1_D04_MF	
	11909	GM_M03_A1_D04		GM_M03_A1_D04_MR
	11910	GM_M03_A1_D05	GM_M03_A1_D05_MF	
	11911	GM_M03_A1_D05		GM_M03_A1_D05_MR
35	11912	GM_M03_A1_D06	GM_M03_A1_D06_MF	
	11913	GM_M03_A1_D06		GM_M03_A1_D06_MR
	11914	GM_M03_A1_D07	GM_M03_A1_D07_MF	
	11915	GM_M03_A1_D07		GM_M03_A1_D07_MR
	11916	GM_M03_A1_D08	GM_M03_A1_D08_MF	
40	11917	GM_M03_A1_D08		GM_M03_A1_D08_MR
	11918	GM_M03_A1_D09	GM_M03_A1_D09_MF	
	11919	GM_M03_A1_D09		GM_M03_A1_D09_MR
	11920	GM_M03_A1_D10	GM_M03_A1_D10_MF	
	11921	GM_M03_A1_D11	GM_M03_A1_D11_MF	
45	11922	GM_M03_A1_D11		GM_M03_A1_D11_MR
	11923	GM_M03_A1_D12	GM_M03_A1_D12_MF	
	11924	GM_M03_A1_D12		GM_M03_A1_D12_MR
	11925	GM_M03_A1_E01	GM_M03_A1_E01_MF	
	11926	GM_M03_A1_E01		GM_M03_A1_E01_MR
50	11927	GM_M03_A1_E02	GM_M03_A1_E02_MF	
	11928	GM_M03_A1_E02		GM_M03_A1_E02_MR
	11929	GM_M03_A1_E03	GM_M03_A1_E03_MF	
	11930	GM_M03_A1_E03		GM_M03_A1_E03_MR
	11931	GM_M03_A1_E04	GM_M03_A1_E04_MF	
55	11932	GM_M03_A1_E04		GM_M03_A1_E04_MR

	11933	GM_M03_A1_E05	GM_M03_A1_E05_MF	
	11934	GM_M03_A1_E05		GM_M03_A1_E05_MR
	11935	GM_M03_A1_E06	GM_M03_A1_E06_MF	
	11936	GM_M03_A1_E06		GM_M03_A1_E06_MR
5	11937	GM_M03_A1_E07	GM_M03_A1_E07_MF	
	11938	GM_M03_A1_E07		GM_M03_A1_E07_MR
	11939	GM_M03_A1_E08	GM_M03_A1_E08_MF	
	11940	GM_M03_A1_E08		GM_M03_A1_E08_MR
	11941	GM_M03_A1_E09	GM_M03_A1_E09_MF	
10	11942	GM_M03_A1_E10	GM_M03_A1_E10_MF	
	11943	GM_M03_A1_E11	GM_M03_A1_E11_MF	
	11944	GM_M03_A1_E11		GM_M03_A1_E11_MR
	11945	GM_M03_A1_E12	GM_M03_A1_E12_MF	
	11946	GM_M03_A1_E12		GM_M03_A1_E12_MR
15	11947	GM_M03_A1_F01	GM_M03_A1_F01_MF	
	11948	GM_M03_A1_F01		GM_M03_A1_F01_MR
	11949	GM_M03_A1_F02	GM_M03_A1_F02_MF	
	11950	GM_M03_A1_F02		GM_M03_A1_F02_MR
	11951	GM_M03_A1_F03	GM_M03_A1_F03_MF	
20	11952	GM_M03_A1_F03		GM_M03_A1_F03_MR
	11953	GM_M03_A1_F04	GM_M03_A1_F04_MF	
	11954	GM_M03_A1_F04		GM_M03_A1_F04_MR
	11955	GM_M03_A1_F05	GM_M03_A1_F05_MF	
	11956	GM_M03_A1_F05		GM_M03_A1_F05_MR
25	11957	GM_M03_A1_F06	GM_M03_A1_F06_MF	
	11958	GM_M03_A1_F06		GM_M03_A1_F06_MR
	11959	GM_M03_A1_F07	GM_M03_A1_F07_MF	
	11960	GM_M03_A1_F07		GM_M03_A1_F07_MR
	11961	GM_M03_A1_F08	GM_M03_A1_F08_MF	
30	11962	GM_M03_A1_F08		GM_M03_A1_F08_MR
	11963	GM_M03_A1_F09	GM_M03_A1_F09_MF	
	11964	GM_M03_A1_F09		GM_M03_A1_F09_MR
	11965	GM_M03_A1_F10	GM_M03_A1_F10_MF	
	11966	GM_M03_A1_F10		GM_M03_A1_F10_MR
35	11967	GM_M03_A1_F11	GM_M03_A1_F11_MF	
	11968	GM_M03_A1_F11		GM_M03_A1_F11_MR
	11969	GM_M03_A1_F12	GM_M03_A1_F12_MF	
	11970	GM_M03_A1_F12		GM_M03_A1_F12_MR
	11971	GM_M03_A1_G01	GM_M03_A1_G01_MF	
40	11972	GM_M03_A1_G01		GM_M03_A1_G01_MR
	11973	GM_M03_A1_G02	GM_M03_A1_G02_MF	
	11974	GM_M03_A1_G02		GM_M03_A1_G02_MR
	11975	GM_M03_A1_G03	GM_M03_A1_G03_MF	
	11976	GM_M03_A1_G03		GM_M03_A1_G03_MR
45	11977	GM_M03_A1_G04	GM_M03_A1_G04_MF	
	11978	GM_M03_A1_G04		GM_M03_A1_G04_MR
	11979	GM_M03_A1_G05	GM_M03_A1_G05_MF	
	11980	GM_M03_A1_G05		GM_M03_A1_G05_MR
	11981	GM_M03_A1_G06	GM_M03_A1_G06_MF	
50	11982	GM_M03_A1_G06		GM_M03_A1_G06_MR
	11983	GM_M03_A1_G07	GM_M03_A1_G07_MF	
	11984	GM_M03_A1_G07		GM_M03_A1_G07_MR
	11985	GM_M03_A1_G08	GM_M03_A1_G08_MF	
	11986	GM_M03_A1_G08		GM_M03_A1_G08_MR
55	11987	GM_M03_A1_G09	GM_M03_A1_G09_MF	

	11988	GM_M03_A1_G09		GM_M03_A1_G09_MR
	11989	GM_M03_A1_G10	GM_M03_A1_G10_MF	
	11990	GM_M03_A1_G10		GM_M03_A1_G10_MR
	11991	GM_M03_A1_G11	GM_M03_A1_G11_MF	
5	11992	GM_M03_A1_G11		GM_M03_A1_G11_MR
	11993	GM_M03_A1_G12	GM_M03_A1_G12_MF	
	11994	GM_M03_A1_G12		GM_M03_A1_G12_MR
	11995	GM_M03_A1_H01	GM_M03_A1_H01_MF	
	11996	GM_M03_A1_H01		GM_M03_A1_H01_MR
10	11997	GM_M03_A1_H02	GM_M03_A1_H02_MF	
	11998	GM_M03_A1_H02		GM_M03_A1_H02_MR
	11999	GM_M03_A1_H03	GM_M03_A1_H03_MF	
	12000	GM_M03_A1_H03		GM_M03_A1_H03_MR
	12001	GM_M03_A1_H04	GM_M03_A1_H04_MF	
15	12002	GM_M03_A1_H04		GM_M03_A1_H04_MR
	12003	GM_M03_A1_H05	GM_M03_A1_H05_MF	
	12004	GM_M03_A1_H05		GM_M03_A1_H05_MR
	12005	GM_M03_A1_H06	GM_M03_A1_H06_MF	
	12006	GM_M03_A1_H06		GM_M03_A1_H06_MR
20	12007	GM_M03_A1_H07	GM_M03_A1_H07_MF	
	12008	GM_M03_A1_H07		GM_M03_A1_H07_MR
	12009	GM_M03_A1_H08	GM_M03_A1_H08_MF	
	12010	GM_M03_A1_H08		GM_M03_A1_H08_MR
	12011	GM_M03_A1_H09	GM_M03_A1_H09_MF	
25	12012	GM_M03_A1_H09		GM_M03_A1_H09_MR
	12013	GM_M03_A1_H10	GM_M03_A1_H10_MF	
	12014	GM_M03_A1_H10		GM_M03_A1_H10_MR
	12015	GM_M03_A1_H11	GM_M03_A1_H11_MF	
	12016	GM_M03_A1_H11		GM_M03_A1_H11_MR
30	12017	GM_M03_A1_H12	GM_M03_A1_H12_MF	
	12018	GM_M03_A1_H12		GM_M03_A1_H12_MR
	12019	GM_M03_A2_A01	GM_M03_A2_A01_MF	
	12020	GM_M03_A2_A01		GM_M03_A2_A01_MR
	12021	GM_M03_A2_A02	GM_M03_A2_A02_MF	
35	12022	GM_M03_A2_A02		GM_M03_A2_A02_MR
	12023	GM_M03_A2_A03		GM_M03_A2_A03_MR
	12024	GM_M03_A2_A04	GM_M03_A2_A04_MF	
	12025	GM_M03_A2_A04		GM_M03_A2_A04_MR
	12026	GM_M03_A2_A05	GM_M03_A2_A05_MF	
40	12027	GM_M03_A2_A05		GM_M03_A2_A05_MR
	12028	GM_M03_A2_A06		GM_M03_A2_A06_MR
	12029	GM_M03_A2_A07	GM_M03_A2_A07_MF	
	12030	GM_M03_A2_A07		GM_M03_A2_A07_MR
	12031	GM_M03_A2_A08	GM_M03_A2_A08_MF	
45	12032	GM_M03_A2_A08		GM_M03_A2_A08_MR
	12033	GM_M03_A2_A09	GM_M03_A2_A09_MF	
	12034	GM_M03_A2_A09		GM_M03_A2_A09_MR
	12035	GM_M03_A2_A10	GM_M03_A2_A10_MF	
	12036	GM_M03_A2_A10		GM_M03_A2_A10_MR
50	12037	GM_M03_A2_A11	GM_M03_A2_A11_MF	
	12038	GM_M03_A2_A11		GM_M03_A2_A11_MR
	12039	GM_M03_A2_A12		GM_M03_A2_A12_MR
	12040	GM_M03_A2_B01	GM_M03_A2_B01_MF	
	12041	GM_M03_A2_B01		GM_M03_A2_B01_MR
55	12042	GM_M03_A2_B02	GM_M03_A2_B02_MF	

	12043	GM_M03_A2_B02		GM_M03_A2_B02_MR
	12044	GM_M03_A2_B03	GM_M03_A2_B03_MF	
	12045	GM_M03_A2_B03		GM_M03_A2_B03_MR
	12046	GM_M03_A2_B05	GM_M03_A2_B05_MF	
5	12047	GM_M03_A2_B05		GM_M03_A2_B05_MR
	12048	GM_M03_A2_B06	GM_M03_A2_B06_MF	
	12049	GM_M03_A2_B06		GM_M03_A2_B06_MR
	12050	GM_M03_A2_B07	GM_M03_A2_B07_MF	
	12051	GM_M03_A2_B07		GM_M03_A2_B07_MR
10	12052	GM_M03_A2_B08	GM_M03_A2_B08_MF	
	12053	GM_M03_A2_B08		GM_M03_A2_B08_MR
	12054	GM_M03_A2_B09	GM_M03_A2_B09_MF	
	12055	GM_M03_A2_B09		GM_M03_A2_B09_MR
	12056	GM_M03_A2_B10	GM_M03_A2_B10_MF	
15	12057	GM_M03_A2_B10		GM_M03_A2_B10_MR
	12058	GM_M03_A2_B11	GM_M03_A2_B11_MF	
	12059	GM_M03_A2_B11		GM_M03_A2_B11_MR
	12060	GM_M03_A2_B12	GM_M03_A2_B12_MF	
	12061	GM_M03_A2_B12		GM_M03_A2_B12_MR
20	12062	GM_M03_A2_C01	GM_M03_A2_C01_MF	
	12063	GM_M03_A2_C01		GM_M03_A2_C01_MR
	12064	GM_M03_A2_C02	GM_M03_A2_C02_MF	
	12065	GM_M03_A2_C02		GM_M03_A2_C02_MR
	12066	GM_M03_A2_C03	GM_M03_A2_C03_MF	
25	12067	GM_M03_A2_C03		GM_M03_A2_C03_MR
	12068	GM_M03_A2_C04	GM_M03_A2_C04_MF	
	12069	GM_M03_A2_C04		GM_M03_A2_C04_MR
	12070	GM_M03_A2_C05	GM_M03_A2_C05_MF	
	12071	GM_M03_A2_C05		GM_M03_A2_C05_MR
30	12072	GM_M03_A2_C06	GM_M03_A2_C06_MF	
	12073	GM_M03_A2_C06		GM_M03_A2_C06_MR
	12074	GM_M03_A2_C07	GM_M03_A2_C07_MF	
	12075	GM_M03_A2_C07		GM_M03_A2_C07_MR
	12076	GM_M03_A2_C08	GM_M03_A2_C08_MF	
35	12077	GM_M03_A2_C08		GM_M03_A2_C08_MR
	12078	GM_M03_A2_C09		GM_M03_A2_C09_MR
	12079	GM_M03_A2_C10	GM_M03_A2_C10_MF	
	12080	GM_M03_A2_C10		GM_M03_A2_C10_MR
	12081	GM_M03_A2_C11	GM_M03_A2_C11_MF	
40	12082	GM_M03_A2_C11		GM_M03_A2_C11_MR
	12083	GM_M03_A2_D01	GM_M03_A2_D01_MF	
	12084	GM_M03_A2_D01		GM_M03_A2_D01_MR
	12085	GM_M03_A2_D02	GM_M03_A2_D02_MF	
	12086	GM_M03_A2_D02		GM_M03_A2_D02_MR
45	12087	GM_M03_A2_D03	GM_M03_A2_D03_MF	
	12088	GM_M03_A2_D03		GM_M03_A2_D03_MR
	12089	GM_M03_A2_D04	GM_M03_A2_D04_MF	
	12090	GM_M03_A2_D04		GM_M03_A2_D04_MR
	12091	GM_M03_A2_D05	GM_M03_A2_D05_MF	
50	12092	GM_M03_A2_D05		GM_M03_A2_D05_MR
	12093	GM_M03_A2_D06	GM_M03_A2_D06_MF	
	12094	GM_M03_A2_D06		GM_M03_A2_D06_MR
	12095	GM_M03_A2_D07		GM_M03_A2_D07_MR
	12096	GM_M03_A2_D08	GM_M03_A2_D08_MF	
55	12097	GM_M03_A2_D08		GM_M03_A2_D08_MR

	12098	GM_M03_A2_D09		GM_M03_A2_D09_MR
	12099	GM_M03_A2_D10	GM_M03_A2_D10_MF	
	12100	GM_M03_A2_D10		GM_M03_A2_D10_MR
	12101	GM_M03_A2_D11	GM_M03_A2_D11_MF	
5	12102	GM_M03_A2_D11		GM_M03_A2_D11_MR
	12103	GM_M03_A2_D12	GM_M03_A2_D12_MF	
	12104	GM_M03_A2_D12		GM_M03_A2_D12_MR
	12105	GM_M03_A2_E01	GM_M03_A2_E01_MF	
	12106	GM_M03_A2_E01		GM_M03_A2_E01_MR
10	12107	GM_M03_A2_E02	GM_M03_A2_E02_MF	
	12108	GM_M03_A2_E02		GM_M03_A2_E02_MR
	12109	GM_M03_A2_E03	GM_M03_A2_E03_MF	
	12110	GM_M03_A2_E03		GM_M03_A2_E03_MR
	12111	GM_M03_A2_E04	GM_M03_A2_E04_MF	
15	12112	GM_M03_A2_E04		GM_M03_A2_E04_MR
	12113	GM_M03_A2_E05	GM_M03_A2_E05_MF	
	12114	GM_M03_A2_E05		GM_M03_A2_E05_MR
	12115	GM_M03_A2_E06	GM_M03_A2_E06_MF	
	12116	GM_M03_A2_E06		GM_M03_A2_E06_MR
20	12117	GM_M03_A2_E07	GM_M03_A2_E07_MF	
	12118	GM_M03_A2_E07		GM_M03_A2_E07_MR
	12119	GM_M03_A2_E08	GM_M03_A2_E08_MF	
	12120	GM_M03_A2_E08		GM_M03_A2_E08_MR
	12121	GM_M03_A2_E09		GM_M03_A2_E09_MR
25	12122	GM_M03_A2_E10	GM_M03_A2_E10_MF	
	12123	GM_M03_A2_E10		GM_M03_A2_E10_MR
	12124	GM_M03_A2_E11	GM_M03_A2_E11_MF	
	12125	GM_M03_A2_E11		GM_M03_A2_E11_MR
	12126	GM_M03_A2_E12	GM_M03_A2_E12_MF	
30	12127	GM_M03_A2_E12		GM_M03_A2_E12_MR
	12128	GM_M03_A2_F01	GM_M03_A2_F01_MF	
	12129	GM_M03_A2_F01		GM_M03_A2_F01_MR
	12130	GM_M03_A2_F02	GM_M03_A2_F02_MF	
	12131	GM_M03_A2_F02		GM_M03_A2_F02_MR
35	12132	GM_M03_A2_F03	GM_M03_A2_F03_MF	
	12133	GM_M03_A2_F03		GM_M03_A2_F03_MR
	12134	GM_M03_A2_F04	GM_M03_A2_F04_MF	
	12135	GM_M03_A2_F04		GM_M03_A2_F04_MR
	12136	GM_M03_A2_F05	GM_M03_A2_F05_MF	
40	12137	GM_M03_A2_F05		GM_M03_A2_F05_MR
	12138	GM_M03_A2_F06	GM_M03_A2_F06_MF	
	12139	GM_M03_A2_F06		GM_M03_A2_F06_MR
	12140	GM_M03_A2_F07	GM_M03_A2_F07_MF	
	12141	GM_M03_A2_F07		GM_M03_A2_F07_MR
45	12142	GM_M03_A2_F08	GM_M03_A2_F08_MF	
	12143	GM_M03_A2_F08		GM_M03_A2_F08_MR
	12144	GM_M03_A2_F09	GM_M03_A2_F09_MF	
	12145	GM_M03_A2_F09		GM_M03_A2_F09_MR
	12146	GM_M03_A2_F10		GM_M03_A2_F10_MR
50	12147	GM_M03_A2_F11	GM_M03_A2_F11_MF	
	12148	GM_M03_A2_F11		GM_M03_A2_F11_MR
	12149	GM_M03_A2_F12	GM_M03_A2_F12_MF	
	12150	GM_M03_A2_F12		GM_M03_A2_F12_MR
	12151	GM_M03_A2_G01	GM_M03_A2_G01_MF	
55	12152	GM_M03_A2_G01		GM_M03_A2_G01_MR

	12153	GM_M03_A2_G02	GM_M03_A2_G02_MF	
	12154	GM_M03_A2_G02		GM_M03_A2_G02_MR
	12155	GM_M03_A2_G03	GM_M03_A2_G03_MF	
	12156	GM_M03_A2_G03		GM_M03_A2_G03_MR
5	12157	GM_M03_A2_G04	GM_M03_A2_G04_MF	
	12158	GM_M03_A2_G04		GM_M03_A2_G04_MR
	12159	GM_M03_A2_G05	GM_M03_A2_G05_MF	
	12160	GM_M03_A2_G05		GM_M03_A2_G05_MR
	12161	GM_M03_A2_G06	GM_M03_A2_G06_MF	
10	12162	GM_M03_A2_G06		GM_M03_A2_G06_MR
	12163	GM_M03_A2_G07	GM_M03_A2_G07_MF	
	12164	GM_M03_A2_G07		GM_M03_A2_G07_MR
	12165	GM_M03_A2_G08	GM_M03_A2_G08_MF	
	12166	GM_M03_A2_G08		GM_M03_A2_G08_MR
15	12167	GM_M03_A2_G09	GM_M03_A2_G09_MF	
	12168	GM_M03_A2_G09		GM_M03_A2_G09_MR
	12169	GM_M03_A2_G10	GM_M03_A2_G10_MF	
	12170	GM_M03_A2_G10		GM_M03_A2_G10_MR
	12171	GM_M03_A2_G11	GM_M03_A2_G11_MF	
20	12172	GM_M03_A2_G11		GM_M03_A2_G11_MR
	12173	GM_M03_A2_G12	GM_M03_A2_G12_MF	
	12174	GM_M03_A2_G12		GM_M03_A2_G12_MR
	12175	GM_M03_A2_H01	GM_M03_A2_H01_MF	
	12176	GM_M03_A2_H01		GM_M03_A2_H01_MR
25	12177	GM_M03_A2_H02	GM_M03_A2_H02_MF	
	12178	GM_M03_A2_H02		GM_M03_A2_H02_MR
	12179	GM_M03_A2_H03	GM_M03_A2_H03_MF	
	12180	GM_M03_A2_H03		GM_M03_A2_H03_MR
	12181	GM_M03_A2_H04	GM_M03_A2_H04_MF	
30	12182	GM_M03_A2_H04		GM_M03_A2_H04_MR
	12183	GM_M03_A2_H05	GM_M03_A2_H05_MF	
	12184	GM_M03_A2_H05		GM_M03_A2_H05_MR
	12185	GM_M03_A2_H06	GM_M03_A2_H06_MF	
	12186	GM_M03_A2_H06		GM_M03_A2_H06_MR
35	12187	GM_M03_A2_H07	GM_M03_A2_H07_MF	
	12188	GM_M03_A2_H07		GM_M03_A2_H07_MR
	12189	GM_M03_A2_H09	GM_M03_A2_H09_MF	
	12190	GM_M03_A2_H09		GM_M03_A2_H09_MR
	12191	GM_M03_A2_H10	GM_M03_A2_H10_MF	
40	12192	GM_M03_A2_H10		GM_M03_A2_H10_MR
	12193	GM_M03_A2_H11	GM_M03_A2_H11_MF	
	12194	GM_M03_A2_H11		GM_M03_A2_H11_MR
	12195	GM_M03_A2_H12	GM_M03_A2_H12_MF	
	12196	GM_M03_A2_H12		GM_M03_A2_H12_MR
45	12197	GM_M03_B1_A01	GM_M03_B1_A01_MF	
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	12199	GM_M03_B1_A02	GM_M03_B1_A02_MF	
	12200	GM_M03_B1_A02		GM_M03_B1_A02_MR
	12201	GM_M03_B1_A03	GM_M03_B1_A03_MF	
50	12202	GM_M03_B1_A03		GM_M03_B1_A03_MR
	12203	GM_M03_B1_A04		GM_M03_B1_A04_MR
	12204	GM_M03_B1_A05	GM_M03_B1_A05_MF	
	12205	GM_M03_B1_A05		GM_M03_B1_A05_MR
	12206	GM_M03_B1_A06	GM_M03_B1_A06_MF	
55	12207	GM_M03_B1_A06		GM_M03_B1_A06_MR

	12208	GM_M03_B1_A07	GM_M03_B1_A07_MF	
	12209	GM_M03_B1_A07		GM_M03_B1_A07_MR
	12210	GM_M03_B1_A08	GM_M03_B1_A08_MF	
	12211	GM_M03_B1_A08		GM_M03_B1_A08_MR
5	12212	GM_M03_B1_A09		GM_M03_B1_A09_MR
	12213	GM_M03_B1_A10	GM_M03_B1_A10_MF	
	12214	GM_M03_B1_A10		GM_M03_B1_A10_MR
	12215	GM_M03_B1_A11	GM_M03_B1_A11_MF	
	12216	GM_M03_B1_A11		GM_M03_B1_A11_MR
10	12217	GM_M03_B1_A12		GM_M03_B1_A12_MR
	12218	GM_M03_B1_B01	GM_M03_B1_B01_MF	
	12219	GM_M03_B1_B01		GM_M03_B1_B01_MR
	12220	GM_M03_B1_B02		GM_M03_B1_B02_MR
	12221	GM_M03_B1_B03	GM_M03_B1_B03_MF	
15	12222	GM_M03_B1_B03		GM_M03_B1_B03_MR
	12223	GM_M03_B1_B04		GM_M03_B1_B04_MR
	12224	GM_M03_B1_B05	GM_M03_B1_B05_MF	
	12225	GM_M03_B1_B05		GM_M03_B1_B05_MR
	12226	GM_M03_B1_B06	GM_M03_B1_B06_MF	
20	12227	GM_M03_B1_B06		GM_M03_B1_B06_MR
	12228	GM_M03_B1_B07	GM_M03_B1_B07_MF	
	12229	GM_M03_B1_B07		GM_M03_B1_B07_MR
	12230	GM_M03_B1_B08	GM_M03_B1_B08_MF	
	12231	GM_M03_B1_B08		GM_M03_B1_B08_MR
25	12232	GM_M03_B1_B09	GM_M03_B1_B09_MF	
	12233	GM_M03_B1_B09		GM_M03_B1_B09_MR
	12234	GM_M03_B1_B10	GM_M03_B1_B10_MF	
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	12236	GM_M03_B1_B11	GM_M03_B1_B11_MF	
30	12237	GM_M03_B1_B11		GM_M03_B1_B11_MR
	12238	GM_M03_B1_B12	GM_M03_B1_B12_MF	
	12239	GM_M03_B1_B12		GM_M03_B1_B12_MR
	12240	GM_M03_B1_C01		GM_M03_B1_C01_MR
	12241	GM_M03_B1_C02	GM_M03_B1_C02_MF	
35	12242	GM_M03_B1_C03	GM_M03_B1_C03_MF	
	12243	GM_M03_B1_C03		GM_M03_B1_C03_MR
	12244	GM_M03_B1_C04	GM_M03_B1_C04_MF	
	12245	GM_M03_B1_C04		GM_M03_B1_C04_MR
	12246	GM_M03_B1_C05	GM_M03_B1_C05_MF	
40	12247	GM_M03_B1_C05		GM_M03_B1_C05_MR
	12248	GM_M03_B1_C06	GM_M03_B1_C06_MF	
	12249	GM_M03_B1_C06		GM_M03_B1_C06_MR
	12250	GM_M03_B1_C07	GM_M03_B1_C07_MF	
	12251	GM_M03_B1_C07		GM_M03_B1_C07_MR
45	12252	GM_M03_B1_C08	GM_M03_B1_C08_MF	
	12253	GM_M03_B1_C08		GM_M03_B1_C08_MR
	12254	GM_M03_B1_C09	GM_M03_B1_C09_MF	
	12255	GM_M03_B1_C09		GM_M03_B1_C09_MR
	12256	GM_M03_B1_C10	GM_M03_B1_C10_MF	
50	12257	GM_M03_B1_C10		GM_M03_B1_C10_MR
	12258	GM_M03_B1_C11	GM_M03_B1_C11_MF	
	12259	GM_M03_B1_C11		GM_M03_B1_C11_MR
	12260	GM_M03_B1_C12	GM_M03_B1_C12_MF	
	12261	GM_M03_B1_C12		GM_M03_B1_C12_MR
55	12262	GM_M03_B1_D01	GM_M03_B1_D01_MF	

	12263	GM_M03_B1_D01		GM_M03_B1_D01_MR
	12264	GM_M03_B1_D02	GM_M03_B1_D02_MF	
	12265	GM_M03_B1_D02		GM_M03_B1_D02_MR
	12266	GM_M03_B1_D03	GM_M03_B1_D03_MF	
5	12267	GM_M03_B1_D03		GM_M03_B1_D03_MR
	12268	GM_M03_B1_D04	GM_M03_B1_D04_MF	
	12269	GM_M03_B1_D04		GM_M03_B1_D04_MR
	12270	GM_M03_B1_D05	GM_M03_B1_D05_MF	
	12271	GM_M03_B1_D05		GM_M03_B1_D05_MR
10	12272	GM_M03_B1_D06	GM_M03_B1_D06_MF	
	12273	GM_M03_B1_D06		GM_M03_B1_D06_MR
	12274	GM_M03_B1_D07	GM_M03_B1_D07_MF	
	12275	GM_M03_B1_D07		GM_M03_B1_D07_MR
	12276	GM_M03_B1_D08	GM_M03_B1_D08_MF	
15	12277	GM_M03_B1_D08		GM_M03_B1_D08_MR
	12278	GM_M03_B1_D09	GM_M03_B1_D09_MF	
	12279	GM_M03_B1_D09		GM_M03_B1_D09_MR
	12280	GM_M03_B1_D10	GM_M03_B1_D10_MF	
	12281	GM_M03_B1_D10		GM_M03_B1_D10_MR
20	12282	GM_M03_B1_D11	GM_M03_B1_D11_MF	
	12283	GM_M03_B1_D11		GM_M03_B1_D11_MR
	12284	GM_M03_B1_D12	GM_M03_B1_D12_MF	
	12285	GM_M03_B1_D12		GM_M03_B1_D12_MR
	12286	GM_M03_B1_E01	GM_M03_B1_E01_MF	
25	12287	GM_M03_B1_E01		GM_M03_B1_E01_MR
	12288	GM_M03_B1_E02	GM_M03_B1_E02_MF	
	12289	GM_M03_B1_E02		GM_M03_B1_E02_MR
	12290	GM_M03_B1_E03	GM_M03_B1_E03_MF	
	12291	GM_M03_B1_E03		GM_M03_B1_E03_MR
30	12292	GM_M03_B1_E04	GM_M03_B1_E04_MF	
	12293	GM_M03_B1_E04		GM_M03_B1_E04_MR
	12294	GM_M03_B1_E05	GM_M03_B1_E05_MF	
	12295	GM_M03_B1_E05		GM_M03_B1_E05_MR
	12296	GM_M03_B1_E06	GM_M03_B1_E06_MF	
35	12297	GM_M03_B1_E06		GM_M03_B1_E06_MR
	12298	GM_M03_B1_E07		GM_M03_B1_E07_MR
	12299	GM_M03_B1_E08	GM_M03_B1_E08_MF	
	12300	GM_M03_B1_E08		GM_M03_B1_E08_MR
	12301	GM_M03_B1_E09	GM_M03_B1_E09_MF	
40	12302	GM_M03_B1_E09		GM_M03_B1_E09_MR
	12303	GM_M03_B1_E10	GM_M03_B1_E10_MF	
	12304	GM_M03_B1_E10		GM_M03_B1_E10_MR
	12305	GM_M03_B1_E11	GM_M03_B1_E11_MF	
	12306	GM_M03_B1_E11		GM_M03_B1_E11_MR
45	12307	GM_M03_B1_E12	GM_M03_B1_E12_MF	
	12308	GM_M03_B1_E12		GM_M03_B1_E12_MR
	12309	GM_M03_B1_F01	GM_M03_B1_F01_MF	
	12310	GM_M03_B1_F01		GM_M03_B1_F01_MR
	12311	GM_M03_B1_F02		GM_M03_B1_F02_MR
50	12312	GM_M03_B1_F03	GM_M03_B1_F03_MF	
	12313	GM_M03_B1_F03		GM_M03_B1_F03_MR
	12314	GM_M03_B1_F04	GM_M03_B1_F04_MF	
	12315	GM_M03_B1_F04		GM_M03_B1_F04_MR
	12316	GM_M03_B1_F05	GM_M03_B1_F05_MF	
55	12317	GM_M03_B1_F05		GM_M03_B1_F05_MR

	12318	GM_M03_B1_F06	GM_M03_B1_F06_MF	
	12319	GM_M03_B1_F06		GM_M03_B1_F06_MR
	12320	GM_M03_B1_F07	GM_M03_B1_F07_MF	
	12321	GM_M03_B1_F07		GM_M03_B1_F07_MR
5	12322	GM_M03_B1_F08	GM_M03_B1_F08_MF	
	12323	GM_M03_B1_F08		GM_M03_B1_F08_MR
	12324	GM_M03_B1_F09	GM_M03_B1_F09_MF	
	12325	GM_M03_B1_F09		GM_M03_B1_F09_MR
	12326	GM_M03_B1_F10	GM_M03_B1_F10_MF	
10	12327	GM_M03_B1_F10		GM_M03_B1_F10_MR
	12328	GM_M03_B1_F11	GM_M03_B1_F11_MF	
	12329	GM_M03_B1_F11		GM_M03_B1_F11_MR
	12330	GM_M03_B1_F12	GM_M03_B1_F12_MF	
	12331	GM_M03_B1_F12		GM_M03_B1_F12_MR
15	12332	GM_M03_B1_G01	GM_M03_B1_G01_MF	
	12333	GM_M03_B1_G01		GM_M03_B1_G01_MR
	12334	GM_M03_B1_G02		GM_M03_B1_G02_MR
	12335	GM_M03_B1_G03	GM_M03_B1_G03_MF	
	12336	GM_M03_B1_G03		GM_M03_B1_G03_MR
20	12337	GM_M03_B1_G04	GM_M03_B1_G04_MF	
	12338	GM_M03_B1_G04		GM_M03_B1_G04_MR
	12339	GM_M03_B1_G05	GM_M03_B1_G05_MF	
	12340	GM_M03_B1_G05		GM_M03_B1_G05_MR
	12341	GM_M03_B1_G06	GM_M03_B1_G06_MF	
25	12342	GM_M03_B1_G06		GM_M03_B1_G06_MR
	12343	GM_M03_B1_G07	GM_M03_B1_G07_MF	
	12344	GM_M03_B1_G07		GM_M03_B1_G07_MR
	12345	GM_M03_B1_G08	GM_M03_B1_G08_MF	
	12346	GM_M03_B1_G08		GM_M03_B1_G08_MR
30	12347	GM_M03_B1_G09	GM_M03_B1_G09_MF	
	12348	GM_M03_B1_G09		GM_M03_B1_G09_MR
	12349	GM_M03_B1_G10	GM_M03_B1_G10_MF	
	12350	GM_M03_B1_G10		GM_M03_B1_G10_MR
	12351	GM_M03_B1_G11	GM_M03_B1_G11_MF	
35	12352	GM_M03_B1_G12	GM_M03_B1_G12_MF	
	12353	GM_M03_B1_G12		GM_M03_B1_G12_MR
	12354	GM_M03_B1_H01	GM_M03_B1_H01_MF	
	12355	GM_M03_B1_H01		GM_M03_B1_H01_MR
	12356	GM_M03_B1_H02	GM_M03_B1_H02_MF	
40	12357	GM_M03_B1_H02		GM_M03_B1_H02_MR
	12358	GM_M03_B1_H03	GM_M03_B1_H03_MF	
	12359	GM_M03_B1_H03		GM_M03_B1_H03_MR
	12360	GM_M03_B1_H04		GM_M03_B1_H04_MR
	12361	GM_M03_B1_H05	GM_M03_B1_H05_MF	
45	12362	GM_M03_B1_H05		GM_M03_B1_H05_MR
	12363	GM_M03_B1_H06	GM_M03_B1_H06_MF	
	12364	GM_M03_B1_H06		GM_M03_B1_H06_MR
	12365	GM_M03_B1_H07	GM_M03_B1_H07_MF	
	12366	GM_M03_B1_H07		GM_M03_B1_H07_MR
50	12367	GM_M03_B1_H08	GM_M03_B1_H08_MF	
	12368	GM_M03_B1_H08		GM_M03_B1_H08_MR
	12369	GM_M03_B1_H10	GM_M03_B1_H10_MF	
	12370	GM_M03_B1_H10		GM_M03_B1_H10_MR
	12371	GM_M03_B1_H11	GM_M03_B1_H11_MF	
55	12372	GM_M03_B1_H11		GM_M03_B1_H11_MR

	12373	GM_M03_B1_H12	GM_M03_B1_H12_MF	
	12374	GM_M03_B1_H12		GM_M03_B1_H12_MR
	12375	GM_M03_B2_A01		GM_M03_B2_A01_MR
	12376	GM_M03_B2_A02		GM_M03_B2_A02_MR
5	12377	GM_M03_B2_A03		GM_M03_B2_A03_MR
	12378	GM_M03_B2_A04		GM_M03_B2_A04_MR
	12379	GM_M03_B2_A05		GM_M03_B2_A05_MR
	12380	GM_M03_B2_A06		GM_M03_B2_A06_MR
	12381	GM_M03_B2_A07		GM_M03_B2_A07_MR
10	12382	GM_M03_B2_A08		GM_M03_B2_A08_MR
	12383	GM_M03_B2_A09		GM_M03_B2_A09_MR
	12384	GM_M03_B2_A10		GM_M03_B2_A10_MR
	12385	GM_M03_B2_A11		GM_M03_B2_A11_MR
	12386	GM_M03_B2_A12		GM_M03_B2_A12_MR
15	12387	GM_M03_B2_B01		GM_M03_B2_B01_MR
	12388	GM_M03_B2_B02		GM_M03_B2_B02_MR
	12389	GM_M03_B2_B03		GM_M03_B2_B03_MR
	12390	GM_M03_B2_B04		GM_M03_B2_B04_MR
	12391	GM_M03_B2_B05		GM_M03_B2_B05_MR
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	12393	GM_M03_B2_B07		GM_M03_B2_B07_MR
	12394	GM_M03_B2_B08		GM_M03_B2_B08_MR
	12395	GM_M03_B2_B09		GM_M03_B2_B09_MR
	12396	GM_M03_B2_B10		GM_M03_B2_B10_MR
25	12397	GM_M03_B2_B11		GM_M03_B2_B11_MR
	12398	GM_M03_B2_B12		GM_M03_B2_B12_MR
	12399	GM_M03_B2_C01		GM_M03_B2_C01_MR
	12400	GM_M03_B2_C02		GM_M03_B2_C02_MR
	12401	GM_M03_B2_C03		GM_M03_B2_C03_MR
30	12402	GM_M03_B2_C04		GM_M03_B2_C04_MR
	12403	GM_M03_B2_C05		GM_M03_B2_C05_MR
	12404	GM_M03_B2_C06		GM_M03_B2_C06_MR
	12405	GM_M03_B2_C07		GM_M03_B2_C07_MR
	12406	GM_M03_B2_C08		GM_M03_B2_C08_MR
35	12407	GM_M03_B2_C09		GM_M03_B2_C09_MR
	12408	GM_M03_B2_C10		GM_M03_B2_C10_MR
	12409	GM_M03_B2_C11		GM_M03_B2_C11_MR
	12410	GM_M03_B2_C12		GM_M03_B2_C12_MR
	12411	GM_M03_B2_D01		GM_M03_B2_D01_MR
40	12412	GM_M03_B2_D02		GM_M03_B2_D02_MR
	12413	GM_M03_B2_D03		GM_M03_B2_D03_MR
	12414	GM_M03_B2_D04		GM_M03_B2_D04_MR
	12415	GM_M03_B2_D05		GM_M03_B2_D05_MR
	12416	GM_M03_B2_D06		GM_M03_B2_D06_MR
45	12417	GM_M03_B2_D07		GM_M03_B2_D07_MR
	12418	GM_M03_B2_D08		GM_M03_B2_D08_MR
	12419	GM_M03_B2_D09		GM_M03_B2_D09_MR
	12420	GM_M03_B2_D10		GM_M03_B2_D10_MR
	12421	GM_M03_B2_D11		GM_M03_B2_D11_MR
50	12422	GM_M03_B2_D12		GM_M03_B2_D12_MR
	12423	GM_M03_B2_E01		GM_M03_B2_E01_MR
	12424	GM_M03_B2_E02		GM_M03_B2_E02_MR
	12425	GM_M03_B2_E03		GM_M03_B2_E03_MR
	12426	GM_M03_B2_E04		GM_M03_B2_E04_MR
55	12427	GM_M03_B2_E05		GM_M03_B2_E05_MR

	12428	GM_M03_B2_E06	GM_M03_B2_E06_MR
	12429	GM_M03_B2_E07	GM_M03_B2_E07_MR
	12430	GM_M03_B2_E08	GM_M03_B2_E08_MR
	12431	GM_M03_B2_E09	GM_M03_B2_E09_MR
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	12433	GM_M03_B2_E11	GM_M03_B2_E11_MR
	12434	GM_M03_B2_E12	GM_M03_B2_E12_MR
	12435	GM_M03_B2_F01	GM_M03_B2_F01_MR
	12436	GM_M03_B2_F02	GM_M03_B2_F02_MR
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	12438	GM_M03_B2_F04	GM_M03_B2_F04_MR
	12439	GM_M03_B2_F05	GM_M03_B2_F05_MR
	12440	GM_M03_B2_F06	GM_M03_B2_F06_MR
	12441	GM_M03_B2_F07	GM_M03_B2_F07_MR
15	12442	GM_M03_B2_F08	GM_M03_B2_F08_MR
	12443	GM_M03_B2_F09	GM_M03_B2_F09_MR
	12444	GM_M03_B2_F10	GM_M03_B2_F10_MR
	12445	GM_M03_B2_F11	GM_M03_B2_F11_MR
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	12448	GM_M03_B2_G02	GM_M03_B2_G02_MR
	12449	GM_M03_B2_G03	GM_M03_B2_G03_MR
	12450	GM_M03_B2_G04	GM_M03_B2_G04_MR
	12451	GM_M03_B2_G05	GM_M03_B2_G05_MR
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	12454	GM_M03_B2_G09	GM_M03_B2_G09_MR
	12455	GM_M03_B2_G10	GM_M03_B2_G10_MR
	12456	GM_M03_B2_G11	GM_M03_B2_G11_MR
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	12458	GM_M03_B2_H01	GM_M03_B2_H01_MR
	12459	GM_M03_B2_H02	GM_M03_B2_H02_MR
	12460	GM_M03_B2_H03	GM_M03_B2_H03_MR
	12461	GM_M03_B2_H04	GM_M03_B2_H04_MR
35	12462	GM_M03_B2_H05	GM_M03_B2_H05_MR
	12463	GM_M03_B2_H06	GM_M03_B2_H06_MR
	12464	GM_M03_B2_H07	GM_M03_B2_H07_MR
	12465	GM_M03_B2_H08	GM_M03_B2_H08_MR
	12466	GM_M03_B2_H10	GM_M03_B2_H10_MR
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	12468	GM_M03_B2_H12	GM_M03_B2_H12_MR
	12469	GM_M04_A1_A02	GM_M04_A1_A02_MF
	12470	GM_M04_A1_A10	GM_M04_A1_A10_MF
	12471	GM_M04_A1_A12	GM_M04_A1_A12_MF
45	12472	GM_M04_A1_B01	GM_M04_A1_B01_MF
	12473	GM_M04_A1_B02	GM_M04_A1_B02_MF
	12474	GM_M04_A1_B03	GM_M04_A1_B03_MF
	12475	GM_M04_A1_B04	GM_M04_A1_B04_MF
	12476	GM_M04_A1_B06	GM_M04_A1_B06_MF
50	12477	GM_M04_A1_B07	GM_M04_A1_B07_MF
	12478	GM_M04_A1_B08	GM_M04_A1_B08_MF
	12479	GM_M04_A1_B09	GM_M04_A1_B09_MF
	12480	GM_M04_A1_B10	GM_M04_A1_B10_MF
	12481	GM_M04_A1_B11	GM_M04_A1_B11_MF
55	12482	GM_M04_A1_B12	GM_M04_A1_B12_MF

	12483	GM_M04_A1_C01	GM_M04_A1_C01_MF
	12484	GM_M04_A1_C02	GM_M04_A1_C02_MF
	12485	GM_M04_A1_C04	GM_M04_A1_C04_MF
	12486	GM_M04_A1_C05	GM_M04_A1_C05_MF
5	12487	GM_M04_A1_C06	GM_M04_A1_C06_MF
	12488	GM_M04_A1_C07	GM_M04_A1_C07_MF
	12489	GM_M04_A1_C08	GM_M04_A1_C08_MF
	12490	GM_M04_A1_C09	GM_M04_A1_C09_MF
	12491	GM_M04_A1_C10	GM_M04_A1_C10_MF
10	12492	GM_M04_A1_C11	GM_M04_A1_C11_MF
	12493	GM_M04_A1_C12	GM_M04_A1_C12_MF
	12494	GM_M04_A1_D01	GM_M04_A1_D01_MF
	12495	GM_M04_A1_D02	GM_M04_A1_D02_MF
	12496	GM_M04_A1_D03	GM_M04_A1_D03_MF
15	12497	GM_M04_A1_D04	GM_M04_A1_D04_MF
	12498	GM_M04_A1_D05	GM_M04_A1_D05_MF
	12499	GM_M04_A1_D06	GM_M04_A1_D06_MF
	12500	GM_M04_A1_D07	GM_M04_A1_D07_MF
	12501	GM_M04_A1_D08	GM_M04_A1_D08_MF
20	12502	GM_M04_A1_D09	GM_M04_A1_D09_MF
	12503	GM_M04_A1_D11	GM_M04_A1_D11_MF
	12504	GM_M04_A1_D12	GM_M04_A1_D12_MF
	12505	GM_M04_A1_E01	GM_M04_A1_E01_MF
	12506	GM_M04_A1_E02	GM_M04_A1_E02_MF
25	12507	GM_M04_A1_E03	GM_M04_A1_E03_MF
	12508	GM_M04_A1_E04	GM_M04_A1_E04_MF
	12509	GM_M04_A1_E05	GM_M04_A1_E05_MF
	12510	GM_M04_A1_E06	GM_M04_A1_E06_MF
	12511	GM_M04_A1_E07	GM_M04_A1_E07_MF
30	12512	GM_M04_A1_E08	GM_M04_A1_E08_MF
	12513	GM_M04_A1_E11	GM_M04_A1_E11_MF
	12514	GM_M04_A1_E12	GM_M04_A1_E12_MF
	12515	GM_M04_A1_F01	GM_M04_A1_F01_MF
	12516	GM_M04_A1_F02	GM_M04_A1_F02_MF
35	12517	GM_M04_A1_F03	GM_M04_A1_F03_MF
	12518	GM_M04_A1_F04	GM_M04_A1_F04_MF
	12519	GM_M04_A1_F05	GM_M04_A1_F05_MF
	12520	GM_M04_A1_F06	GM_M04_A1_F06_MF
	12521	GM_M04_A1_F07	GM_M04_A1_F07_MF
40	12522	GM_M04_A1_F08	GM_M04_A1_F08_MF
	12523	GM_M04_A1_F09	GM_M04_A1_F09_MF
	12524	GM_M04_A1_F10	GM_M04_A1_F10_MF
	12525	GM_M04_A1_F11	GM_M04_A1_F11_MF
	12526	GM_M04_A1_F12	GM_M04_A1_F12_MF
45	12527	GM_M04_A1_G01	GM_M04_A1_G01_MF
	12528	GM_M04_A1_G02	GM_M04_A1_G02_MF
	12529	GM_M04_A1_G03	GM_M04_A1_G03_MF
	12530	GM_M04_A1_G04	GM_M04_A1_G04_MF
	12531	GM_M04_A1_G05	GM_M04_A1_G05_MF
50	12532	GM_M04_A1_G06	GM_M04_A1_G06_MF
	12533	GM_M04_A1_G07	GM_M04_A1_G07_MF
	12534	GM_M04_A1_G08	GM_M04_A1_G08_MF
	12535	GM_M04_A1_G09	GM_M04_A1_G09_MF
	12536	GM_M04_A1_G10	GM_M04_A1_G10_MF
55	12537	GM_M04_A1_G11	GM_M04_A1_G11_MF

	12538	GM_M04_A1_G12	GM_M04_A1_G12_MF	
	12539	GM_M04_A1_H01	GM_M04_A1_H01_MF	
	12540	GM_M04_A1_H02	GM_M04_A1_H02_MF	
	12541	GM_M04_A1_H03	GM_M04_A1_H03_MF	
5	12542	GM_M04_A1_H04	GM_M04_A1_H04_MF	
	12543	GM_M04_A1_H05	GM_M04_A1_H05_MF	
	12544	GM_M04_A1_H06	GM_M04_A1_H06_MF	
	12545	GM_M04_A1_H07	GM_M04_A1_H07_MF	
	12546	GM_M04_A1_H08	GM_M04_A1_H08_MF	
10	12547	GM_M04_A1_H09	GM_M04_A1_H09_MF	
	12548	GM_M04_A1_H10	GM_M04_A1_H10_MF	
	12549	GM_M04_A1_H12	GM_M04_A1_H12_MF	
	12550	GM_M04_A2_A01	GM_M04_A2_A01_MF	
	12551	GM_M04_A2_A01		GM_M04_A2_A01_MR
15	12552	GM_M04_A2_A02	GM_M04_A2_A02_MF	
	12553	GM_M04_A2_A02		GM_M04_A2_A02_MR
	12554	GM_M04_A2_A03	GM_M04_A2_A03_MF	
	12555	GM_M04_A2_A03		GM_M04_A2_A03_MR
	12556	GM_M04_A2_A04	GM_M04_A2_A04_MF	
20	12557	GM_M04_A2_A04		GM_M04_A2_A04_MR
	12558	GM_M04_A2_A05	GM_M04_A2_A05_MF	
	12559	GM_M04_A2_A05		GM_M04_A2_A05_MR
	12560	GM_M04_A2_A06	GM_M04_A2_A06_MF	
	12561	GM_M04_A2_A06		GM_M04_A2_A06_MR
25	12562	GM_M04_A2_A07	GM_M04_A2_A07_MF	
	12563	GM_M04_A2_A07		GM_M04_A2_A07_MR
	12564	GM_M04_A2_A08	GM_M04_A2_A08_MF	
	12565	GM_M04_A2_A08		GM_M04_A2_A08_MR
	12566	GM_M04_A2_A09	GM_M04_A2_A09_MF	
30	12567	GM_M04_A2_A09		GM_M04_A2_A09_MR
	12568	GM_M04_A2_A10	GM_M04_A2_A10_MF	
	12569	GM_M04_A2_A10		GM_M04_A2_A10_MR
	12570	GM_M04_A2_A11	GM_M04_A2_A11_MF	
	12571	GM_M04_A2_A11		GM_M04_A2_A11_MR
35	12572	GM_M04_A2_A12	GM_M04_A2_A12_MF	
	12573	GM_M04_A2_A12		GM_M04_A2_A12_MR
	12574	GM_M04_A2_B01	GM_M04_A2_B01_MF	
	12575	GM_M04_A2_B01		GM_M04_A2_B01_MR
	12576	GM_M04_A2_B02	GM_M04_A2_B02_MF	
40	12577	GM_M04_A2_B02		GM_M04_A2_B02_MR
	12578	GM_M04_A2_B03	GM_M04_A2_B03_MF	
	12579	GM_M04_A2_B03		GM_M04_A2_B03_MR
	12580	GM_M04_A2_B04	GM_M04_A2_B04_MF	
	12581	GM_M04_A2_B04		GM_M04_A2_B04_MR
45	12582	GM_M04_A2_B05	GM_M04_A2_B05_MF	
	12583	GM_M04_A2_B05		GM_M04_A2_B05_MR
	12584	GM_M04_A2_B06	GM_M04_A2_B06_MF	
	12585	GM_M04_A2_B06		GM_M04_A2_B06_MR
	12586	GM_M04_A2_B07	GM_M04_A2_B07_MF	
50	12587	GM_M04_A2_B07		GM_M04_A2_B07_MR
	12588	GM_M04_A2_B08	GM_M04_A2_B08_MF	
	12589	GM_M04_A2_B08		GM_M04_A2_B08_MR
	12590	GM_M04_A2_B09	GM_M04_A2_B09_MF	
	12591	GM_M04_A2_B09		GM_M04_A2_B09_MR
55	12592	GM_M04_A2_B10	GM_M04_A2_B10_MF	

	12593	GM_M04_A2_B10		GM_M04_A2_B10_MR
	12594	GM_M04_A2_B11	GM_M04_A2_B11_MF	
	12595	GM_M04_A2_B11		GM_M04_A2_B11_MR
	12596	GM_M04_A2_B12	GM_M04_A2_B12_MF	
5	12597	GM_M04_A2_B12		GM_M04_A2_B12_MR
	12598	GM_M04_A2_C02	GM_M04_A2_C02_MF	
	12599	GM_M04_A2_C02		GM_M04_A2_C02_MR
	12600	GM_M04_A2_C03	GM_M04_A2_C03_MF	
	12601	GM_M04_A2_C03		GM_M04_A2_C03_MR
10	12602	GM_M04_A2_C04	GM_M04_A2_C04_MF	
	12603	GM_M04_A2_C04		GM_M04_A2_C04_MR
	12604	GM_M04_A2_C05	GM_M04_A2_C05_MF	
	12605	GM_M04_A2_C05		GM_M04_A2_C05_MR
	12606	GM_M04_A2_C06	GM_M04_A2_C06_MF	
15	12607	GM_M04_A2_C06		GM_M04_A2_C06_MR
	12608	GM_M04_A2_C07	GM_M04_A2_C07_MF	
	12609	GM_M04_A2_C07		GM_M04_A2_C07_MR
	12610	GM_M04_A2_C08	GM_M04_A2_C08_MF	
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20	12612	GM_M04_A2_C09	GM_M04_A2_C09_MF	
	12613	GM_M04_A2_C09		GM_M04_A2_C09_MR
	12614	GM_M04_A2_C10	GM_M04_A2_C10_MF	
	12615	GM_M04_A2_C10		GM_M04_A2_C10_MR
	12616	GM_M04_A2_C11	GM_M04_A2_C11_MF	
25	12617	GM_M04_A2_C11		GM_M04_A2_C11_MR
	12618	GM_M04_A2_C12	GM_M04_A2_C12_MF	
	12619	GM_M04_A2_C12		GM_M04_A2_C12_MR
	12620	GM_M04_A2_D01	GM_M04_A2_D01_MF	
	12621	GM_M04_A2_D01		GM_M04_A2_D01_MR
30	12622	GM_M04_A2_D02	GM_M04_A2_D02_MF	
	12623	GM_M04_A2_D02		GM_M04_A2_D02_MR
	12624	GM_M04_A2_D03	GM_M04_A2_D03_MF	
	12625	GM_M04_A2_D03		GM_M04_A2_D03_MR
	12626	GM_M04_A2_D04	GM_M04_A2_D04_MF	
35	12627	GM_M04_A2_D04		GM_M04_A2_D04_MR
	12628	GM_M04_A2_D05	GM_M04_A2_D05_MF	
	12629	GM_M04_A2_D05		GM_M04_A2_D05_MR
	12630	GM_M04_A2_D06	GM_M04_A2_D06_MF	
	12631	GM_M04_A2_D06		GM_M04_A2_D06_MR
40	12632	GM_M04_A2_D07	GM_M04_A2_D07_MF	
	12633	GM_M04_A2_D07		GM_M04_A2_D07_MR
	12634	GM_M04_A2_D08	GM_M04_A2_D08_MF	
	12635	GM_M04_A2_D08		GM_M04_A2_D08_MR
	12636	GM_M04_A2_D09	GM_M04_A2_D09_MF	
45	12637	GM_M04_A2_D09		GM_M04_A2_D09_MR
	12638	GM_M04_A2_D10	GM_M04_A2_D10_MF	
	12639	GM_M04_A2_D10		GM_M04_A2_D10_MR
	12640	GM_M04_A2_D11	GM_M04_A2_D11_MF	
	12641	GM_M04_A2_D11		GM_M04_A2_D11_MR
50	12642	GM_M04_A2_D12	GM_M04_A2_D12_MF	
	12643	GM_M04_A2_D12		GM_M04_A2_D12_MR
	12644	GM_M04_A2_E01	GM_M04_A2_E01_MF	
	12645	GM_M04_A2_E01		GM_M04_A2_E01_MR
	12646	GM_M04_A2_E02	GM_M04_A2_E02_MF	
55	12647	GM_M04_A2_E02		GM_M04_A2_E02_MR

	12648	GM_M04_A2_E04	GM_M04_A2_E04_MF	
	12649	GM_M04_A2_E04		GM_M04_A2_E04_MR
	12650	GM_M04_A2_E05	GM_M04_A2_E05_MF	
	12651	GM_M04_A2_E05		GM_M04_A2_E05_MR
5	12652	GM_M04_A2_E06	GM_M04_A2_E06_MF	
	12653	GM_M04_A2_E06		GM_M04_A2_E06_MR
	12654	GM_M04_A2_E07	GM_M04_A2_E07_MF	
	12655	GM_M04_A2_E07		GM_M04_A2_E07_MR
	12656	GM_M04_A2_E08	GM_M04_A2_E08_MF	
10	12657	GM_M04_A2_E08		GM_M04_A2_E08_MR
	12658	GM_M04_A2_E09	GM_M04_A2_E09_MF	
	12659	GM_M04_A2_E09		GM_M04_A2_E09_MR
	12660	GM_M04_A2_E10	GM_M04_A2_E10_MF	
	12661	GM_M04_A2_E10		GM_M04_A2_E10_MR
15	12662	GM_M04_A2_E11	GM_M04_A2_E11_MF	
	12663	GM_M04_A2_E11		GM_M04_A2_E11_MR
	12664	GM_M04_A2_E12	GM_M04_A2_E12_MF	
	12665	GM_M04_A2_E12		GM_M04_A2_E12_MR
	12666	GM_M04_A2_F01	GM_M04_A2_F01_MF	
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	12668	GM_M04_A2_F02	GM_M04_A2_F02_MF	
	12669	GM_M04_A2_F02		GM_M04_A2_F02_MR
	12670	GM_M04_A2_F03	GM_M04_A2_F03_MF	
	12671	GM_M04_A2_F03		GM_M04_A2_F03_MR
25	12672	GM_M04_A2_F04	GM_M04_A2_F04_MF	
	12673	GM_M04_A2_F04		GM_M04_A2_F04_MR
	12674	GM_M04_A2_F05	GM_M04_A2_F05_MF	
	12675	GM_M04_A2_F05		GM_M04_A2_F05_MR
	12676	GM_M04_A2_F06	GM_M04_A2_F06_MF	
30	12677	GM_M04_A2_F06		GM_M04_A2_F06_MR
	12678	GM_M04_A2_F07	GM_M04_A2_F07_MF	
	12679	GM_M04_A2_F07		GM_M04_A2_F07_MR
	12680	GM_M04_A2_F08	GM_M04_A2_F08_MF	
	12681	GM_M04_A2_F08		GM_M04_A2_F08_MR
35	12682	GM_M04_A2_F09	GM_M04_A2_F09_MF	
	12683	GM_M04_A2_F09		GM_M04_A2_F09_MR
	12684	GM_M04_A2_F10	GM_M04_A2_F10_MF	
	12685	GM_M04_A2_F10		GM_M04_A2_F10_MR
	12686	GM_M04_A2_F11	GM_M04_A2_F11_MF	
40	12687	GM_M04_A2_F11		GM_M04_A2_F11_MR
	12688	GM_M04_A2_F12	GM_M04_A2_F12_MF	
	12689	GM_M04_A2_F12		GM_M04_A2_F12_MR
	12690	GM_M04_A2_G01	GM_M04_A2_G01_MF	
	12691	GM_M04_A2_G01		GM_M04_A2_G01_MR
45	12692	GM_M04_A2_G02	GM_M04_A2_G02_MF	
	12693	GM_M04_A2_G02		GM_M04_A2_G02_MR
	12694	GM_M04_A2_G03	GM_M04_A2_G03_MF	
	12695	GM_M04_A2_G03		GM_M04_A2_G03_MR
	12696	GM_M04_A2_G04	GM_M04_A2_G04_MF	
50	12697	GM_M04_A2_G04		GM_M04_A2_G04_MR
	12698	GM_M04_A2_G05	GM_M04_A2_G05_MF	
	12699	GM_M04_A2_G05		GM_M04_A2_G05_MR
	12700	GM_M04_A2_G06	GM_M04_A2_G06_MF	
	12701	GM_M04_A2_G06		GM_M04_A2_G06_MR
55	12702	GM_M04_A2_G08	GM_M04_A2_G08_MF	

	12703	GM_M04_A2_G08		GM_M04_A2_G08_MR
	12704	GM_M04_A2_G09	GM_M04_A2_G09_MF	
	12705	GM_M04_A2_G09		GM_M04_A2_G09_MR
	12706	GM_M04_A2_G10	GM_M04_A2_G10_MF	
5	12707	GM_M04_A2_G10		GM_M04_A2_G10_MR
	12708	GM_M04_A2_G11	GM_M04_A2_G11_MF	
	12709	GM_M04_A2_G11		GM_M04_A2_G11_MR
	12710	GM_M04_A2_G12	GM_M04_A2_G12_MF	
	12711	GM_M04_A2_G12		GM_M04_A2_G12_MR
10	12712	GM_M04_A2_H01	GM_M04_A2_H01_MF	
	12713	GM_M04_A2_H01		GM_M04_A2_H01_MR
	12714	GM_M04_A2_H02	GM_M04_A2_H02_MF	
	12715	GM_M04_A2_H02		GM_M04_A2_H02_MR
	12716	GM_M04_A2_H03	GM_M04_A2_H03_MF	
15	12717	GM_M04_A2_H03		GM_M04_A2_H03_MR
	12718	GM_M04_A2_H04	GM_M04_A2_H04_MF	
	12719	GM_M04_A2_H04		GM_M04_A2_H04_MR
	12720	GM_M04_A2_H05	GM_M04_A2_H05_MF	
	12721	GM_M04_A2_H05		GM_M04_A2_H05_MR
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	12723	GM_M04_A2_H06		GM_M04_A2_H06_MR
	12724	GM_M04_A2_H07	GM_M04_A2_H07_MF	
	12725	GM_M04_A2_H07		GM_M04_A2_H07_MR
	12726	GM_M04_A2_H08	GM_M04_A2_H08_MF	
25	12727	GM_M04_A2_H08		GM_M04_A2_H08_MR
	12728	GM_M04_A2_H09	GM_M04_A2_H09_MF	
	12729	GM_M04_A2_H09		GM_M04_A2_H09_MR
	12730	GM_M04_A2_H10	GM_M04_A2_H10_MF	
	12731	GM_M04_A2_H10		GM_M04_A2_H10_MR
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	12733	GM_M04_A2_H11		GM_M04_A2_H11_MR
	12734	GM_M04_A2_H12	GM_M04_A2_H12_MF	
	12735	GM_M04_A2_H12		GM_M04_A2_H12_MR
	12736	GM_M04_B1_A01	GM_M04_B1_A01_MF	
35	12737	GM_M04_B1_A01		GM_M04_B1_A01_MR
	12738	GM_M04_B1_A03	GM_M04_B1_A03_MF	
	12739	GM_M04_B1_A03		GM_M04_B1_A03_MR
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	12744	GM_M04_B1_A06	GM_M04_B1_A06_MF	
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	12746	GM_M04_B1_A07	GM_M04_B1_A07_MF	
45	12747	GM_M04_B1_A07		GM_M04_B1_A07_MR
	12748	GM_M04_B1_A08	GM_M04_B1_A08_MF	
	12749	GM_M04_B1_A08		GM_M04_B1_A08_MR
	12750	GM_M04_B1_A09	GM_M04_B1_A09_MF	
	12751	GM_M04_B1_A09		GM_M04_B1_A09_MR
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	12754	GM_M04_B1_A11	GM_M04_B1_A11_MF	
	12755	GM_M04_B1_A11		GM_M04_B1_A11_MR
	12756	GM_M04_B1_B01	GM_M04_B1_B01_MF	
55	12757	GM_M04_B1_B01		GM_M04_B1_B01_MR

	12758	GM_M04_B1_B02	GM_M04_B1_B02_MF	
	12759	GM_M04_B1_B02		GM_M04_B1_B02_MR
	12760	GM_M04_B1_B03	GM_M04_B1_B03_MF	
	12761	GM_M04_B1_B03		GM_M04_B1_B03_MR
5	12762	GM_M04_B1_B04	GM_M04_B1_B04_MF	
	12763	GM_M04_B1_B04		GM_M04_B1_B04_MR
	12764	GM_M04_B1_B05	GM_M04_B1_B05_MF	
	12765	GM_M04_B1_B05		GM_M04_B1_B05_MR
	12766	GM_M04_B1_B06	GM_M04_B1_B06_MF	
10	12767	GM_M04_B1_B07	GM_M04_B1_B07_MF	
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	12769	GM_M04_B1_B08	GM_M04_B1_B08_MF	
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	12771	GM_M04_B1_B09	GM_M04_B1_B09_MF	
15	12772	GM_M04_B1_B09		GM_M04_B1_B09_MR
	12773	GM_M04_B1_B10	GM_M04_B1_B10_MF	
	12774	GM_M04_B1_B10		GM_M04_B1_B10_MR
	12775	GM_M04_B1_B11	GM_M04_B1_B11_MF	
	12776	GM_M04_B1_B11		GM_M04_B1_B11_MR
20	12777	GM_M04_B1_B12	GM_M04_B1_B12_MF	
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	12779	GM_M04_B1_C01	GM_M04_B1_C01_MF	
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	12781	GM_M04_B1_C02	GM_M04_B1_C02_MF	
25	12782	GM_M04_B1_C03	GM_M04_B1_C03_MF	
	12783	GM_M04_B1_C03		GM_M04_B1_C03_MR
	12784	GM_M04_B1_C04	GM_M04_B1_C04_MF	
	12785	GM_M04_B1_C04		GM_M04_B1_C04_MR
	12786	GM_M04_B1_C05	GM_M04_B1_C05_MF	
30	12787	GM_M04_B1_C05		GM_M04_B1_C05_MR
	12788	GM_M04_B1_C06	GM_M04_B1_C06_MF	
	12789	GM_M04_B1_C06		GM_M04_B1_C06_MR
	12790	GM_M04_B1_C07	GM_M04_B1_C07_MF	
	12791	GM_M04_B1_C07		GM_M04_B1_C07_MR
35	12792	GM_M04_B1_C08	GM_M04_B1_C08_MF	
	12793	GM_M04_B1_C08		GM_M04_B1_C08_MR
	12794	GM_M04_B1_C09	GM_M04_B1_C09_MF	
	12795	GM_M04_B1_C09		GM_M04_B1_C09_MR
	12796	GM_M04_B1_C10	GM_M04_B1_C10_MF	
40	12797	GM_M04_B1_C10		GM_M04_B1_C10_MR
	12798	GM_M04_B1_C11	GM_M04_B1_C11_MF	
	12799	GM_M04_B1_C11		GM_M04_B1_C11_MR
	12800	GM_M04_B1_C12	GM_M04_B1_C12_MF	
	12801	GM_M04_B1_C12		GM_M04_B1_C12_MR
45	12802	GM_M04_B1_D01	GM_M04_B1_D01_MF	
	12803	GM_M04_B1_D01		GM_M04_B1_D01_MR
	12804	GM_M04_B1_D02	GM_M04_B1_D02_MF	
	12805	GM_M04_B1_D02		GM_M04_B1_D02_MR
	12806	GM_M04_B1_D03	GM_M04_B1_D03_MF	
50	12807	GM_M04_B1_D03		GM_M04_B1_D03_MR
	12808	GM_M04_B1_D04	GM_M04_B1_D04_MF	
	12809	GM_M04_B1_D04		GM_M04_B1_D04_MR
	12810	GM_M04_B1_D05	GM_M04_B1_D05_MF	
	12811	GM_M04_B1_D05		GM_M04_B1_D05_MR
55	12812	GM_M04_B1_D07	GM_M04_B1_D07_MF	

	12813	GM_M04_B1_D07		GM_M04_B1_D07_MR
	12814	GM_M04_B1_D08	GM_M04_B1_D08_MF	
	12815	GM_M04_B1_D08		GM_M04_B1_D08_MR
	12816	GM_M04_B1_D09	GM_M04_B1_D09_MF	
5	12817	GM_M04_B1_D09		GM_M04_B1_D09_MR
	12818	GM_M04_B1_D10	GM_M04_B1_D10_MF	
	12819	GM_M04_B1_D10		GM_M04_B1_D10_MR
	12820	GM_M04_B1_D11	GM_M04_B1_D11_MF	
	12821	GM_M04_B1_D11		GM_M04_B1_D11_MR
10	12822	GM_M04_B1_D12	GM_M04_B1_D12_MF	
	12823	GM_M04_B1_D12		GM_M04_B1_D12_MR
	12824	GM_M04_B1_E01	GM_M04_B1_E01_MF	
	12825	GM_M04_B1_E01		GM_M04_B1_E01_MR
	12826	GM_M04_B1_E02	GM_M04_B1_E02_MF	
15	12827	GM_M04_B1_E02		GM_M04_B1_E02_MR
	12828	GM_M04_B1_E03	GM_M04_B1_E03_MF	
	12829	GM_M04_B1_E03		GM_M04_B1_E03_MR
	12830	GM_M04_B1_E04	GM_M04_B1_E04_MF	
	12831	GM_M04_B1_E04		GM_M04_B1_E04_MR
20	12832	GM_M04_B1_E05	GM_M04_B1_E05_MF	
	12833	GM_M04_B1_E05		GM_M04_B1_E05_MR
	12834	GM_M04_B1_E06	GM_M04_B1_E06_MF	
	12835	GM_M04_B1_E06		GM_M04_B1_E06_MR
	12836	GM_M04_B1_E07	GM_M04_B1_E07_MF	
25	12837	GM_M04_B1_E07		GM_M04_B1_E07_MR
	12838	GM_M04_B1_E08	GM_M04_B1_E08_MF	
	12839	GM_M04_B1_E09	GM_M04_B1_E09_MF	
	12840	GM_M04_B1_E09		GM_M04_B1_E09_MR
	12841	GM_M04_B1_E10	GM_M04_B1_E10_MF	
30	12842	GM_M04_B1_E10		GM_M04_B1_E10_MR
	12843	GM_M04_B1_E11	GM_M04_B1_E11_MF	
	12844	GM_M04_B1_E11		GM_M04_B1_E11_MR
	12845	GM_M04_B1_E12	GM_M04_B1_E12_MF	
	12846	GM_M04_B1_E12		GM_M04_B1_E12_MR
35	12847	GM_M04_B1_F01	GM_M04_B1_F01_MF	
	12848	GM_M04_B1_F01		GM_M04_B1_F01_MR
	12849	GM_M04_B1_F02	GM_M04_B1_F02_MF	
	12850	GM_M04_B1_F02		GM_M04_B1_F02_MR
	12851	GM_M04_B1_F03	GM_M04_B1_F03_MF	
40	12852	GM_M04_B1_F03		GM_M04_B1_F03_MR
	12853	GM_M04_B1_F04	GM_M04_B1_F04_MF	
	12854	GM_M04_B1_F04		GM_M04_B1_F04_MR
	12855	GM_M04_B1_F05	GM_M04_B1_F05_MF	
	12856	GM_M04_B1_F05		GM_M04_B1_F05_MR
45	12857	GM_M04_B1_F06	GM_M04_B1_F06_MF	
	12858	GM_M04_B1_F06		GM_M04_B1_F06_MR
	12859	GM_M04_B1_F07	GM_M04_B1_F07_MF	
	12860	GM_M04_B1_F07		GM_M04_B1_F07_MR
	12861	GM_M04_B1_F08	GM_M04_B1_F08_MF	
50	12862	GM_M04_B1_F08		GM_M04_B1_F08_MR
	12863	GM_M04_B1_F09	GM_M04_B1_F09_MF	
	12864	GM_M04_B1_F09		GM_M04_B1_F09_MR
	12865	GM_M04_B1_F10	GM_M04_B1_F10_MF	
	12866	GM_M04_B1_F11	GM_M04_B1_F11_MF	
55	12867	GM_M04_B1_F11		GM_M04_B1_F11_MR

	12868	GM_M04_B1_F12	GM_M04_B1_F12_MF	
	12869	GM_M04_B1_F12		GM_M04_B1_F12_MR
	12870	GM_M04_B1_G01	GM_M04_B1_G01_MF	
	12871	GM_M04_B1_G01		GM_M04_B1_G01_MR
5	12872	GM_M04_B1_G02	GM_M04_B1_G02_MF	
	12873	GM_M04_B1_G02		GM_M04_B1_G02_MR
	12874	GM_M04_B1_G03	GM_M04_B1_G03_MF	
	12875	GM_M04_B1_G03		GM_M04_B1_G03_MR
	12876	GM_M04_B1_G04	GM_M04_B1_G04_MF	
10	12877	GM_M04_B1_G04		GM_M04_B1_G04_MR
	12878	GM_M04_B1_G05	GM_M04_B1_G05_MF	
	12879	GM_M04_B1_G05		GM_M04_B1_G05_MR
	12880	GM_M04_B1_G06	GM_M04_B1_G06_MF	
	12881	GM_M04_B1_G06		GM_M04_B1_G06_MR
15	12882	GM_M04_B1_G07	GM_M04_B1_G07_MF	
	12883	GM_M04_B1_G07		GM_M04_B1_G07_MR
	12884	GM_M04_B1_G08	GM_M04_B1_G08_MF	
	12885	GM_M04_B1_G08		GM_M04_B1_G08_MR
	12886	GM_M04_B1_G09	GM_M04_B1_G09_MF	
20	12887	GM_M04_B1_G09		GM_M04_B1_G09_MR
	12888	GM_M04_B1_G10	GM_M04_B1_G10_MF	
	12889	GM_M04_B1_G10		GM_M04_B1_G10_MR
	12890	GM_M04_B1_G11	GM_M04_B1_G11_MF	
	12891	GM_M04_B1_G11		GM_M04_B1_G11_MR
25	12892	GM_M04_B1_G12	GM_M04_B1_G12_MF	
	12893	GM_M04_B1_G12		GM_M04_B1_G12_MR
	12894	GM_M04_B1_H01	GM_M04_B1_H01_MF	
	12895	GM_M04_B1_H01		GM_M04_B1_H01_MR
	12896	GM_M04_B1_H02	GM_M04_B1_H02_MF	
30	12897	GM_M04_B1_H02		GM_M04_B1_H02_MR
	12898	GM_M04_B1_H03	GM_M04_B1_H03_MF	
	12899	GM_M04_B1_H03		GM_M04_B1_H03_MR
	12900	GM_M04_B1_H04	GM_M04_B1_H04_MF	
	12901	GM_M04_B1_H04		GM_M04_B1_H04_MR
35	12902	GM_M04_B1_H05	GM_M04_B1_H05_MF	
	12903	GM_M04_B1_H05		GM_M04_B1_H05_MR
	12904	GM_M04_B1_H06	GM_M04_B1_H06_MF	
	12905	GM_M04_B1_H06		GM_M04_B1_H06_MR
	12906	GM_M04_B1_H07	GM_M04_B1_H07_MF	
40	12907	GM_M04_B1_H07		GM_M04_B1_H07_MR
	12908	GM_M04_B1_H08	GM_M04_B1_H08_MF	
	12909	GM_M04_B1_H08		GM_M04_B1_H08_MR
	12910	GM_M04_B1_H09	GM_M04_B1_H09_MF	
	12911	GM_M04_B1_H09		GM_M04_B1_H09_MR
45	12912	GM_M04_B1_H10	GM_M04_B1_H10_MF	
	12913	GM_M04_B1_H10		GM_M04_B1_H10_MR
	12914	GM_M04_B1_H11	GM_M04_B1_H11_MF	
	12915	GM_M04_B1_H11		GM_M04_B1_H11_MR
	12916	GM_M04_B1_H12	GM_M04_B1_H12_MF	
50	12917	GM_M04_B1_H12		GM_M04_B1_H12_MR
	12918	GM_M04_B2_A01	GM_M04_B2_A01_MF	
	12919	GM_M04_B2_A01		GM_M04_B2_A01_MR
	12920	GM_M04_B2_A02	GM_M04_B2_A02_MF	
	12921	GM_M04_B2_A02		GM_M04_B2_A02_MR
55	12922	GM_M04_B2_A03	GM_M04_B2_A03_MF	

	12923	GM_M04_B2_A03		GM_M04_B2_A03_MR
	12924	GM_M04_B2_A04	GM_M04_B2_A04_MF	
	12925	GM_M04_B2_A04		GM_M04_B2_A04_MR
	12926	GM_M04_B2_A05	GM_M04_B2_A05_MF	
5	12927	GM_M04_B2_A05		GM_M04_B2_A05_MR
	12928	GM_M04_B2_A06	GM_M04_B2_A06_MF	
	12929	GM_M04_B2_A06		GM_M04_B2_A06_MR
	12930	GM_M04_B2_A07	GM_M04_B2_A07_MF	
	12931	GM_M04_B2_A07		GM_M04_B2_A07_MR
10	12932	GM_M04_B2_A09	GM_M04_B2_A09_MF	
	12933	GM_M04_B2_A09		GM_M04_B2_A09_MR
	12934	GM_M04_B2_A10	GM_M04_B2_A10_MF	
	12935	GM_M04_B2_A10		GM_M04_B2_A10_MR
	12936	GM_M04_B2_A11	GM_M04_B2_A11_MF	
15	12937	GM_M04_B2_A11		GM_M04_B2_A11_MR
	12938	GM_M04_B2_A12	GM_M04_B2_A12_MF	
	12939	GM_M04_B2_A12		GM_M04_B2_A12_MR
	12940	GM_M04_B2_B01	GM_M04_B2_B01_MF	
	12941	GM_M04_B2_B01		GM_M04_B2_B01_MR
20	12942	GM_M04_B2_B03	GM_M04_B2_B03_MF	
	12943	GM_M04_B2_B03		GM_M04_B2_B03_MR
	12944	GM_M04_B2_B04	GM_M04_B2_B04_MF	
	12945	GM_M04_B2_B04		GM_M04_B2_B04_MR
	12946	GM_M04_B2_B05	GM_M04_B2_B05_MF	
25	12947	GM_M04_B2_B05		GM_M04_B2_B05_MR
	12948	GM_M04_B2_B06	GM_M04_B2_B06_MF	
	12949	GM_M04_B2_B06		GM_M04_B2_B06_MR
	12950	GM_M04_B2_B07	GM_M04_B2_B07_MF	
	12951	GM_M04_B2_B07		GM_M04_B2_B07_MR
30	12952	GM_M04_B2_B08	GM_M04_B2_B08_MF	
	12953	GM_M04_B2_B08		GM_M04_B2_B08_MR
	12954	GM_M04_B2_B09	GM_M04_B2_B09_MF	
	12955	GM_M04_B2_B09		GM_M04_B2_B09_MR
	12956	GM_M04_B2_B10	GM_M04_B2_B10_MF	
35	12957	GM_M04_B2_B10		GM_M04_B2_B10_MR
	12958	GM_M04_B2_B11	GM_M04_B2_B11_MF	
	12959	GM_M04_B2_B11		GM_M04_B2_B11_MR
	12960	GM_M04_B2_B12	GM_M04_B2_B12_MF	
	12961	GM_M04_B2_B12		GM_M04_B2_B12_MR
40	12962	GM_M04_B2_C01	GM_M04_B2_C01_MF	
	12963	GM_M04_B2_C01		GM_M04_B2_C01_MR
	12964	GM_M04_B2_C02	GM_M04_B2_C02_MF	
	12965	GM_M04_B2_C02		GM_M04_B2_C02_MR
	12966	GM_M04_B2_C03	GM_M04_B2_C03_MF	
45	12967	GM_M04_B2_C03		GM_M04_B2_C03_MR
	12968	GM_M04_B2_C04	GM_M04_B2_C04_MF	
	12969	GM_M04_B2_C04		GM_M04_B2_C04_MR
	12970	GM_M04_B2_C05	GM_M04_B2_C05_MF	
	12971	GM_M04_B2_C05		GM_M04_B2_C05_MR
50	12972	GM_M04_B2_C06	GM_M04_B2_C06_MF	
	12973	GM_M04_B2_C06		GM_M04_B2_C06_MR
	12974	GM_M04_B2_C07	GM_M04_B2_C07_MF	
	12975	GM_M04_B2_C07		GM_M04_B2_C07_MR
	12976	GM_M04_B2_C08	GM_M04_B2_C08_MF	
55	12977	GM_M04_B2_C08		GM_M04_B2_C08_MR

	12978	GM_M04_B2_C09	GM_M04_B2_C09_MF	
	12979	GM_M04_B2_C09		GM_M04_B2_C09_MR
	12980	GM_M04_B2_C10	GM_M04_B2_C10_MF	
	12981	GM_M04_B2_C10		GM_M04_B2_C10_MR
5	12982	GM_M04_B2_C11	GM_M04_B2_C11_MF	
	12983	GM_M04_B2_C11		GM_M04_B2_C11_MR
	12984	GM_M04_B2_C12	GM_M04_B2_C12_MF	
	12985	GM_M04_B2_C12		GM_M04_B2_C12_MR
	12986	GM_M04_B2_D01	GM_M04_B2_D01_MF	
10	12987	GM_M04_B2_D01		GM_M04_B2_D01_MR
	12988	GM_M04_B2_D02	GM_M04_B2_D02_MF	
	12989	GM_M04_B2_D02		GM_M04_B2_D02_MR
	12990	GM_M04_B2_D03	GM_M04_B2_D03_MF	
	12991	GM_M04_B2_D03		GM_M04_B2_D03_MR
15	12992	GM_M04_B2_D04	GM_M04_B2_D04_MF	
	12993	GM_M04_B2_D04		GM_M04_B2_D04_MR
	12994	GM_M04_B2_D05	GM_M04_B2_D05_MF	
	12995	GM_M04_B2_D05		GM_M04_B2_D05_MR
	12996	GM_M04_B2_D06	GM_M04_B2_D06_MF	
20	12997	GM_M04_B2_D06		GM_M04_B2_D06_MR
	12998	GM_M04_B2_D07	GM_M04_B2_D07_MF	
	12999	GM_M04_B2_D07		GM_M04_B2_D07_MR
	13000	GM_M04_B2_D08	GM_M04_B2_D08_MF	
	13001	GM_M04_B2_D09	GM_M04_B2_D09_MF	
25	13002	GM_M04_B2_D09		GM_M04_B2_D09_MR
	13003	GM_M04_B2_D10	GM_M04_B2_D10_MF	
	13004	GM_M04_B2_D10		GM_M04_B2_D10_MR
	13005	GM_M04_B2_D11	GM_M04_B2_D11_MF	
	13006	GM_M04_B2_D11		GM_M04_B2_D11_MR
30	13007	GM_M04_B2_D12	GM_M04_B2_D12_MF	
	13008	GM_M04_B2_D12		GM_M04_B2_D12_MR
	13009	GM_M04_B2_E01	GM_M04_B2_E01_MF	
	13010	GM_M04_B2_E01		GM_M04_B2_E01_MR
	13011	GM_M04_B2_E02	GM_M04_B2_E02_MF	
35	13012	GM_M04_B2_E02		GM_M04_B2_E02_MR
	13013	GM_M04_B2_E03	GM_M04_B2_E03_MF	
	13014	GM_M04_B2_E03		GM_M04_B2_E03_MR
	13015	GM_M04_B2_E04	GM_M04_B2_E04_MF	
	13016	GM_M04_B2_E04		GM_M04_B2_E04_MR
40	13017	GM_M04_B2_E05	GM_M04_B2_E05_MF	
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	13019	GM_M04_B2_E06	GM_M04_B2_E06_MF	
	13020	GM_M04_B2_E06		GM_M04_B2_E06_MR
	13021	GM_M04_B2_E07	GM_M04_B2_E07_MF	
45	13022	GM_M04_B2_E07		GM_M04_B2_E07_MR
	13023	GM_M04_B2_E08	GM_M04_B2_E08_MF	
	13024	GM_M04_B2_E08		GM_M04_B2_E08_MR
	13025	GM_M04_B2_E09	GM_M04_B2_E09_MF	
	13026	GM_M04_B2_E09		GM_M04_B2_E09_MR
50	13027	GM_M04_B2_E10	GM_M04_B2_E10_MF	
	13028	GM_M04_B2_E10		GM_M04_B2_E10_MR
	13029	GM_M04_B2_E11	GM_M04_B2_E11_MF	
	13030	GM_M04_B2_E11		GM_M04_B2_E11_MR
	13031	GM_M04_B2_E12	GM_M04_B2_E12_MF	
55	13032	GM_M04_B2_E12		GM_M04_B2_E12_MR

	13033	GM_M04_B2_F01	GM_M04_B2_F01_MF	
	13034	GM_M04_B2_F01		GM_M04_B2_F01_MR
	13035	GM_M04_B2_F02	GM_M04_B2_F02_MF	
	13036	GM_M04_B2_F02		GM_M04_B2_F02_MR
5	13037	GM_M04_B2_F03	GM_M04_B2_F03_MF	
	13038	GM_M04_B2_F03		GM_M04_B2_F03_MR
	13039	GM_M04_B2_F04	GM_M04_B2_F04_MF	
	13040	GM_M04_B2_F04		GM_M04_B2_F04_MR
	13041	GM_M04_B2_F05	GM_M04_B2_F05_MF	
10	13042	GM_M04_B2_F05		GM_M04_B2_F05_MR
	13043	GM_M04_B2_F06	GM_M04_B2_F06_MF	
	13044	GM_M04_B2_F06		GM_M04_B2_F06_MR
	13045	GM_M04_B2_F07	GM_M04_B2_F07_MF	
	13046	GM_M04_B2_F07		GM_M04_B2_F07_MR
15	13047	GM_M04_B2_F08	GM_M04_B2_F08_MF	
	13048	GM_M04_B2_F08		GM_M04_B2_F08_MR
	13049	GM_M04_B2_F09	GM_M04_B2_F09_MF	
	13050	GM_M04_B2_F09		GM_M04_B2_F09_MR
	13051	GM_M04_B2_F10	GM_M04_B2_F10_MF	
20	13052	GM_M04_B2_F10		GM_M04_B2_F10_MR
	13053	GM_M04_B2_F11	GM_M04_B2_F11_MF	
	13054	GM_M04_B2_F11		GM_M04_B2_F11_MR
	13055	GM_M04_B2_F12	GM_M04_B2_F12_MF	
	13056	GM_M04_B2_F12		GM_M04_B2_F12_MR
25	13057	GM_M04_B2_G01	GM_M04_B2_G01_MF	
	13058	GM_M04_B2_G01		GM_M04_B2_G01_MR
	13059	GM_M04_B2_G02	GM_M04_B2_G02_MF	
	13060	GM_M04_B2_G02		GM_M04_B2_G02_MR
	13061	GM_M04_B2_G03	GM_M04_B2_G03_MF	
30	13062	GM_M04_B2_G03		GM_M04_B2_G03_MR
	13063	GM_M04_B2_G04	GM_M04_B2_G04_MF	
	13064	GM_M04_B2_G04		GM_M04_B2_G04_MR
	13065	GM_M04_B2_G05	GM_M04_B2_G05_MF	
	13066	GM_M04_B2_G05		GM_M04_B2_G05_MR
35	13067	GM_M04_B2_G06	GM_M04_B2_G06_MF	
	13068	GM_M04_B2_G06		GM_M04_B2_G06_MR
	13069	GM_M04_B2_G07	GM_M04_B2_G07_MF	
	13070	GM_M04_B2_G07		GM_M04_B2_G07_MR
	13071	GM_M04_B2_G08	GM_M04_B2_G08_MF	
40	13072	GM_M04_B2_G08		GM_M04_B2_G08_MR
	13073	GM_M04_B2_G09	GM_M04_B2_G09_MF	
	13074	GM_M04_B2_G09		GM_M04_B2_G09_MR
	13075	GM_M04_B2_G10	GM_M04_B2_G10_MF	
	13076	GM_M04_B2_G10		GM_M04_B2_G10_MR
45	13077	GM_M04_B2_G11	GM_M04_B2_G11_MF	
	13078	GM_M04_B2_G11		GM_M04_B2_G11_MR
	13079	GM_M04_B2_G12	GM_M04_B2_G12_MF	
	13080	GM_M04_B2_G12		GM_M04_B2_G12_MR
	13081	GM_M04_B2_H01	GM_M04_B2_H01_MF	
50	13082	GM_M04_B2_H01		GM_M04_B2_H01_MR
	13083	GM_M04_B2_H03	GM_M04_B2_H03_MF	
	13084	GM_M04_B2_H03		GM_M04_B2_H03_MR
	13085	GM_M04_B2_H04	GM_M04_B2_H04_MF	
	13086	GM_M04_B2_H04		GM_M04_B2_H04_MR
55	13087	GM_M04_B2_H05	GM_M04_B2_H05_MF	

	13088	GM_M04_B2_H05		GM_M04_B2_H05_MR
	13089	GM_M04_B2_H06	GM_M04_B2_H06_MF	
	13090	GM_M04_B2_H06		GM_M04_B2_H06_MR
	13091	GM_M04_B2_H07	GM_M04_B2_H07_MF	
5	13092	GM_M04_B2_H07		GM_M04_B2_H07_MR
	13093	GM_M04_B2_H08	GM_M04_B2_H08_MF	
	13094	GM_M04_B2_H08		GM_M04_B2_H08_MR
	13095	GM_M04_B2_H09	GM_M04_B2_H09_MF	
	13096	GM_M04_B2_H09		GM_M04_B2_H09_MR
10	13097	GM_M04_B2_H10	GM_M04_B2_H10_MF	
	13098	GM_M04_B2_H10		GM_M04_B2_H10_MR
	13099	GM_M04_B2_H11	GM_M04_B2_H11_MF	
	13100	GM_M04_B2_H11		GM_M04_B2_H11_MR
	13101	GM_M04_B2_H12	GM_M04_B2_H12_MF	
15	13102	GM_M04_B2_H12		GM_M04_B2_H12_MR
	13103	GM_M05_A1_A02		GM_M05_A1_A02_MR
	13104	GM_M05_A1_A03		GM_M05_A1_A03_MR
	13105	GM_M05_A1_A04		GM_M05_A1_A04_MR
	13106	GM_M05_A1_A05		GM_M05_A1_A05_MR
20	13107	GM_M05_A1_A09		GM_M05_A1_A09_MR
	13108	GM_M05_A1_A11		GM_M05_A1_A11_MR
	13109	GM_M05_A1_A12		GM_M05_A1_A12_MR
	13110	GM_M05_A1_B01		GM_M05_A1_B01_MR
	13111	GM_M05_A1_B03		GM_M05_A1_B03_MR
25	13112	GM_M05_A1_B04		GM_M05_A1_B04_MR
	13113	GM_M05_A1_B05		GM_M05_A1_B05_MR
	13114	GM_M05_A1_B08		GM_M05_A1_B08_MR
	13115	GM_M05_A1_B09		GM_M05_A1_B09_MR
	13116	GM_M05_A1_B11		GM_M05_A1_B11_MR
30	13117	GM_M05_A1_B12		GM_M05_A1_B12_MR
	13118	GM_M05_A1_C01		GM_M05_A1_C01_MR
	13119	GM_M05_A1_C02		GM_M05_A1_C02_MR
	13120	GM_M05_A1_C03		GM_M05_A1_C03_MR
	13121	GM_M05_A1_C04		GM_M05_A1_C04_MR
35	13122	GM_M05_A1_C05		GM_M05_A1_C05_MR
	13123	GM_M05_A1_C07		GM_M05_A1_C07_MR
	13124	GM_M05_A1_C08		GM_M05_A1_C08_MR
	13125	GM_M05_A1_C09		GM_M05_A1_C09_MR
	13126	GM_M05_A1_C10		GM_M05_A1_C10_MR
40	13127	GM_M05_A1_C11		GM_M05_A1_C11_MR
	13128	GM_M05_A1_C12		GM_M05_A1_C12_MR
	13129	GM_M05_A1_D02		GM_M05_A1_D02_MR
	13130	GM_M05_A1_D03		GM_M05_A1_D03_MR
	13131	GM_M05_A1_D04		GM_M05_A1_D04_MR
45	13132	GM_M05_A1_D05		GM_M05_A1_D05_MR
	13133	GM_M05_A1_D06		GM_M05_A1_D06_MR
	13134	GM_M05_A1_D07		GM_M05_A1_D07_MR
	13135	GM_M05_A1_D08		GM_M05_A1_D08_MR
	13136	GM_M05_A1_D09		GM_M05_A1_D09_MR
50	13137	GM_M05_A1_D10		GM_M05_A1_D10_MR
	13138	GM_M05_A1_D11		GM_M05_A1_D11_MR
	13139	GM_M05_A1_D12		GM_M05_A1_D12_MR
	13140	GM_M05_A1_E01		GM_M05_A1_E01_MR
	13141	GM_M05_A1_E03		GM_M05_A1_E03_MR
55	13142	GM_M05_A1_E05		GM_M05_A1_E05_MR

	13143	GM_M05_A1_E07	GM_M05_A1_E07_MR
	13144	GM_M05_A1_E08	GM_M05_A1_E08_MR
	13145	GM_M05_A1_E11	GM_M05_A1_E11_MR
	13146	GM_M05_A1_E12	GM_M05_A1_E12_MR
5	13147	GM_M05_A1_F02	GM_M05_A1_F02_MR
	13148	GM_M05_A1_F03	GM_M05_A1_F03_MR
	13149	GM_M05_A1_F04	GM_M05_A1_F04_MR
	13150	GM_M05_A1_F05	GM_M05_A1_F05_MR
	13151	GM_M05_A1_F06	GM_M05_A1_F06_MR
10	13152	GM_M05_A1_F07	GM_M05_A1_F07_MR
	13153	GM_M05_A1_F08	GM_M05_A1_F08_MR
	13154	GM_M05_A1_F09	GM_M05_A1_F09_MR
	13155	GM_M05_A1_F10	GM_M05_A1_F10_MR
	13156	GM_M05_A1_F11	GM_M05_A1_F11_MR
15	13157	GM_M05_A1_F12	GM_M05_A1_F12_MR
	13158	GM_M05_A1_G01	GM_M05_A1_G01_MR
	13159	GM_M05_A1_G02	GM_M05_A1_G02_MR
	13160	GM_M05_A1_G03	GM_M05_A1_G03_MR
	13161	GM_M05_A1_G04	GM_M05_A1_G04_MR
20	13162	GM_M05_A1_G05	GM_M05_A1_G05_MR
	13163	GM_M05_A1_G06	GM_M05_A1_G06_MR
	13164	GM_M05_A1_G07	GM_M05_A1_G07_MR
	13165	GM_M05_A1_G08	GM_M05_A1_G08_MR
	13166	GM_M05_A1_G09	GM_M05_A1_G09_MR
25	13167	GM_M05_A1_G10	GM_M05_A1_G10_MR
	13168	GM_M05_A1_G11	GM_M05_A1_G11_MR
	13169	GM_M05_A1_G12	GM_M05_A1_G12_MR
	13170	GM_M05_A1_H01	GM_M05_A1_H01_MR
	13171	GM_M05_A1_H02	GM_M05_A1_H02_MR
30	13172	GM_M05_A1_H03	GM_M05_A1_H03_MR
	13173	GM_M05_A1_H04	GM_M05_A1_H04_MR
	13174	GM_M05_A1_H05	GM_M05_A1_H05_MR
	13175	GM_M05_A1_H06	GM_M05_A1_H06_MR
	13176	GM_M05_A1_H07	GM_M05_A1_H07_MR
35	13177	GM_M05_A1_H08	GM_M05_A1_H08_MR
	13178	GM_M05_A1_H09	GM_M05_A1_H09_MR
	13179	GM_M05_A1_H10	GM_M05_A1_H10_MR
	13180	GM_M05_A1_H11	GM_M05_A1_H11_MR
	13181	GM_M05_A1_H12	GM_M05_A1_H12_MR
40	13182	GM_M05_B1_A01	GM_M05_B1_A01_MR
	13183	GM_M05_B1_A02	GM_M05_B1_A02_MR
	13184	GM_M05_B1_A04	GM_M05_B1_A04_MR
	13185	GM_M05_B1_A05	GM_M05_B1_A05_MR
	13186	GM_M05_B1_A07	GM_M05_B1_A07_MR
45	13187	GM_M05_B1_A09	GM_M05_B1_A09_MR
	13188	GM_M05_B1_A10	GM_M05_B1_A10_MR
	13189	GM_M05_B1_A11	GM_M05_B1_A11_MR
	13190	GM_M05_B1_A12	GM_M05_B1_A12_MR
	13191	GM_M05_B1_B01	GM_M05_B1_B01_MR
50	13192	GM_M05_B1_B02	GM_M05_B1_B02_MR
	13193	GM_M05_B1_B04	GM_M05_B1_B04_MR
	13194	GM_M05_B1_B06	GM_M05_B1_B06_MR
	13195	GM_M05_B1_B07	GM_M05_B1_B07_MR
	13196	GM_M05_B1_B08	GM_M05_B1_B08_MR
55	13197	GM_M05_B1_B09	GM_M05_B1_B09_MR

	13198	GM_M05_B1_B10	GM_M05_B1_B10_MR
	13199	GM_M05_B1_B11	GM_M05_B1_B11_MR
	13200	GM_M05_B1_B12	GM_M05_B1_B12_MR
	13201	GM_M05_B1_C01	GM_M05_B1_C01_MR
5	13202	GM_M05_B1_C02	GM_M05_B1_C02_MR
	13203	GM_M05_B1_C04	GM_M05_B1_C04_MR
	13204	GM_M05_B1_C05	GM_M05_B1_C05_MR
	13205	GM_M05_B1_C06	GM_M05_B1_C06_MR
	13206	GM_M05_B1_C07	GM_M05_B1_C07_MR
10	13207	GM_M05_B1_C08	GM_M05_B1_C08_MR
	13208	GM_M05_B1_C09	GM_M05_B1_C09_MR
	13209	GM_M05_B1_C10	GM_M05_B1_C10_MR
	13210	GM_M05_B1_C11	GM_M05_B1_C11_MR
	13211	GM_M05_B1_C12	GM_M05_B1_C12_MR
15	13212	GM_M05_B1_D01	GM_M05_B1_D01_MR
	13213	GM_M05_B1_D02	GM_M05_B1_D02_MR
	13214	GM_M05_B1_D03	GM_M05_B1_D03_MR
	13215	GM_M05_B1_D04	GM_M05_B1_D04_MR
	13216	GM_M05_B1_D05	GM_M05_B1_D05_MR
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	13218	GM_M05_B1_D07	GM_M05_B1_D07_MR
	13219	GM_M05_B1_D08	GM_M05_B1_D08_MR
	13220	GM_M05_B1_D09	GM_M05_B1_D09_MR
	13221	GM_M05_B1_D10	GM_M05_B1_D10_MR
25	13222	GM_M05_B1_D11	GM_M05_B1_D11_MR
	13223	GM_M05_B1_E01	GM_M05_B1_E01_MR
	13224	GM_M05_B1_E02	GM_M05_B1_E02_MR
	13225	GM_M05_B1_E03	GM_M05_B1_E03_MR
	13226	GM_M05_B1_E04	GM_M05_B1_E04_MR
30	13227	GM_M05_B1_E05	GM_M05_B1_E05_MR
	13228	GM_M05_B1_E06	GM_M05_B1_E06_MR
	13229	GM_M05_B1_E07	GM_M05_B1_E07_MR
	13230	GM_M05_B1_E08	GM_M05_B1_E08_MR
	13231	GM_M05_B1_E09	GM_M05_B1_E09_MR
35	13232	GM_M05_B1_E10	GM_M05_B1_E10_MR
	13233	GM_M05_B1_E11	GM_M05_B1_E11_MR
	13234	GM_M05_B1_E12	GM_M05_B1_E12_MR
	13235	GM_M05_B1_F02	GM_M05_B1_F02_MR
	13236	GM_M05_B1_F03	GM_M05_B1_F03_MR
40	13237	GM_M05_B1_F04	GM_M05_B1_F04_MR
	13238	GM_M05_B1_F05	GM_M05_B1_F05_MR
	13239	GM_M05_B1_F06	GM_M05_B1_F06_MR
	13240	GM_M05_B1_F07	GM_M05_B1_F07_MR
	13241	GM_M05_B1_F08	GM_M05_B1_F08_MR
45	13242	GM_M05_B1_F09	GM_M05_B1_F09_MR
	13243	GM_M05_B1_F10	GM_M05_B1_F10_MR
	13244	GM_M05_B1_F11	GM_M05_B1_F11_MR
	13245	GM_M05_B1_F12	GM_M05_B1_F12_MR
	13246	GM_M05_B1_G01	GM_M05_B1_G01_MR
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	13248	GM_M05_B1_G04	GM_M05_B1_G04_MR
	13249	GM_M05_B1_G05	GM_M05_B1_G05_MR
	13250	GM_M05_B1_G06	GM_M05_B1_G06_MR
	13251	GM_M05_B1_G08	GM_M05_B1_G08_MR
55	13252	GM_M05_B1_G09	GM_M05_B1_G09_MR

	13253	GM_M05_B1_G10	GM_M05_B1_G10_MR
	13254	GM_M05_B1_G11	GM_M05_B1_G11_MR
	13255	GM_M05_B1_G12	GM_M05_B1_G12_MR
	13256	GM_M05_B1_H01	GM_M05_B1_H01_MR
5	13257	GM_M05_B1_H02	GM_M05_B1_H02_MR
	13258	GM_M05_B1_H03	GM_M05_B1_H03_MR
	13259	GM_M05_B1_H04	GM_M05_B1_H04_MR
	13260	GM_M05_B1_H05	GM_M05_B1_H05_MR
	13261	GM_M05_B1_H06	GM_M05_B1_H06_MR
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	13263	GM_M05_B1_H08	GM_M05_B1_H08_MR
	13264	GM_M05_B1_H09	GM_M05_B1_H09_MR
	13265	GM_M05_B1_H10	GM_M05_B1_H10_MR
	13266	GM_M05_B1_H11	GM_M05_B1_H11_MR
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	13268	GM_M05_B2_A01	GM_M05_B2_A01_MF
	13269	GM_M05_B2_A02	GM_M05_B2_A02_MF
	13270	GM_M05_B2_A03	GM_M05_B2_A03_MF
	13271	GM_M05_B2_A04	GM_M05_B2_A04_MF
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	13273	GM_M05_B2_A07	GM_M05_B2_A07_MF
	13274	GM_M05_B2_A08	GM_M05_B2_A08_MF
	13275	GM_M05_B2_A09	GM_M05_B2_A09_MF
	13276	GM_M05_B2_A10	GM_M05_B2_A10_MF
25	13277	GM_M05_B2_A11	GM_M05_B2_A11_MF
	13278	GM_M05_B2_A12	GM_M05_B2_A12_MF
	13279	GM_M05_B2_B01	GM_M05_B2_B01_MF
	13280	GM_M05_B2_B02	GM_M05_B2_B02_MF
	13281	GM_M05_B2_B03	GM_M05_B2_B03_MF
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	13284	GM_M05_B2_B06	GM_M05_B2_B06_MF
	13285	GM_M05_B2_B07	GM_M05_B2_B07_MF
	13286	GM_M05_B2_B08	GM_M05_B2_B08_MF
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	13288	GM_M05_B2_B10	GM_M05_B2_B10_MF
	13289	GM_M05_B2_B11	GM_M05_B2_B11_MF
	13290	GM_M05_B2_B12	GM_M05_B2_B12_MF
	13291	GM_M05_B2_C01	GM_M05_B2_C01_MF
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	13293	GM_M05_B2_C03	GM_M05_B2_C03_MF
	13294	GM_M05_B2_C04	GM_M05_B2_C04_MF
	13295	GM_M05_B2_C05	GM_M05_B2_C05_MF
	13296	GM_M05_B2_C06	GM_M05_B2_C06_MF
45	13297	GM_M05_B2_C07	GM_M05_B2_C07_MF
	13298	GM_M05_B2_C08	GM_M05_B2_C08_MF
	13299	GM_M05_B2_C09	GM_M05_B2_C09_MF
	13300	GM_M05_B2_C10	GM_M05_B2_C10_MF
	13301	GM_M05_B2_C11	GM_M05_B2_C11_MF
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	13303	GM_M05_B2_D01	GM_M05_B2_D01_MF
	13304	GM_M05_B2_D02	GM_M05_B2_D02_MF
	13305	GM_M05_B2_D04	GM_M05_B2_D04_MF
	13306	GM_M05_B2_D05	GM_M05_B2_D05_MF
55	13307	GM_M05_B2_D06	GM_M05_B2_D06_MF

	13308	GM_M05_B2_D07	GM_M05_B2_D07_MF
	13309	GM_M05_B2_D08	GM_M05_B2_D08_MF
	13310	GM_M05_B2_D09	GM_M05_B2_D09_MF
	13311	GM_M05_B2_D10	GM_M05_B2_D10_MF
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	13313	GM_M05_B2_D12	GM_M05_B2_D12_MF
	13314	GM_M05_B2_E01	GM_M05_B2_E01_MF
	13315	GM_M05_B2_E02	GM_M05_B2_E02_MF
	13316	GM_M05_B2_E03	GM_M05_B2_E03_MF
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	13318	GM_M05_B2_E05	GM_M05_B2_E05_MF
	13319	GM_M05_B2_E06	GM_M05_B2_E06_MF
	13320	GM_M05_B2_E07	GM_M05_B2_E07_MF
	13321	GM_M05_B2_E08	GM_M05_B2_E08_MF
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	13323	GM_M05_B2_E10	GM_M05_B2_E10_MF
	13324	GM_M05_B2_E11	GM_M05_B2_E11_MF
	13325	GM_M05_B2_E12	GM_M05_B2_E12_MF
	13326	GM_M05_B2_F01	GM_M05_B2_F01_MF
20	13327	GM_M05_B2_F02	GM_M05_B2_F02_MF
	13328	GM_M05_B2_F03	GM_M05_B2_F03_MF
	13329	GM_M05_B2_F04	GM_M05_B2_F04_MF
	13330	GM_M05_B2_F05	GM_M05_B2_F05_MF
	13331	GM_M05_B2_F06	GM_M05_B2_F06_MF
25	13332	GM_M05_B2_F07	GM_M05_B2_F07_MF
	13333	GM_M05_B2_F08	GM_M05_B2_F08_MF
	13334	GM_M05_B2_F09	GM_M05_B2_F09_MF
	13335	GM_M05_B2_F10	GM_M05_B2_F10_MF
	13336	GM_M05_B2_F11	GM_M05_B2_F11_MF
30	13337	GM_M05_B2_F12	GM_M05_B2_F12_MF
	13338	GM_M05_B2_G01	GM_M05_B2_G01_MF
	13339	GM_M05_B2_G02	GM_M05_B2_G02_MF
	13340	GM_M05_B2_G03	GM_M05_B2_G03_MF
	13341	GM_M05_B2_G04	GM_M05_B2_G04_MF
35	13342	GM_M05_B2_G05	GM_M05_B2_G05_MF
	13343	GM_M05_B2_G06	GM_M05_B2_G06_MF
	13344	GM_M05_B2_G07	GM_M05_B2_G07_MF
	13345	GM_M05_B2_G08	GM_M05_B2_G08_MF
	13346	GM_M05_B2_G09	GM_M05_B2_G09_MF
40	13347	GM_M05_B2_G10	GM_M05_B2_G10_MF
	13348	GM_M05_B2_G11	GM_M05_B2_G11_MF
	13349	GM_M05_B2_G12	GM_M05_B2_G12_MF
	13350	GM_M05_B2_H01	GM_M05_B2_H01_MF
	13351	GM_M05_B2_H02	GM_M05_B2_H02_MF
45	13352	GM_M05_B2_H03	GM_M05_B2_H03_MF
	13353	GM_M05_B2_H04	GM_M05_B2_H04_MF
	13354	GM_M05_B2_H05	GM_M05_B2_H05_MF
	13355	GM_M05_B2_H06	GM_M05_B2_H06_MF
	13356	GM_M05_B2_H07	GM_M05_B2_H07_MF
50	13357	GM_M05_B2_H08	GM_M05_B2_H08_MF
	13358	GM_M05_B2_H09	GM_M05_B2_H09_MF
	13359	GM_M05_B2_H10	GM_M05_B2_H10_MF
	13360	GM_M05_B2_H11	GM_M05_B2_H11_MF
	13361	GM_M05_B2_H12	GM_M05_B2_H12_MF
55	13362	GM_M06_A1_A01	

GM_M06_A1_A01_MR

	13363	GM_M06_A1_A03	GM_M06_A1_A03_MR
	13364	GM_M06_A1_A04	GM_M06_A1_A04_MR
	13365	GM_M06_A1_A05	GM_M06_A1_A05_MR
	13366	GM_M06_A1_A07	GM_M06_A1_A07_MR
5	13367	GM_M06_A1_A08	GM_M06_A1_A08_MR
	13368	GM_M06_A1_A09	GM_M06_A1_A09_MR
	13369	GM_M06_A1_A10	GM_M06_A1_A10_MR
	13370	GM_M06_A1_A11	GM_M06_A1_A11_MR
	13371	GM_M06_A1_A12	GM_M06_A1_A12_MR
10	13372	GM_M06_A1_B02	GM_M06_A1_B02_MR
	13373	GM_M06_A1_B03	GM_M06_A1_B03_MR
	13374	GM_M06_A1_B04	GM_M06_A1_B04_MR
	13375	GM_M06_A1_B05	GM_M06_A1_B05_MR
	13376	GM_M06_A1_B06	GM_M06_A1_B06_MR
15	13377	GM_M06_A1_B07	GM_M06_A1_B07_MR
	13378	GM_M06_A1_B08	GM_M06_A1_B08_MR
	13379	GM_M06_A1_B09	GM_M06_A1_B09_MR
	13380	GM_M06_A1_B10	GM_M06_A1_B10_MR
	13381	GM_M06_A1_B11	GM_M06_A1_B11_MR
20	13382	GM_M06_A1_B12	GM_M06_A1_B12_MR
	13383	GM_M06_A1_C01	GM_M06_A1_C01_MR
	13384	GM_M06_A1_C02	GM_M06_A1_C02_MR
	13385	GM_M06_A1_C03	GM_M06_A1_C03_MR
	13386	GM_M06_A1_C04	GM_M06_A1_C04_MR
25	13387	GM_M06_A1_C05	GM_M06_A1_C05_MR
	13388	GM_M06_A1_C06	GM_M06_A1_C06_MR
	13389	GM_M06_A1_C07	GM_M06_A1_C07_MR
	13390	GM_M06_A1_C08	GM_M06_A1_C08_MR
	13391	GM_M06_A1_C09	GM_M06_A1_C09_MR
30	13392	GM_M06_A1_C10	GM_M06_A1_C10_MR
	13393	GM_M06_A1_C11	GM_M06_A1_C11_MR
	13394	GM_M06_A1_C12	GM_M06_A1_C12_MR
	13395	GM_M06_A1_D01	GM_M06_A1_D01_MR
	13396	GM_M06_A1_D02	GM_M06_A1_D02_MR
35	13397	GM_M06_A1_D03	GM_M06_A1_D03_MR
	13398	GM_M06_A1_D04	GM_M06_A1_D04_MR
	13399	GM_M06_A1_D05	GM_M06_A1_D05_MR
	13400	GM_M06_A1_D06	GM_M06_A1_D06_MR
	13401	GM_M06_A1_D07	GM_M06_A1_D07_MR
40	13402	GM_M06_A1_D08	GM_M06_A1_D08_MR
	13403	GM_M06_A1_D10	GM_M06_A1_D10_MR
	13404	GM_M06_A1_D11	GM_M06_A1_D11_MR
	13405	GM_M06_A1_D12	GM_M06_A1_D12_MR
	13406	GM_M06_A1_E01	GM_M06_A1_E01_MR
45	13407	GM_M06_A1_E02	GM_M06_A1_E02_MR
	13408	GM_M06_A1_E03	GM_M06_A1_E03_MR
	13409	GM_M06_A1_E04	GM_M06_A1_E04_MR
	13410	GM_M06_A1_E06	GM_M06_A1_E06_MR
	13411	GM_M06_A1_E07	GM_M06_A1_E07_MR
50	13412	GM_M06_A1_E09	GM_M06_A1_E09_MR
	13413	GM_M06_A1_E10	GM_M06_A1_E10_MR
	13414	GM_M06_A1_E11	GM_M06_A1_E11_MR
	13415	GM_M06_A1_E12	GM_M06_A1_E12_MR
	13416	GM_M06_A1_F02	GM_M06_A1_F02_MR
55	13417	GM_M06_A1_F03	GM_M06_A1_F03_MR

	13418	GM_M06_A1_F04	GM_M06_A1_F04_MR
	13419	GM_M06_A1_F05	GM_M06_A1_F05_MR
	13420	GM_M06_A1_F06	GM_M06_A1_F06_MR
	13421	GM_M06_A1_F07	GM_M06_A1_F07_MR
5	13422	GM_M06_A1_F08	GM_M06_A1_F08_MR
	13423	GM_M06_A1_F09	GM_M06_A1_F09_MR
	13424	GM_M06_A1_F11	GM_M06_A1_F11_MR
	13425	GM_M06_A1_F12	GM_M06_A1_F12_MR
	13426	GM_M06_A1_G01	GM_M06_A1_G01_MR
10	13427	GM_M06_A1_G02	GM_M06_A1_G02_MR
	13428	GM_M06_A1_G03	GM_M06_A1_G03_MR
	13429	GM_M06_A1_G04	GM_M06_A1_G04_MR
	13430	GM_M06_A1_G06	GM_M06_A1_G06_MR
	13431	GM_M06_A1_G07	GM_M06_A1_G07_MR
15	13432	GM_M06_A1_G08	GM_M06_A1_G08_MR
	13433	GM_M06_A1_G09	GM_M06_A1_G09_MR
	13434	GM_M06_A1_G10	GM_M06_A1_G10_MR
	13435	GM_M06_A1_G11	GM_M06_A1_G11_MR
	13436	GM_M06_A1_G12	GM_M06_A1_G12_MR
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	13438	GM_M06_A1_H03	GM_M06_A1_H03_MR
	13439	GM_M06_A1_H04	GM_M06_A1_H04_MR
	13440	GM_M06_A1_H06	GM_M06_A1_H06_MR
	13441	GM_M06_A1_H07	GM_M06_A1_H07_MR
25	13442	GM_M06_A1_H08	GM_M06_A1_H08_MR
	13443	GM_M06_A1_H09	GM_M06_A1_H09_MR
	13444	GM_M06_A1_H10	GM_M06_A1_H10_MR
	13445	GM_M06_A1_H11	GM_M06_A1_H11_MR
	13446	GM_M06_A1_H12	GM_M06_A1_H12_MR
30	13447	GM_M06_A2_A01	GM_M06_A2_A01_MR
	13448	GM_M06_A2_A02	GM_M06_A2_A02_MR
	13449	GM_M06_A2_A03	GM_M06_A2_A03_MR
	13450	GM_M06_A2_A04	GM_M06_A2_A04_MR
	13451	GM_M06_A2_A05	GM_M06_A2_A05_MR
35	13452	GM_M06_A2_A06	GM_M06_A2_A06_MR
	13453	GM_M06_A2_A07	GM_M06_A2_A07_MR
	13454	GM_M06_A2_A08	GM_M06_A2_A08_MR
	13455	GM_M06_A2_A09	GM_M06_A2_A09_MR
	13456	GM_M06_A2_A10	GM_M06_A2_A10_MR
40	13457	GM_M06_A2_A12	GM_M06_A2_A12_MR
	13458	GM_M06_A2_B01	GM_M06_A2_B01_MR
	13459	GM_M06_A2_B02	GM_M06_A2_B02_MR
	13460	GM_M06_A2_B03	GM_M06_A2_B03_MR
	13461	GM_M06_A2_B04	GM_M06_A2_B04_MR
45	13462	GM_M06_A2_B05	GM_M06_A2_B05_MR
	13463	GM_M06_A2_B08	GM_M06_A2_B08_MR
	13464	GM_M06_A2_B09	GM_M06_A2_B09_MR
	13465	GM_M06_A2_B10	GM_M06_A2_B10_MR
	13466	GM_M06_A2_B11	GM_M06_A2_B11_MR
50	13467	GM_M06_A2_C01	GM_M06_A2_C01_MR
	13468	GM_M06_A2_C02	GM_M06_A2_C02_MR
	13469	GM_M06_A2_C03	GM_M06_A2_C03_MR
	13470	GM_M06_A2_C04	GM_M06_A2_C04_MR
	13471	GM_M06_A2_C05	GM_M06_A2_C05_MR
55	13472	GM_M06_A2_C06	GM_M06_A2_C06_MR

	13473	GM_M06_A2_C07	GM_M06_A2_C07_MR
	13474	GM_M06_A2_C08	GM_M06_A2_C08_MR
	13475	GM_M06_A2_C09	GM_M06_A2_C09_MR
	13476	GM_M06_A2_C11	GM_M06_A2_C11_MR
5	13477	GM_M06_A2_C12	GM_M06_A2_C12_MR
	13478	GM_M06_A2_D01	GM_M06_A2_D01_MR
	13479	GM_M06_A2_D02	GM_M06_A2_D02_MR
	13480	GM_M06_A2_D03	GM_M06_A2_D03_MR
	13481	GM_M06_A2_D04	GM_M06_A2_D04_MR
10	13482	GM_M06_A2_D06	GM_M06_A2_D06_MR
	13483	GM_M06_A2_D07	GM_M06_A2_D07_MR
	13484	GM_M06_A2_D09	GM_M06_A2_D09_MR
	13485	GM_M06_A2_D10	GM_M06_A2_D10_MR
	13486	GM_M06_A2_D11	GM_M06_A2_D11_MR
15	13487	GM_M06_A2_D12	GM_M06_A2_D12_MR
	13488	GM_M06_A2_E01	GM_M06_A2_E01_MR
	13489	GM_M06_A2_E02	GM_M06_A2_E02_MR
	13490	GM_M06_A2_E04	GM_M06_A2_E04_MR
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	13493	GM_M06_A2_E09	GM_M06_A2_E09_MR
	13494	GM_M06_A2_E10	GM_M06_A2_E10_MR
	13495	GM_M06_A2_E11	GM_M06_A2_E11_MR
	13496	GM_M06_A2_E12	GM_M06_A2_E12_MR
25	13497	GM_M06_A2_F01	GM_M06_A2_F01_MR
	13498	GM_M06_A2_F02	GM_M06_A2_F02_MR
	13499	GM_M06_A2_F03	GM_M06_A2_F03_MR
	13500	GM_M06_A2_F04	GM_M06_A2_F04_MR
	13501	GM_M06_A2_F05	GM_M06_A2_F05_MR
30	13502	GM_M06_A2_F06	GM_M06_A2_F06_MR
	13503	GM_M06_A2_F07	GM_M06_A2_F07_MR
	13504	GM_M06_A2_F08	GM_M06_A2_F08_MR
	13505	GM_M06_A2_F09	GM_M06_A2_F09_MR
	13506	GM_M06_A2_F11	GM_M06_A2_F11_MR
35	13507	GM_M06_A2_F12	GM_M06_A2_F12_MR
	13508	GM_M06_A2_G01	GM_M06_A2_G01_MR
	13509	GM_M06_A2_G02	GM_M06_A2_G02_MR
	13510	GM_M06_A2_G03	GM_M06_A2_G03_MR
	13511	GM_M06_A2_G04	GM_M06_A2_G04_MR
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	13513	GM_M06_A2_G06	GM_M06_A2_G06_MR
	13514	GM_M06_A2_G07	GM_M06_A2_G07_MR
	13515	GM_M06_A2_G08	GM_M06_A2_G08_MR
	13516	GM_M06_A2_G09	GM_M06_A2_G09_MR
45	13517	GM_M06_A2_G10	GM_M06_A2_G10_MR
	13518	GM_M06_A2_G11	GM_M06_A2_G11_MR
	13519	GM_M06_A2_G12	GM_M06_A2_G12_MR
	13520	GM_M06_A2_H01	GM_M06_A2_H01_MR
	13521	GM_M06_A2_H03	GM_M06_A2_H03_MR
50	13522	GM_M06_A2_H04	GM_M06_A2_H04_MR
	13523	GM_M06_A2_H05	GM_M06_A2_H05_MR
	13524	GM_M06_A2_H07	GM_M06_A2_H07_MR
	13525	GM_M06_A2_H08	GM_M06_A2_H08_MR
	13526	GM_M06_A2_H09	GM_M06_A2_H09_MR
55	13527	GM_M06_A2_H10	GM_M06_A2_H10_MR

	13528	GM_M06_A2_H11		GM_M06_A2_H11_MR
	13529	GM_M06_A2_H12		GM_M06_A2_H12_MR
	13530	GM_M06_B1_A01	GM_M06_B1_A01_MF	
	13531	GM_M06_B1_A02	GM_M06_B1_A02_MF	
5	13532	GM_M06_B1_A03	GM_M06_B1_A03_MF	
	13533	GM_M06_B1_A03		GM_M06_B1_A03_MR
	13534	GM_M06_B1_A04	GM_M06_B1_A04_MF	
	13535	GM_M06_B1_A05	GM_M06_B1_A05_MF	
	13536	GM_M06_B1_A05		GM_M06_B1_A05_MR
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	13538	GM_M06_B1_A06		GM_M06_B1_A06_MR
	13539	GM_M06_B1_A07	GM_M06_B1_A07_MF	
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	13541	GM_M06_B1_A08	GM_M06_B1_A08_MF	
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	13543	GM_M06_B1_A09	GM_M06_B1_A09_MF	
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	13545	GM_M06_B1_A10	GM_M06_B1_A10_MF	
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	13548	GM_M06_B1_A11		GM_M06_B1_A11_MR
	13549	GM_M06_B1_A12	GM_M06_B1_A12_MF	
	13550	GM_M06_B1_A12		GM_M06_B1_A12_MR
	13551	GM_M06_B1_B01	GM_M06_B1_B01_MF	
25	13552	GM_M06_B1_B02	GM_M06_B1_B02_MF	
	13553	GM_M06_B1_B02		GM_M06_B1_B02_MR
	13554	GM_M06_B1_B03	GM_M06_B1_B03_MF	
	13555	GM_M06_B1_B04	GM_M06_B1_B04_MF	
	13556	GM_M06_B1_B05	GM_M06_B1_B05_MF	
30	13557	GM_M06_B1_B06	GM_M06_B1_B06_MF	
	13558	GM_M06_B1_B06		GM_M06_B1_B06_MR
	13559	GM_M06_B1_B07	GM_M06_B1_B07_MF	
	13560	GM_M06_B1_B07		GM_M06_B1_B07_MR
	13561	GM_M06_B1_B08	GM_M06_B1_B08_MF	
35	13562	GM_M06_B1_B08		GM_M06_B1_B08_MR
	13563	GM_M06_B1_B09	GM_M06_B1_B09_MF	
	13564	GM_M06_B1_B09		GM_M06_B1_B09_MR
	13565	GM_M06_B1_B10	GM_M06_B1_B10_MF	
	13566	GM_M06_B1_B10		GM_M06_B1_B10_MR
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	13569	GM_M06_B1_B12	GM_M06_B1_B12_MF	
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	13571	GM_M06_B1_C01	GM_M06_B1_C01_MF	
45	13572	GM_M06_B1_C01		GM_M06_B1_C01_MR
	13573	GM_M06_B1_C02	GM_M06_B1_C02_MF	
	13574	GM_M06_B1_C03	GM_M06_B1_C03_MF	
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	13576	GM_M06_B1_C04	GM_M06_B1_C04_MF	
50	13577	GM_M06_B1_C04		GM_M06_B1_C04_MR
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	13579	GM_M06_B1_C06	GM_M06_B1_C06_MF	
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	13581	GM_M06_B1_C07	GM_M06_B1_C07_MF	
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	13583	GM_M06_B1_C08	GM_M06_B1_C08_MF	
	13584	GM_M06_B1_C08		GM_M06_B1_C08_MR
	13585	GM_M06_B1_C09	GM_M06_B1_C09_MF	
	13586	GM_M06_B1_C09		GM_M06_B1_C09_MR
5	13587	GM_M06_B1_C10	GM_M06_B1_C10_MF	
	13588	GM_M06_B1_C10		GM_M06_B1_C10_MR
	13589	GM_M06_B1_C11	GM_M06_B1_C11_MF	
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	13591	GM_M06_B1_C12	GM_M06_B1_C12_MF	
10	13592	GM_M06_B1_C12		GM_M06_B1_C12_MR
	13593	GM_M06_B1_D01	GM_M06_B1_D01_MF	
	13594	GM_M06_B1_D02	GM_M06_B1_D02_MF	
	13595	GM_M06_B1_D02		GM_M06_B1_D02_MR
	13596	GM_M06_B1_D03	GM_M06_B1_D03_MF	
15	13597	GM_M06_B1_D04	GM_M06_B1_D04_MF	
	13598	GM_M06_B1_D04		GM_M06_B1_D04_MR
	13599	GM_M06_B1_D05	GM_M06_B1_D05_MF	
	13600	GM_M06_B1_D05		GM_M06_B1_D05_MR
	13601	GM_M06_B1_D06	GM_M06_B1_D06_MF	
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	13603	GM_M06_B1_D07	GM_M06_B1_D07_MF	
	13604	GM_M06_B1_D07		GM_M06_B1_D07_MR
	13605	GM_M06_B1_D08	GM_M06_B1_D08_MF	
	13606	GM_M06_B1_D08		GM_M06_B1_D08_MR
25	13607	GM_M06_B1_D09	GM_M06_B1_D09_MF	
	13608	GM_M06_B1_D09		GM_M06_B1_D09_MR
	13609	GM_M06_B1_D10	GM_M06_B1_D10_MF	
	13610	GM_M06_B1_D10		GM_M06_B1_D10_MR
	13611	GM_M06_B1_D11	GM_M06_B1_D11_MF	
30	13612	GM_M06_B1_D11		GM_M06_B1_D11_MR
	13613	GM_M06_B1_D12	GM_M06_B1_D12_MF	
	13614	GM_M06_B1_D12		GM_M06_B1_D12_MR
	13615	GM_M06_B1_E01	GM_M06_B1_E01_MF	
	13616	GM_M06_B1_E01		GM_M06_B1_E01_MR
35	13617	GM_M06_B1_E02	GM_M06_B1_E02_MF	
	13618	GM_M06_B1_E03	GM_M06_B1_E03_MF	
	13619	GM_M06_B1_E04	GM_M06_B1_E04_MF	
	13620	GM_M06_B1_E05	GM_M06_B1_E05_MF	
	13621	GM_M06_B1_E05		GM_M06_B1_E05_MR
40	13622	GM_M06_B1_E06	GM_M06_B1_E06_MF	
	13623	GM_M06_B1_E07	GM_M06_B1_E07_MF	
	13624	GM_M06_B1_E08	GM_M06_B1_E08_MF	
	13625	GM_M06_B1_E08		GM_M06_B1_E08_MR
	13626	GM_M06_B1_E09	GM_M06_B1_E09_MF	
45	13627	GM_M06_B1_E09		GM_M06_B1_E09_MR
	13628	GM_M06_B1_E10	GM_M06_B1_E10_MF	
	13629	GM_M06_B1_E10		GM_M06_B1_E10_MR
	13630	GM_M06_B1_E11	GM_M06_B1_E11_MF	
	13631	GM_M06_B1_E11		GM_M06_B1_E11_MR
50	13632	GM_M06_B1_E12	GM_M06_B1_E12_MF	
	13633	GM_M06_B1_E12		GM_M06_B1_E12_MR
	13634	GM_M06_B1_F01	GM_M06_B1_F01_MF	
	13635	GM_M06_B1_F02	GM_M06_B1_F02_MF	
	13636	GM_M06_B1_F03	GM_M06_B1_F03_MF	
55	13637	GM_M06_B1_F03		GM_M06_B1_F03_MR

	13638	GM_M06_B1_F04	GM_M06_B1_F04_MF	
	13639	GM_M06_B1_F04		GM_M06_B1_F04_MR
	13640	GM_M06_B1_F05	GM_M06_B1_F05_MF	
	13641	GM_M06_B1_F05		GM_M06_B1_F05_MR
5	13642	GM_M06_B1_F06	GM_M06_B1_F06_MF	
	13643	GM_M06_B1_F06		GM_M06_B1_F06_MR
	13644	GM_M06_B1_F07	GM_M06_B1_F07_MF	
	13645	GM_M06_B1_F07		GM_M06_B1_F07_MR
	13646	GM_M06_B1_F08	GM_M06_B1_F08_MF	
10	13647	GM_M06_B1_F08		GM_M06_B1_F08_MR
	13648	GM_M06_B1_F09	GM_M06_B1_F09_MF	
	13649	GM_M06_B1_F09		GM_M06_B1_F09_MR
	13650	GM_M06_B1_F10	GM_M06_B1_F10_MF	
	13651	GM_M06_B1_F10		GM_M06_B1_F10_MR
15	13652	GM_M06_B1_F11	GM_M06_B1_F11_MF	
	13653	GM_M06_B1_F11		GM_M06_B1_F11_MR
	13654	GM_M06_B1_F12	GM_M06_B1_F12_MF	
	13655	GM_M06_B1_F12		GM_M06_B1_F12_MR
	13656	GM_M06_B1_G01	GM_M06_B1_G01_MF	
20	13657	GM_M06_B1_G02	GM_M06_B1_G02_MF	
	13658	GM_M06_B1_G03	GM_M06_B1_G03_MF	
	13659	GM_M06_B1_G04	GM_M06_B1_G04_MF	
	13660	GM_M06_B1_G05	GM_M06_B1_G05_MF	
	13661	GM_M06_B1_G05		GM_M06_B1_G05_MR
25	13662	GM_M06_B1_G06	GM_M06_B1_G06_MF	
	13663	GM_M06_B1_G06		GM_M06_B1_G06_MR
	13664	GM_M06_B1_G07	GM_M06_B1_G07_MF	
	13665	GM_M06_B1_G08	GM_M06_B1_G08_MF	
	13666	GM_M06_B1_G08		GM_M06_B1_G08_MR
30	13667	GM_M06_B1_G09	GM_M06_B1_G09_MF	
	13668	GM_M06_B1_G09		GM_M06_B1_G09_MR
	13669	GM_M06_B1_G10	GM_M06_B1_G10_MF	
	13670	GM_M06_B1_G10		GM_M06_B1_G10_MR
	13671	GM_M06_B1_G11	GM_M06_B1_G11_MF	
35	13672	GM_M06_B1_G11		GM_M06_B1_G11_MR
	13673	GM_M06_B1_G12	GM_M06_B1_G12_MF	
	13674	GM_M06_B1_G12		GM_M06_B1_G12_MR
	13675	GM_M06_B1_H01	GM_M06_B1_H01_MF	
	13676	GM_M06_B1_H01		GM_M06_B1_H01_MR
40	13677	GM_M06_B1_H02	GM_M06_B1_H02_MF	
	13678	GM_M06_B1_H03	GM_M06_B1_H03_MF	
	13679	GM_M06_B1_H04	GM_M06_B1_H04_MF	
	13680	GM_M06_B1_H05	GM_M06_B1_H05_MF	
	13681	GM_M06_B1_H05		GM_M06_B1_H05_MR
45	13682	GM_M06_B1_H06	GM_M06_B1_H06_MF	
	13683	GM_M06_B1_H06		GM_M06_B1_H06_MR
	13684	GM_M06_B1_H07	GM_M06_B1_H07_MF	
	13685	GM_M06_B1_H07		GM_M06_B1_H07_MR
	13686	GM_M06_B1_H08	GM_M06_B1_H08_MF	
50	13687	GM_M06_B1_H08		GM_M06_B1_H08_MR
	13688	GM_M06_B1_H09	GM_M06_B1_H09_MF	
	13689	GM_M06_B1_H09		GM_M06_B1_H09_MR
	13690	GM_M06_B1_H10	GM_M06_B1_H10_MF	
	13691	GM_M06_B1_H10		GM_M06_B1_H10_MR
55	13692	GM_M06_B1_H11	GM_M06_B1_H11_MF	

	13693	GM_M06_B1_H11		GM_M06_B1_H11_MR
	13694	GM_M06_B1_H12	GM_M06_B1_H12_MF	
	13695	GM_M06_B1_H12		GM_M06_B1_H12_MR
	13696	GM_M06_B2_A09		GM_M06_B2_A09_MR
5	13697	GM_M06_B2_A10	GM_M06_B2_A10_MF	
	13698	GM_M06_B2_A10		GM_M06_B2_A10_MR
	13699	GM_M06_B2_A12		GM_M06_B2_A12_MR
	13700	GM_M06_B2_B03	GM_M06_B2_B03_MF	
	13701	GM_M06_B2_B05	GM_M06_B2_B05_MF	
10	13702	GM_M06_B2_B07	GM_M06_B2_B07_MF	
	13703	GM_M06_B2_B08		GM_M06_B2_B08_MR
	13704	GM_M06_B2_B10		GM_M06_B2_B10_MR
	13705	GM_M06_B2_B12		GM_M06_B2_B12_MR
	13706	GM_M06_B2_C02	GM_M06_B2_C02_MF	
15	13707	GM_M06_B2_C04	GM_M06_B2_C04_MF	
	13708	GM_M06_B2_C05	GM_M06_B2_C05_MF	
	13709	GM_M06_B2_C06		GM_M06_B2_C06_MR
	13710	GM_M06_B2_C08	GM_M06_B2_C08_MF	
	13711	GM_M06_B2_C08		GM_M06_B2_C08_MR
20	13712	GM_M06_B2_C09		GM_M06_B2_C09_MR
	13713	GM_M06_B2_C10	GM_M06_B2_C10_MF	
	13714	GM_M06_B2_C10		GM_M06_B2_C10_MR
	13715	GM_M06_B2_C12	GM_M06_B2_C12_MF	
	13716	GM_M06_B2_C12		GM_M06_B2_C12_MR
25	13717	GM_M06_B2_D02	GM_M06_B2_D02_MF	
	13718	GM_M06_B2_D04	GM_M06_B2_D04_MF	
	13719	GM_M06_B2_D04		GM_M06_B2_D04_MR
	13720	GM_M06_B2_D05	GM_M06_B2_D05_MF	
	13721	GM_M06_B2_D09		GM_M06_B2_D09_MR
30	13722	GM_M06_B2_D10	GM_M06_B2_D10_MF	
	13723	GM_M06_B2_D10		GM_M06_B2_D10_MR
	13724	GM_M06_B2_D11	GM_M06_B2_D11_MF	
	13725	GM_M06_B2_D11		GM_M06_B2_D11_MR
	13726	GM_M06_B2_D12	GM_M06_B2_D12_MF	
35	13727	GM_M06_B2_D12		GM_M06_B2_D12_MR
	13728	GM_M06_B2_E01	GM_M06_B2_E01_MF	
	13729	GM_M06_B2_E02	GM_M06_B2_E02_MF	
	13730	GM_M06_B2_E04	GM_M06_B2_E04_MF	
	13731	GM_M06_B2_E10	GM_M06_B2_E10_MF	
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	13733	GM_M06_B2_E11		GM_M06_B2_E11_MR
	13734	GM_M06_B2_E12		GM_M06_B2_E12_MR
	13735	GM_M06_B2_F02	GM_M06_B2_F02_MF	
	13736	GM_M06_B2_F03	GM_M06_B2_F03_MF	
45	13737	GM_M06_B2_F06		GM_M06_B2_F06_MR
	13738	GM_M06_B2_F08	GM_M06_B2_F08_MF	
	13739	GM_M06_B2_F08		GM_M06_B2_F08_MR
	13740	GM_M06_B2_F09	GM_M06_B2_F09_MF	
	13741	GM_M06_B2_F09		GM_M06_B2_F09_MR
50	13742	GM_M06_B2_F10		GM_M06_B2_F10_MR
	13743	GM_M06_B2_F12	GM_M06_B2_F12_MF	
	13744	GM_M06_B2_F12		GM_M06_B2_F12_MR
	13745	GM_M06_B2_G01	GM_M06_B2_G01_MF	
	13746	GM_M06_B2_G02	GM_M06_B2_G02_MF	
55	13747	GM_M06_B2_G03	GM_M06_B2_G03_MF	

5	13748	GM_M06_B2_G07	GM_M06_B2_G07_MF	GM_M06_B2_G07_MR
	13749	GM_M06_B2_G07		
	13750	GM_M06_B2_G08	GM_M06_B2_G08_MF	
	13751	GM_M06_B2_G08		
	13752	GM_M06_B2_G09		
10	13753	GM_M06_B2_G10	GM_M06_B2_G10_MF	GM_M06_B2_G10_MR
	13754	GM_M06_B2_G10		
	13755	GM_M06_B2_G11		
	13756	GM_M06_B2_G12		
	13757	GM_M06_B2_H02	GM_M06_B2_H02_MF	
15	13758	GM_M06_B2_H04	GM_M06_B2_H04_MF	GM_M06_B2_H05_MR
	13759	GM_M06_B2_H05	GM_M06_B2_H05_MF	
	13760	GM_M06_B2_H05		
	13761	GM_M06_B2_H06	GM_M06_B2_H06_MF	
	13762	GM_M06_B2_H06		
20	13763	GM_M06_B2_H07	GM_M06_B2_H07_MF	GM_M06_B2_H07_MR
	13764	GM_M06_B2_H07		
	13765	GM_M06_B2_H08	GM_M06_B2_H08_MF	
	13766	GM_M06_B2_H08		
	13767	GM_M06_B2_H09	GM_M06_B2_H09_MF	
25	13768	GM_M06_B2_H09		GM_M06_B2_H09_MR
	13769	GM_M06_B2_H10	GM_M06_B2_H10_MF	
	13770	GM_M06_B2_H11	GM_M06_B2_H11_MF	
	13771	GM_M06_B2_H11		
	13772	GM_M06_B2_H12	GM_M06_B2_H12_MF	
30	13773	GM_M06_B2_H12		GM_M06_B2_H12_MR
	13774	GM_M07_A1_A01	GM_M07_A1_A01_MF	
	13775	GM_M07_A1_A01		
	13776	GM_M07_A1_A02		
	13777	GM_M07_A1_A03	GM_M07_A1_A03_MF	
35	13778	GM_M07_A1_A03		GM_M07_A1_A03_MR
	13779	GM_M07_A1_A04	GM_M07_A1_A04_MF	
	13780	GM_M07_A1_A05	GM_M07_A1_A05_MF	
	13781	GM_M07_A1_A05		
	13782	GM_M07_A1_A06		
40	13783	GM_M07_A1_A07	GM_M07_A1_A07_MF	GM_M07_A1_A07_MR
	13784	GM_M07_A1_A07		
	13785	GM_M07_A1_A08	GM_M07_A1_A08_MF	
	13786	GM_M07_A1_A08		
	13787	GM_M07_A1_A09	GM_M07_A1_A09_MF	
45	13788	GM_M07_A1_A09		GM_M07_A1_A09_MR
	13789	GM_M07_A1_A10	GM_M07_A1_A10_MF	
	13790	GM_M07_A1_A10		
	13791	GM_M07_A1_A11	GM_M07_A1_A11_MF	
	13792	GM_M07_A1_A11		
50	13793	GM_M07_A1_A12	GM_M07_A1_A12_MF	GM_M07_A1_A12_MR
	13794	GM_M07_A1_A12		
	13795	GM_M07_A1_B02	GM_M07_A1_B02_MF	
	13796	GM_M07_A1_B02		
	13797	GM_M07_A1_B04	GM_M07_A1_B04_MF	
55	13798	GM_M07_A1_B04		GM_M07_A1_B04_MR
	13799	GM_M07_A1_B05	GM_M07_A1_B05_MF	
	13800	GM_M07_A1_B05		
	13801	GM_M07_A1_B06		
	13802	GM_M07_A1_B07	GM_M07_A1_B07_MF	

	13803	GM_M07_A1_B07		GM_M07_A1_B07_MR
	13804	GM_M07_A1_B08	GM_M07_A1_B08_MF	
	13805	GM_M07_A1_B08		GM_M07_A1_B08_MR
	13806	GM_M07_A1_B09	GM_M07_A1_B09_MF	
5	13807	GM_M07_A1_B09		GM_M07_A1_B09_MR
	13808	GM_M07_A1_B10	GM_M07_A1_B10_MF	
	13809	GM_M07_A1_B10		GM_M07_A1_B10_MR
	13810	GM_M07_A1_B11	GM_M07_A1_B11_MF	
	13811	GM_M07_A1_B11		GM_M07_A1_B11_MR
10	13812	GM_M07_A1_B12	GM_M07_A1_B12_MF	
	13813	GM_M07_A1_B12		GM_M07_A1_B12_MR
	13814	GM_M07_A1_C01	GM_M07_A1_C01_MF	
	13815	GM_M07_A1_C01		GM_M07_A1_C01_MR
	13816	GM_M07_A1_C02	GM_M07_A1_C02_MF	
15	13817	GM_M07_A1_C02		GM_M07_A1_C02_MR
	13818	GM_M07_A1_C03	GM_M07_A1_C03_MF	
	13819	GM_M07_A1_C03		GM_M07_A1_C03_MR
	13820	GM_M07_A1_C04	GM_M07_A1_C04_MF	
	13821	GM_M07_A1_C05		GM_M07_A1_C05_MR
20	13822	GM_M07_A1_C07	GM_M07_A1_C07_MF	
	13823	GM_M07_A1_C07		GM_M07_A1_C07_MR
	13824	GM_M07_A1_C08	GM_M07_A1_C08_MF	
	13825	GM_M07_A1_C08		GM_M07_A1_C08_MR
	13826	GM_M07_A1_C09	GM_M07_A1_C09_MF	
25	13827	GM_M07_A1_C09		GM_M07_A1_C09_MR
	13828	GM_M07_A1_C10	GM_M07_A1_C10_MF	
	13829	GM_M07_A1_C10		GM_M07_A1_C10_MR
	13830	GM_M07_A1_C11	GM_M07_A1_C11_MF	
	13831	GM_M07_A1_C11		GM_M07_A1_C11_MR
30	13832	GM_M07_A1_C12	GM_M07_A1_C12_MF	
	13833	GM_M07_A1_C12		GM_M07_A1_C12_MR
	13834	GM_M07_A1_D01	GM_M07_A1_D01_MF	
	13835	GM_M07_A1_D01		GM_M07_A1_D01_MR
	13836	GM_M07_A1_D02	GM_M07_A1_D02_MF	
35	13837	GM_M07_A1_D02		GM_M07_A1_D02_MR
	13838	GM_M07_A1_D03	GM_M07_A1_D03_MF	
	13839	GM_M07_A1_D03		GM_M07_A1_D03_MR
	13840	GM_M07_A1_D04	GM_M07_A1_D04_MF	
	13841	GM_M07_A1_D04		GM_M07_A1_D04_MR
40	13842	GM_M07_A1_D05	GM_M07_A1_D05_MF	
	13843	GM_M07_A1_D05		GM_M07_A1_D05_MR
	13844	GM_M07_A1_D06	GM_M07_A1_D06_MF	
	13845	GM_M07_A1_D06		GM_M07_A1_D06_MR
	13846	GM_M07_A1_D07	GM_M07_A1_D07_MF	
45	13847	GM_M07_A1_D07		GM_M07_A1_D07_MR
	13848	GM_M07_A1_D08	GM_M07_A1_D08_MF	
	13849	GM_M07_A1_D08		GM_M07_A1_D08_MR
	13850	GM_M07_A1_D09	GM_M07_A1_D09_MF	
	13851	GM_M07_A1_D09		GM_M07_A1_D09_MR
50	13852	GM_M07_A1_D10	GM_M07_A1_D10_MF	
	13853	GM_M07_A1_D10		GM_M07_A1_D10_MR
	13854	GM_M07_A1_D11	GM_M07_A1_D11_MF	
	13855	GM_M07_A1_D11		GM_M07_A1_D11_MR
	13856	GM_M07_A1_E01	GM_M07_A1_E01_MF	
55	13857	GM_M07_A1_E01		GM_M07_A1_E01_MR

	13858	GM_M07_A1_E02	GM_M07_A1_E02_MF	
	13859	GM_M07_A1_E02		GM_M07_A1_E02_MR
	13860	GM_M07_A1_E04		GM_M07_A1_E04_MR
	13861	GM_M07_A1_E06	GM_M07_A1_E06_MF	
5	13862	GM_M07_A1_E06		GM_M07_A1_E06_MR
	13863	GM_M07_A1_E07	GM_M07_A1_E07_MF	
	13864	GM_M07_A1_E07		GM_M07_A1_E07_MR
	13865	GM_M07_A1_E08	GM_M07_A1_E08_MF	
	13866	GM_M07_A1_E09		GM_M07_A1_E09_MR
10	13867	GM_M07_A1_E10		GM_M07_A1_E10_MR
	13868	GM_M07_A1_E11	GM_M07_A1_E11_MF	
	13869	GM_M07_A1_E11		GM_M07_A1_E11_MR
	13870	GM_M07_A1_E12	GM_M07_A1_E12_MF	
	13871	GM_M07_A1_F01	GM_M07_A1_F01_MF	
15	13872	GM_M07_A1_F01		GM_M07_A1_F01_MR
	13873	GM_M07_A1_F02	GM_M07_A1_F02_MF	
	13874	GM_M07_A1_F02		GM_M07_A1_F02_MR
	13875	GM_M07_A1_F03	GM_M07_A1_F03_MF	
	13876	GM_M07_A1_F03		GM_M07_A1_F03_MR
20	13877	GM_M07_A1_F04	GM_M07_A1_F04_MF	
	13878	GM_M07_A1_F04		GM_M07_A1_F04_MR
	13879	GM_M07_A1_F05	GM_M07_A1_F05_MF	
	13880	GM_M07_A1_F05		GM_M07_A1_F05_MR
	13881	GM_M07_A1_F06	GM_M07_A1_F06_MF	
25	13882	GM_M07_A1_F06		GM_M07_A1_F06_MR
	13883	GM_M07_A1_F07	GM_M07_A1_F07_MF	
	13884	GM_M07_A1_F07		GM_M07_A1_F07_MR
	13885	GM_M07_A1_F08	GM_M07_A1_F08_MF	
	13886	GM_M07_A1_F08		GM_M07_A1_F08_MR
30	13887	GM_M07_A1_F09	GM_M07_A1_F09_MF	
	13888	GM_M07_A1_F11	GM_M07_A1_F11_MF	
	13889	GM_M07_A1_F11		GM_M07_A1_F11_MR
	13890	GM_M07_A1_F12	GM_M07_A1_F12_MF	
	13891	GM_M07_A1_F12		GM_M07_A1_F12_MR
35	13892	GM_M07_A1_G01	GM_M07_A1_G01_MF	
	13893	GM_M07_A1_G01		GM_M07_A1_G01_MR
	13894	GM_M07_A1_G02	GM_M07_A1_G02_MF	
	13895	GM_M07_A1_G02		GM_M07_A1_G02_MR
	13896	GM_M07_A1_G03	GM_M07_A1_G03_MF	
40	13897	GM_M07_A1_G03		GM_M07_A1_G03_MR
	13898	GM_M07_A1_G04	GM_M07_A1_G04_MF	
	13899	GM_M07_A1_G04		GM_M07_A1_G04_MR
	13900	GM_M07_A1_G05	GM_M07_A1_G05_MF	
	13901	GM_M07_A1_G05		GM_M07_A1_G05_MR
45	13902	GM_M07_A1_G06	GM_M07_A1_G06_MF	
	13903	GM_M07_A1_G06		GM_M07_A1_G06_MR
	13904	GM_M07_A1_G07	GM_M07_A1_G07_MF	
	13905	GM_M07_A1_G07		GM_M07_A1_G07_MR
	13906	GM_M07_A1_G08	GM_M07_A1_G08_MF	
50	13907	GM_M07_A1_G08		GM_M07_A1_G08_MR
	13908	GM_M07_A1_G09	GM_M07_A1_G09_MF	
	13909	GM_M07_A1_G09		GM_M07_A1_G09_MR
	13910	GM_M07_A1_G10	GM_M07_A1_G10_MF	
	13911	GM_M07_A1_G10		GM_M07_A1_G10_MR
55	13912	GM_M07_A1_G11	GM_M07_A1_G11_MF	

	13913	GM_M07_A1_G11		GM_M07_A1_G11_MR
	13914	GM_M07_A1_G12	GM_M07_A1_G12_MF	
	13915	GM_M07_A1_G12		GM_M07_A1_G12_MR
	13916	GM_M07_A1_H01	GM_M07_A1_H01_MF	
5	13917	GM_M07_A1_H01		GM_M07_A1_H01_MR
	13918	GM_M07_A1_H02	GM_M07_A1_H02_MF	
	13919	GM_M07_A1_H02		GM_M07_A1_H02_MR
	13920	GM_M07_A1_H03	GM_M07_A1_H03_MF	
	13921	GM_M07_A1_H03		GM_M07_A1_H03_MR
10	13922	GM_M07_A1_H05	GM_M07_A1_H05_MF	
	13923	GM_M07_A1_H05		GM_M07_A1_H05_MR
	13924	GM_M07_A1_H07	GM_M07_A1_H07_MF	
	13925	GM_M07_A1_H07		GM_M07_A1_H07_MR
	13926	GM_M07_A1_H08		GM_M07_A1_H08_MR
15	13927	GM_M07_A1_H09	GM_M07_A1_H09_MF	
	13928	GM_M07_A1_H09		GM_M07_A1_H09_MR
	13929	GM_M07_A1_H10	GM_M07_A1_H10_MF	
	13930	GM_M07_A1_H10		GM_M07_A1_H10_MR
	13931	GM_M07_A1_H12	GM_M07_A1_H12_MF	
20	13932	GM_M07_A1_H12		GM_M07_A1_H12_MR
	13933	GM_M07_A2_A01	GM_M07_A2_A01_MF	
	13934	GM_M07_A2_A01		GM_M07_A2_A01_MR
	13935	GM_M07_A2_A02	GM_M07_A2_A02_MF	
	13936	GM_M07_A2_A02		GM_M07_A2_A02_MR
25	13937	GM_M07_A2_A03	GM_M07_A2_A03_MF	
	13938	GM_M07_A2_A03		GM_M07_A2_A03_MR
	13939	GM_M07_A2_A04	GM_M07_A2_A04_MF	
	13940	GM_M07_A2_A04		GM_M07_A2_A04_MR
	13941	GM_M07_A2_A05	GM_M07_A2_A05_MF	
30	13942	GM_M07_A2_A05		GM_M07_A2_A05_MR
	13943	GM_M07_A2_A06	GM_M07_A2_A06_MF	
	13944	GM_M07_A2_A06		GM_M07_A2_A06_MR
	13945	GM_M07_A2_A07	GM_M07_A2_A07_MF	
	13946	GM_M07_A2_A07		GM_M07_A2_A07_MR
35	13947	GM_M07_A2_A08	GM_M07_A2_A08_MF	
	13948	GM_M07_A2_A08		GM_M07_A2_A08_MR
	13949	GM_M07_A2_A09	GM_M07_A2_A09_MF	
	13950	GM_M07_A2_A09		GM_M07_A2_A09_MR
	13951	GM_M07_A2_A10	GM_M07_A2_A10_MF	
40	13952	GM_M07_A2_A10		GM_M07_A2_A10_MR
	13953	GM_M07_A2_A11	GM_M07_A2_A11_MF	
	13954	GM_M07_A2_A11		GM_M07_A2_A11_MR
	13955	GM_M07_A2_A12	GM_M07_A2_A12_MF	
	13956	GM_M07_A2_A12		GM_M07_A2_A12_MR
45	13957	GM_M07_A2_B01	GM_M07_A2_B01_MF	
	13958	GM_M07_A2_B01		GM_M07_A2_B01_MR
	13959	GM_M07_A2_B02	GM_M07_A2_B02_MF	
	13960	GM_M07_A2_B02		GM_M07_A2_B02_MR
	13961	GM_M07_A2_B03	GM_M07_A2_B03_MF	
50	13962	GM_M07_A2_B03		GM_M07_A2_B03_MR
	13963	GM_M07_A2_B04	GM_M07_A2_B04_MF	
	13964	GM_M07_A2_B04		GM_M07_A2_B04_MR
	13965	GM_M07_A2_B05	GM_M07_A2_B05_MF	
	13966	GM_M07_A2_B05		GM_M07_A2_B05_MR
55	13967	GM_M07_A2_B06	GM_M07_A2_B06_MF	

	13968	GM_M07_A2_B06		GM_M07_A2_B06_MR
	13969	GM_M07_A2_B07	GM_M07_A2_B07_MF	
	13970	GM_M07_A2_B07		GM_M07_A2_B07_MR
	13971	GM_M07_A2_B08	GM_M07_A2_B08_MF	
5	13972	GM_M07_A2_B08		GM_M07_A2_B08_MR
	13973	GM_M07_A2_B09	GM_M07_A2_B09_MF	
	13974	GM_M07_A2_B09		GM_M07_A2_B09_MR
	13975	GM_M07_A2_B10	GM_M07_A2_B10_MF	
	13976	GM_M07_A2_B10		GM_M07_A2_B10_MR
10	13977	GM_M07_A2_B11	GM_M07_A2_B11_MF	
	13978	GM_M07_A2_B11		GM_M07_A2_B11_MR
	13979	GM_M07_A2_B12	GM_M07_A2_B12_MF	
	13980	GM_M07_A2_B12		GM_M07_A2_B12_MR
	13981	GM_M07_A2_C01	GM_M07_A2_C01_MF	
15	13982	GM_M07_A2_C01		GM_M07_A2_C01_MR
	13983	GM_M07_A2_C02	GM_M07_A2_C02_MF	
	13984	GM_M07_A2_C02		GM_M07_A2_C02_MR
	13985	GM_M07_A2_C03	GM_M07_A2_C03_MF	
	13986	GM_M07_A2_C03		GM_M07_A2_C03_MR
20	13987	GM_M07_A2_C04	GM_M07_A2_C04_MF	
	13988	GM_M07_A2_C04		GM_M07_A2_C04_MR
	13989	GM_M07_A2_C05	GM_M07_A2_C05_MF	
	13990	GM_M07_A2_C05		GM_M07_A2_C05_MR
	13991	GM_M07_A2_C06	GM_M07_A2_C06_MF	
25	13992	GM_M07_A2_C06		GM_M07_A2_C06_MR
	13993	GM_M07_A2_C07	GM_M07_A2_C07_MF	
	13994	GM_M07_A2_C07		GM_M07_A2_C07_MR
	13995	GM_M07_A2_C08	GM_M07_A2_C08_MF	
	13996	GM_M07_A2_C08		GM_M07_A2_C08_MR
30	13997	GM_M07_A2_C09	GM_M07_A2_C09_MF	
	13998	GM_M07_A2_C09		GM_M07_A2_C09_MR
	13999	GM_M07_A2_C10	GM_M07_A2_C10_MF	
	14000	GM_M07_A2_C10		GM_M07_A2_C10_MR
	14001	GM_M07_A2_C11	GM_M07_A2_C11_MF	
35	14002	GM_M07_A2_C11		GM_M07_A2_C11_MR
	14003	GM_M07_A2_C12	GM_M07_A2_C12_MF	
	14004	GM_M07_A2_C12		GM_M07_A2_C12_MR
	14005	GM_M07_A2_D01	GM_M07_A2_D01_MF	
	14006	GM_M07_A2_D01		GM_M07_A2_D01_MR
40	14007	GM_M07_A2_D02	GM_M07_A2_D02_MF	
	14008	GM_M07_A2_D02		GM_M07_A2_D02_MR
	14009	GM_M07_A2_D03	GM_M07_A2_D03_MF	
	14010	GM_M07_A2_D03		GM_M07_A2_D03_MR
	14011	GM_M07_A2_D04	GM_M07_A2_D04_MF	
45	14012	GM_M07_A2_D04		GM_M07_A2_D04_MR
	14013	GM_M07_A2_D05	GM_M07_A2_D05_MF	
	14014	GM_M07_A2_D05		GM_M07_A2_D05_MR
	14015	GM_M07_A2_D06	GM_M07_A2_D06_MF	
	14016	GM_M07_A2_D06		GM_M07_A2_D06_MR
50	14017	GM_M07_A2_D07	GM_M07_A2_D07_MF	
	14018	GM_M07_A2_D07		GM_M07_A2_D07_MR
	14019	GM_M07_A2_D08	GM_M07_A2_D08_MF	
	14020	GM_M07_A2_D08		GM_M07_A2_D08_MR
	14021	GM_M07_A2_D09	GM_M07_A2_D09_MF	
55	14022	GM_M07_A2_D09		GM_M07_A2_D09_MR

	14023	GM_M07_A2_D10	GM_M07_A2_D10_MF	
	14024	GM_M07_A2_D10		GM_M07_A2_D10_MR
	14025	GM_M07_A2_D11	GM_M07_A2_D11_MF	
	14026	GM_M07_A2_D11		GM_M07_A2_D11_MR
5	14027	GM_M07_A2_D12	GM_M07_A2_D12_MF	
	14028	GM_M07_A2_D12		GM_M07_A2_D12_MR
	14029	GM_M07_A2_E01	GM_M07_A2_E01_MF	
	14030	GM_M07_A2_E01		GM_M07_A2_E01_MR
	14031	GM_M07_A2_E02	GM_M07_A2_E02_MF	
10	14032	GM_M07_A2_E02		GM_M07_A2_E02_MR
	14033	GM_M07_A2_E03	GM_M07_A2_E03_MF	
	14034	GM_M07_A2_E03		GM_M07_A2_E03_MR
	14035	GM_M07_A2_E04	GM_M07_A2_E04_MF	
	14036	GM_M07_A2_E04		GM_M07_A2_E04_MR
15	14037	GM_M07_A2_E05	GM_M07_A2_E05_MF	
	14038	GM_M07_A2_E05		GM_M07_A2_E05_MR
	14039	GM_M07_A2_E06	GM_M07_A2_E06_MF	
	14040	GM_M07_A2_E06		GM_M07_A2_E06_MR
	14041	GM_M07_A2_E07	GM_M07_A2_E07_MF	
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	14043	GM_M07_A2_E08	GM_M07_A2_E08_MF	
	14044	GM_M07_A2_E08		GM_M07_A2_E08_MR
	14045	GM_M07_A2_E09	GM_M07_A2_E09_MF	
	14046	GM_M07_A2_E09		GM_M07_A2_E09_MR
25	14047	GM_M07_A2_E10	GM_M07_A2_E10_MF	
	14048	GM_M07_A2_E10		GM_M07_A2_E10_MR
	14049	GM_M07_A2_E11	GM_M07_A2_E11_MF	
	14050	GM_M07_A2_E11		GM_M07_A2_E11_MR
	14051	GM_M07_A2_E12	GM_M07_A2_E12_MF	
30	14052	GM_M07_A2_E12		GM_M07_A2_E12_MR
	14053	GM_M07_A2_F01	GM_M07_A2_F01_MF	
	14054	GM_M07_A2_F01		GM_M07_A2_F01_MR
	14055	GM_M07_A2_F02	GM_M07_A2_F02_MF	
	14056	GM_M07_A2_F02		GM_M07_A2_F02_MR
35	14057	GM_M07_A2_F03	GM_M07_A2_F03_MF	
	14058	GM_M07_A2_F03		GM_M07_A2_F03_MR
	14059	GM_M07_A2_F04	GM_M07_A2_F04_MF	
	14060	GM_M07_A2_F04		GM_M07_A2_F04_MR
	14061	GM_M07_A2_F05	GM_M07_A2_F05_MF	
40	14062	GM_M07_A2_F05		GM_M07_A2_F05_MR
	14063	GM_M07_A2_F06	GM_M07_A2_F06_MF	
	14064	GM_M07_A2_F06		GM_M07_A2_F06_MR
	14065	GM_M07_A2_F07	GM_M07_A2_F07_MF	
	14066	GM_M07_A2_F07		GM_M07_A2_F07_MR
45	14067	GM_M07_A2_F08	GM_M07_A2_F08_MF	
	14068	GM_M07_A2_F08		GM_M07_A2_F08_MR
	14069	GM_M07_A2_F09	GM_M07_A2_F09_MF	
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	14071	GM_M07_A2_F10	GM_M07_A2_F10_MF	
50	14072	GM_M07_A2_F10		GM_M07_A2_F10_MR
	14073	GM_M07_A2_F11	GM_M07_A2_F11_MF	
	14074	GM_M07_A2_F11		GM_M07_A2_F11_MR
	14075	GM_M07_A2_F12	GM_M07_A2_F12_MF	
	14076	GM_M07_A2_F12		GM_M07_A2_F12_MR
55	14077	GM_M07_A2_G01	GM_M07_A2_G01_MF	

	14078	GM_M07_A2_G01		GM_M07_A2_G01_MR
	14079	GM_M07_A2_G02	GM_M07_A2_G02_MF	
	14080	GM_M07_A2_G02		GM_M07_A2_G02_MR
	14081	GM_M07_A2_G03	GM_M07_A2_G03_MF	
5	14082	GM_M07_A2_G03		GM_M07_A2_G03_MR
	14083	GM_M07_A2_G04	GM_M07_A2_G04_MF	
	14084	GM_M07_A2_G04		GM_M07_A2_G04_MR
	14085	GM_M07_A2_G05	GM_M07_A2_G05_MF	
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	14089	GM_M07_A2_G07	GM_M07_A2_G07_MF	
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	14091	GM_M07_A2_G08	GM_M07_A2_G08_MF	
15	14092	GM_M07_A2_G08		GM_M07_A2_G08_MR
	14093	GM_M07_A2_G09	GM_M07_A2_G09_MF	
	14094	GM_M07_A2_G09		GM_M07_A2_G09_MR
	14095	GM_M07_A2_G10	GM_M07_A2_G10_MF	
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	14099	GM_M07_A2_G12	GM_M07_A2_G12_MF	
	14100	GM_M07_A2_G12		GM_M07_A2_G12_MR
	14101	GM_M07_A2_H01	GM_M07_A2_H01_MF	
25	14102	GM_M07_A2_H01		GM_M07_A2_H01_MR
	14103	GM_M07_A2_H02	GM_M07_A2_H02_MF	
	14104	GM_M07_A2_H02		GM_M07_A2_H02_MR
	14105	GM_M07_A2_H03	GM_M07_A2_H03_MF	
	14106	GM_M07_A2_H03		GM_M07_A2_H03_MR
30	14107	GM_M07_A2_H04	GM_M07_A2_H04_MF	
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	14109	GM_M07_A2_H05	GM_M07_A2_H05_MF	
	14110	GM_M07_A2_H05		GM_M07_A2_H05_MR
	14111	GM_M07_A2_H06	GM_M07_A2_H06_MF	
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	14114	GM_M07_A2_H07		GM_M07_A2_H07_MR
	14115	GM_M07_A2_H08	GM_M07_A2_H08_MF	
	14116	GM_M07_A2_H08		GM_M07_A2_H08_MR
40	14117	GM_M07_A2_H09	GM_M07_A2_H09_MF	
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	14119	GM_M07_A2_H10	GM_M07_A2_H10_MF	
	14120	GM_M07_A2_H10		GM_M07_A2_H10_MR
	14121	GM_M07_A2_H11	GM_M07_A2_H11_MF	
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	14123	GM_M07_A2_H12	GM_M07_A2_H12_MF	
	14124	GM_M07_A2_H12		GM_M07_A2_H12_MR
	14125	GM_M07_B1_A01	GM_M07_B1_A01_MF	
	14126	GM_M07_B1_A01		GM_M07_B1_A01_MR
50	14127	GM_M07_B1_A02	GM_M07_B1_A02_MF	
	14128	GM_M07_B1_A02		GM_M07_B1_A02_MR
	14129	GM_M07_B1_A03	GM_M07_B1_A03_MF	
	14130	GM_M07_B1_A03		GM_M07_B1_A03_MR
	14131	GM_M07_B1_A04	GM_M07_B1_A04_MF	
55	14132	GM_M07_B1_A04		GM_M07_B1_A04_MR

	14133	GM_M07_B1_A05	GM_M07_B1_A05_MF	GM_M07_B1_A05_MR
	14134	GM_M07_B1_A05		
	14135	GM_M07_B1_A07	GM_M07_B1_A07_MF	GM_M07_B1_A07_MR
	14136	GM_M07_B1_A07		
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	14138	GM_M07_B1_A08		
	14139	GM_M07_B1_A09	GM_M07_B1_A09_MF	GM_M07_B1_A09_MR
	14140	GM_M07_B1_A09		
	14141	GM_M07_B1_A10	GM_M07_B1_A10_MF	GM_M07_B1_A10_MR
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	14143	GM_M07_B1_A11	GM_M07_B1_A11_MF	GM_M07_B1_A11_MR
	14144	GM_M07_B1_A11		
	14145	GM_M07_B1_B01	GM_M07_B1_B01_MF	GM_M07_B1_B01_MR
	14146	GM_M07_B1_B01		
15	14147	GM_M07_B1_B02	GM_M07_B1_B02_MF	GM_M07_B1_B02_MR
	14148	GM_M07_B1_B02		
	14149	GM_M07_B1_B03	GM_M07_B1_B03_MF	GM_M07_B1_B03_MR
	14150	GM_M07_B1_B03		
	14151	GM_M07_B1_B04	GM_M07_B1_B04_MF	GM_M07_B1_B04_MR
20	14152	GM_M07_B1_B04		
	14153	GM_M07_B1_B05	GM_M07_B1_B05_MF	GM_M07_B1_B05_MR
	14154	GM_M07_B1_B05		
	14155	GM_M07_B1_B07	GM_M07_B1_B07_MF	GM_M07_B1_B07_MR
	14156	GM_M07_B1_B07		
25	14157	GM_M07_B1_B08	GM_M07_B1_B08_MF	GM_M07_B1_B08_MR
	14158	GM_M07_B1_B08		
	14159	GM_M07_B1_B09	GM_M07_B1_B09_MF	GM_M07_B1_B09_MR
	14160	GM_M07_B1_B09		
	14161	GM_M07_B1_B10	GM_M07_B1_B10_MF	GM_M07_B1_B10_MR
30	14162	GM_M07_B1_B10		
	14163	GM_M07_B1_B11	GM_M07_B1_B11_MF	GM_M07_B1_B11_MR
	14164	GM_M07_B1_B11		
	14165	GM_M07_B1_B12	GM_M07_B1_B12_MF	GM_M07_B1_B12_MR
	14166	GM_M07_B1_B12		
35	14167	GM_M07_B1_C01	GM_M07_B1_C01_MF	GM_M07_B1_C01_MR
	14168	GM_M07_B1_C01		
	14169	GM_M07_B1_C02	GM_M07_B1_C02_MF	GM_M07_B1_C02_MR
	14170	GM_M07_B1_C02		
	14171	GM_M07_B1_C03	GM_M07_B1_C03_MF	GM_M07_B1_C03_MR
40	14172	GM_M07_B1_C03		
	14173	GM_M07_B1_C04	GM_M07_B1_C04_MF	GM_M07_B1_C04_MR
	14174	GM_M07_B1_C04		
	14175	GM_M07_B1_C05	GM_M07_B1_C05_MF	GM_M07_B1_C05_MR
	14176	GM_M07_B1_C05		
45	14177	GM_M07_B1_C06	GM_M07_B1_C06_MF	GM_M07_B1_C06_MR
	14178	GM_M07_B1_C06		
	14179	GM_M07_B1_C07	GM_M07_B1_C07_MF	GM_M07_B1_C07_MR
	14180	GM_M07_B1_C07		
	14181	GM_M07_B1_C08	GM_M07_B1_C08_MF	GM_M07_B1_C08_MR
50	14182	GM_M07_B1_C08		
	14183	GM_M07_B1_C09	GM_M07_B1_C09_MF	GM_M07_B1_C09_MR
	14184	GM_M07_B1_C09		
	14185	GM_M07_B1_C10	GM_M07_B1_C10_MF	GM_M07_B1_C10_MR
	14186	GM_M07_B1_C10		
55	14187	GM_M07_B1_C11	GM_M07_B1_C11_MF	

	14188	GM_M07_B1_C11		GM_M07_B1_C11_MR
	14189	GM_M07_B1_C12	GM_M07_B1_C12_MF	
	14190	GM_M07_B1_C12		GM_M07_B1_C12_MR
	14191	GM_M07_B1_D01	GM_M07_B1_D01_MF	
5	14192	GM_M07_B1_D01		GM_M07_B1_D01_MR
	14193	GM_M07_B1_D02	GM_M07_B1_D02_MF	
	14194	GM_M07_B1_D02		GM_M07_B1_D02_MR
	14195	GM_M07_B1_D03	GM_M07_B1_D03_MF	
	14196	GM_M07_B1_D03		GM_M07_B1_D03_MR
10	14197	GM_M07_B1_D04	GM_M07_B1_D04_MF	
	14198	GM_M07_B1_D04		GM_M07_B1_D04_MR
	14199	GM_M07_B1_D05	GM_M07_B1_D05_MF	
	14200	GM_M07_B1_D05		GM_M07_B1_D05_MR
	14201	GM_M07_B1_D06	GM_M07_B1_D06_MF	
15	14202	GM_M07_B1_D06		GM_M07_B1_D06_MR
	14203	GM_M07_B1_D07	GM_M07_B1_D07_MF	
	14204	GM_M07_B1_D07		GM_M07_B1_D07_MR
	14205	GM_M07_B1_D08	GM_M07_B1_D08_MF	
	14206	GM_M07_B1_D08		GM_M07_B1_D08_MR
20	14207	GM_M07_B1_D09	GM_M07_B1_D09_MF	
	14208	GM_M07_B1_D09		GM_M07_B1_D09_MR
	14209	GM_M07_B1_D10	GM_M07_B1_D10_MF	
	14210	GM_M07_B1_D10		GM_M07_B1_D10_MR
	14211	GM_M07_B1_D11	GM_M07_B1_D11_MF	
25	14212	GM_M07_B1_D11		GM_M07_B1_D11_MR
	14213	GM_M07_B1_E01	GM_M07_B1_E01_MF	
	14214	GM_M07_B1_E01		GM_M07_B1_E01_MR
	14215	GM_M07_B1_E02	GM_M07_B1_E02_MF	
	14216	GM_M07_B1_E02		GM_M07_B1_E02_MR
30	14217	GM_M07_B1_E03	GM_M07_B1_E03_MF	
	14218	GM_M07_B1_E03		GM_M07_B1_E03_MR
	14219	GM_M07_B1_E04	GM_M07_B1_E04_MF	
	14220	GM_M07_B1_E05	GM_M07_B1_E05_MF	
	14221	GM_M07_B1_E05		GM_M07_B1_E05_MR
35	14222	GM_M07_B1_E06	GM_M07_B1_E06_MF	
	14223	GM_M07_B1_E06		GM_M07_B1_E06_MR
	14224	GM_M07_B1_E07	GM_M07_B1_E07_MF	
	14225	GM_M07_B1_E07		GM_M07_B1_E07_MR
	14226	GM_M07_B1_E08	GM_M07_B1_E08_MF	
40	14227	GM_M07_B1_E08		GM_M07_B1_E08_MR
	14228	GM_M07_B1_E09	GM_M07_B1_E09_MF	
	14229	GM_M07_B1_E09		GM_M07_B1_E09_MR
	14230	GM_M07_B1_E10	GM_M07_B1_E10_MF	
	14231	GM_M07_B1_E10		GM_M07_B1_E10_MR
45	14232	GM_M07_B1_E11	GM_M07_B1_E11_MF	
	14233	GM_M07_B1_E11		GM_M07_B1_E11_MR
	14234	GM_M07_B1_E12	GM_M07_B1_E12_MF	
	14235	GM_M07_B1_E12		GM_M07_B1_E12_MR
	14236	GM_M07_B1_F01	GM_M07_B1_F01_MF	
50	14237	GM_M07_B1_F01		GM_M07_B1_F01_MR
	14238	GM_M07_B1_F02	GM_M07_B1_F02_MF	
	14239	GM_M07_B1_F02		GM_M07_B1_F02_MR
	14240	GM_M07_B1_F03	GM_M07_B1_F03_MF	
	14241	GM_M07_B1_F03		GM_M07_B1_F03_MR
55	14242	GM_M07_B1_F04	GM_M07_B1_F04_MF	

	14243	GM_M07_B1_F04		GM_M07_B1_F04_MR
	14244	GM_M07_B1_F05	GM_M07_B1_F05_MF	
	14245	GM_M07_B1_F05		GM_M07_B1_F05_MR
	14246	GM_M07_B1_F06	GM_M07_B1_F06_MF	
5	14247	GM_M07_B1_F06		GM_M07_B1_F06_MR
	14248	GM_M07_B1_F07	GM_M07_B1_F07_MF	
	14249	GM_M07_B1_F07		GM_M07_B1_F07_MR
	14250	GM_M07_B1_F08	GM_M07_B1_F08_MF	
	14251	GM_M07_B1_F08		GM_M07_B1_F08_MR
10	14252	GM_M07_B1_F09	GM_M07_B1_F09_MF	
	14253	GM_M07_B1_F09		GM_M07_B1_F09_MR
	14254	GM_M07_B1_F10	GM_M07_B1_F10_MF	
	14255	GM_M07_B1_F10		GM_M07_B1_F10_MR
	14256	GM_M07_B1_F11	GM_M07_B1_F11_MF	
15	14257	GM_M07_B1_F11		GM_M07_B1_F11_MR
	14258	GM_M07_B1_F12	GM_M07_B1_F12_MF	
	14259	GM_M07_B1_F12		GM_M07_B1_F12_MR
	14260	GM_M07_B1_G01	GM_M07_B1_G01_MF	
	14261	GM_M07_B1_G01		GM_M07_B1_G01_MR
20	14262	GM_M07_B1_G02	GM_M07_B1_G02_MF	
	14263	GM_M07_B1_G02		GM_M07_B1_G02_MR
	14264	GM_M07_B1_G03	GM_M07_B1_G03_MF	
	14265	GM_M07_B1_G03		GM_M07_B1_G03_MR
	14266	GM_M07_B1_G04	GM_M07_B1_G04_MF	
25	14267	GM_M07_B1_G04		GM_M07_B1_G04_MR
	14268	GM_M07_B1_G05	GM_M07_B1_G05_MF	
	14269	GM_M07_B1_G05		GM_M07_B1_G05_MR
	14270	GM_M07_B1_G06	GM_M07_B1_G06_MF	
	14271	GM_M07_B1_G06		GM_M07_B1_G06_MR
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	14273	GM_M07_B1_G07		GM_M07_B1_G07_MR
	14274	GM_M07_B1_G08	GM_M07_B1_G08_MF	
	14275	GM_M07_B1_G08		GM_M07_B1_G08_MR
	14276	GM_M07_B1_G09	GM_M07_B1_G09_MF	
35	14277	GM_M07_B1_G09		GM_M07_B1_G09_MR
	14278	GM_M07_B1_G10	GM_M07_B1_G10_MF	
	14279	GM_M07_B1_G10		GM_M07_B1_G10_MR
	14280	GM_M07_B1_G11	GM_M07_B1_G11_MF	
	14281	GM_M07_B1_G11		GM_M07_B1_G11_MR
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	14283	GM_M07_B1_G12		GM_M07_B1_G12_MR
	14284	GM_M07_B1_H01	GM_M07_B1_H01_MF	
	14285	GM_M07_B1_H01		GM_M07_B1_H01_MR
	14286	GM_M07_B1_H02	GM_M07_B1_H02_MF	
45	14287	GM_M07_B1_H02		GM_M07_B1_H02_MR
	14288	GM_M07_B1_H03	GM_M07_B1_H03_MF	
	14289	GM_M07_B1_H03		GM_M07_B1_H03_MR
	14290	GM_M07_B1_H04	GM_M07_B1_H04_MF	
	14291	GM_M07_B1_H04		GM_M07_B1_H04_MR
50	14292	GM_M07_B1_H05	GM_M07_B1_H05_MF	
	14293	GM_M07_B1_H05		GM_M07_B1_H05_MR
	14294	GM_M07_B1_H06	GM_M07_B1_H06_MF	
	14295	GM_M07_B1_H06		GM_M07_B1_H06_MR
	14296	GM_M07_B1_H07	GM_M07_B1_H07_MF	
55	14297	GM_M07_B1_H07		GM_M07_B1_H07_MR

	14298	GM_M07_B1_H08	GM_M07_B1_H08_MF	
	14299	GM_M07_B1_H08		GM_M07_B1_H08_MR
	14300	GM_M07_B1_H09	GM_M07_B1_H09_MF	
	14301	GM_M07_B1_H09		GM_M07_B1_H09_MR
5	14302	GM_M07_B1_H10	GM_M07_B1_H10_MF	
	14303	GM_M07_B1_H10		GM_M07_B1_H10_MR
	14304	GM_M07_B1_H11	GM_M07_B1_H11_MF	
	14305	GM_M07_B1_H11		GM_M07_B1_H11_MR
	14306	GM_M07_B1_H12	GM_M07_B1_H12_MF	
10	14307	GM_M07_B1_H12		GM_M07_B1_H12_MR
	14308	GM_M09_B1_A01	GM_M09_B1_A01_MF	
	14309	GM_M09_B1_A01		GM_M09_B1_A01_MR
	14310	GM_M09_B1_A02	GM_M09_B1_A02_MF	
	14311	GM_M09_B1_A02		GM_M09_B1_A02_MR
15	14312	GM_M09_B1_A03	GM_M09_B1_A03_MF	
	14313	GM_M09_B1_A03		GM_M09_B1_A03_MR
	14314	GM_M09_B1_A04	GM_M09_B1_A04_MF	
	14315	GM_M09_B1_A04		GM_M09_B1_A04_MR
	14316	GM_M09_B1_A05	GM_M09_B1_A05_MF	
20	14317	GM_M09_B1_A05		GM_M09_B1_A05_MR
	14318	GM_M09_B1_A06	GM_M09_B1_A06_MF	
	14319	GM_M09_B1_A06		GM_M09_B1_A06_MR
	14320	GM_M09_B1_A07	GM_M09_B1_A07_MF	
	14321	GM_M09_B1_A07		GM_M09_B1_A07_MR
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	14323	GM_M09_B1_A08		GM_M09_B1_A08_MR
	14324	GM_M09_B1_A09	GM_M09_B1_A09_MF	
	14325	GM_M09_B1_A09		GM_M09_B1_A09_MR
	14326	GM_M09_B1_A11	GM_M09_B1_A11_MF	
30	14327	GM_M09_B1_A11		GM_M09_B1_A11_MR
	14328	GM_M09_B1_A12	GM_M09_B1_A12_MF	
	14329	GM_M09_B1_A12		GM_M09_B1_A12_MR
	14330	GM_M09_B1_B01	GM_M09_B1_B01_MF	
	14331	GM_M09_B1_B01		GM_M09_B1_B01_MR
35	14332	GM_M09_B1_B02	GM_M09_B1_B02_MF	
	14333	GM_M09_B1_B02		GM_M09_B1_B02_MR
	14334	GM_M09_B1_B03	GM_M09_B1_B03_MF	
	14335	GM_M09_B1_B03		GM_M09_B1_B03_MR
	14336	GM_M09_B1_B04	GM_M09_B1_B04_MF	
40	14337	GM_M09_B1_B04		GM_M09_B1_B04_MR
	14338	GM_M09_B1_B05	GM_M09_B1_B05_MF	
	14339	GM_M09_B1_B05		GM_M09_B1_B05_MR
	14340	GM_M09_B1_B06	GM_M09_B1_B06_MF	
	14341	GM_M09_B1_B06		GM_M09_B1_B06_MR
45	14342	GM_M09_B1_B07	GM_M09_B1_B07_MF	
	14343	GM_M09_B1_B07		GM_M09_B1_B07_MR
	14344	GM_M09_B1_B08	GM_M09_B1_B08_MF	
	14345	GM_M09_B1_B08		GM_M09_B1_B08_MR
	14346	GM_M09_B1_B09	GM_M09_B1_B09_MF	
50	14347	GM_M09_B1_B09		GM_M09_B1_B09_MR
	14348	GM_M09_B1_B10	GM_M09_B1_B10_MF	
	14349	GM_M09_B1_B10		GM_M09_B1_B10_MR
	14350	GM_M09_B1_B11	GM_M09_B1_B11_MF	
	14351	GM_M09_B1_B11		GM_M09_B1_B11_MR
55	14352	GM_M09_B1_B12	GM_M09_B1_B12_MF	

	14353	GM_M09_B1_B12		GM_M09_B1_B12_MR
	14354	GM_M09_B1_C01	GM_M09_B1_C01_MF	
	14355	GM_M09_B1_C01		GM_M09_B1_C01_MR
	14356	GM_M09_B1_C02	GM_M09_B1_C02_MF	
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	14358	GM_M09_B1_C03	GM_M09_B1_C03_MF	
	14359	GM_M09_B1_C03		GM_M09_B1_C03_MR
	14360	GM_M09_B1_C04	GM_M09_B1_C04_MF	
	14361	GM_M09_B1_C04		GM_M09_B1_C04_MR
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	14363	GM_M09_B1_C05		GM_M09_B1_C05_MR
	14364	GM_M09_B1_C06	GM_M09_B1_C06_MF	
	14365	GM_M09_B1_C06		GM_M09_B1_C06_MR
	14366	GM_M09_B1_C07	GM_M09_B1_C07_MF	
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	14368	GM_M09_B1_C08	GM_M09_B1_C08_MF	
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	14370	GM_M09_B1_C09	GM_M09_B1_C09_MF	
	14371	GM_M09_B1_C09		GM_M09_B1_C09_MR
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	14374	GM_M09_B1_C11	GM_M09_B1_C11_MF	
	14375	GM_M09_B1_C11		GM_M09_B1_C11_MR
	14376	GM_M09_B1_C12	GM_M09_B1_C12_MF	
25	14377	GM_M09_B1_C12		GM_M09_B1_C12_MR
	14378	GM_M09_B1_D01	GM_M09_B1_D01_MF	
	14379	GM_M09_B1_D01		GM_M09_B1_D01_MR
	14380	GM_M09_B1_D02	GM_M09_B1_D02_MF	
	14381	GM_M09_B1_D02		GM_M09_B1_D02_MR
30	14382	GM_M09_B1_D03	GM_M09_B1_D03_MF	
	14383	GM_M09_B1_D03		GM_M09_B1_D03_MR
	14384	GM_M09_B1_D04	GM_M09_B1_D04_MF	
	14385	GM_M09_B1_D04		GM_M09_B1_D04_MR
	14386	GM_M09_B1_D05	GM_M09_B1_D05_MF	
35	14387	GM_M09_B1_D05		GM_M09_B1_D05_MR
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	14389	GM_M09_B1_D06		GM_M09_B1_D06_MR
	14390	GM_M09_B1_D07	GM_M09_B1_D07_MF	
	14391	GM_M09_B1_D07		GM_M09_B1_D07_MR
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	14394	GM_M09_B1_D09	GM_M09_B1_D09_MF	
	14395	GM_M09_B1_D09		GM_M09_B1_D09_MR
	14396	GM_M09_B1_D10	GM_M09_B1_D10_MF	
45	14397	GM_M09_B1_D10		GM_M09_B1_D10_MR
	14398	GM_M09_B1_D11	GM_M09_B1_D11_MF	
	14399	GM_M09_B1_D11		GM_M09_B1_D11_MR
	14400	GM_M09_B1_D12	GM_M09_B1_D12_MF	
	14401	GM_M09_B1_D12		GM_M09_B1_D12_MR
50	14402	GM_M09_B1_E01	GM_M09_B1_E01_MF	
	14403	GM_M09_B1_E01		GM_M09_B1_E01_MR
	14404	GM_M09_B1_E02	GM_M09_B1_E02_MF	
	14405	GM_M09_B1_E02		GM_M09_B1_E02_MR
	14406	GM_M09_B1_E03	GM_M09_B1_E03_MF	
55	14407	GM_M09_B1_E03		GM_M09_B1_E03_MR

	14408	GM_M09_B1_E04	GM_M09_B1_E04_MF	
	14409	GM_M09_B1_E04		GM_M09_B1_E04_MR
	14410	GM_M09_B1_E05	GM_M09_B1_E05_MF	
	14411	GM_M09_B1_E05		GM_M09_B1_E05_MR
5	14412	GM_M09_B1_E06	GM_M09_B1_E06_MF	
	14413	GM_M09_B1_E06		GM_M09_B1_E06_MR
	14414	GM_M09_B1_E07	GM_M09_B1_E07_MF	
	14415	GM_M09_B1_E07		GM_M09_B1_E07_MR
	14416	GM_M09_B1_E08	GM_M09_B1_E08_MF	
10	14417	GM_M09_B1_E08		GM_M09_B1_E08_MR
	14418	GM_M09_B1_E09	GM_M09_B1_E09_MF	
	14419	GM_M09_B1_E09		GM_M09_B1_E09_MR
	14420	GM_M09_B1_E10	GM_M09_B1_E10_MF	
	14421	GM_M09_B1_E10		GM_M09_B1_E10_MR
15	14422	GM_M09_B1_E11	GM_M09_B1_E11_MF	
	14423	GM_M09_B1_E11		GM_M09_B1_E11_MR
	14424	GM_M09_B1_E12	GM_M09_B1_E12_MF	
	14425	GM_M09_B1_E12		GM_M09_B1_E12_MR
	14426	GM_M09_B1_F01	GM_M09_B1_F01_MF	
20	14427	GM_M09_B1_F01		GM_M09_B1_F01_MR
	14428	GM_M09_B1_F02	GM_M09_B1_F02_MF	
	14429	GM_M09_B1_F02		GM_M09_B1_F02_MR
	14430	GM_M09_B1_F03	GM_M09_B1_F03_MF	
	14431	GM_M09_B1_F03		GM_M09_B1_F03_MR
25	14432	GM_M09_B1_F04	GM_M09_B1_F04_MF	
	14433	GM_M09_B1_F04		GM_M09_B1_F04_MR
	14434	GM_M09_B1_F05	GM_M09_B1_F05_MF	
	14435	GM_M09_B1_F05		GM_M09_B1_F05_MR
	14436	GM_M09_B1_F06	GM_M09_B1_F06_MF	
30	14437	GM_M09_B1_F06		GM_M09_B1_F06_MR
	14438	GM_M09_B1_F07	GM_M09_B1_F07_MF	
	14439	GM_M09_B1_F07		GM_M09_B1_F07_MR
	14440	GM_M09_B1_F08	GM_M09_B1_F08_MF	
	14441	GM_M09_B1_F08		GM_M09_B1_F08_MR
35	14442	GM_M09_B1_F09	GM_M09_B1_F09_MF	
	14443	GM_M09_B1_F09		GM_M09_B1_F09_MR
	14444	GM_M09_B1_F10	GM_M09_B1_F10_MF	
	14445	GM_M09_B1_F10		GM_M09_B1_F10_MR
	14446	GM_M09_B1_F11	GM_M09_B1_F11_MF	
40	14447	GM_M09_B1_F11		GM_M09_B1_F11_MR
	14448	GM_M09_B1_F12	GM_M09_B1_F12_MF	
	14449	GM_M09_B1_F12		GM_M09_B1_F12_MR
	14450	GM_M09_B1_G01	GM_M09_B1_G01_MF	
	14451	GM_M09_B1_G01		GM_M09_B1_G01_MR
45	14452	GM_M09_B1_G02	GM_M09_B1_G02_MF	
	14453	GM_M09_B1_G02		GM_M09_B1_G02_MR
	14454	GM_M09_B1_G03	GM_M09_B1_G03_MF	
	14455	GM_M09_B1_G03		GM_M09_B1_G03_MR
	14456	GM_M09_B1_G04	GM_M09_B1_G04_MF	
50	14457	GM_M09_B1_G04		GM_M09_B1_G04_MR
	14458	GM_M09_B1_G05	GM_M09_B1_G05_MF	
	14459	GM_M09_B1_G05		GM_M09_B1_G05_MR
	14460	GM_M09_B1_G06	GM_M09_B1_G06_MF	
	14461	GM_M09_B1_G06		GM_M09_B1_G06_MR
55	14462	GM_M09_B1_G07	GM_M09_B1_G07_MF	

	14463	GM_M09_B1_G07		GM_M09_B1_G07_MR
	14464	GM_M09_B1_G08	GM_M09_B1_G08_MF	
	14465	GM_M09_B1_G08		GM_M09_B1_G08_MR
	14466	GM_M09_B1_G09	GM_M09_B1_G09_MF	
5	14467	GM_M09_B1_G09		GM_M09_B1_G09_MR
	14468	GM_M09_B1_G10	GM_M09_B1_G10_MF	
	14469	GM_M09_B1_G10		GM_M09_B1_G10_MR
	14470	GM_M09_B1_G11	GM_M09_B1_G11_MF	
	14471	GM_M09_B1_G11		GM_M09_B1_G11_MR
10	14472	GM_M09_B1_G12	GM_M09_B1_G12_MF	
	14473	GM_M09_B1_G12		GM_M09_B1_G12_MR
	14474	GM_M09_B1_H01	GM_M09_B1_H01_MF	
	14475	GM_M09_B1_H01		GM_M09_B1_H01_MR
	14476	GM_M09_B1_H02	GM_M09_B1_H02_MF	
15	14477	GM_M09_B1_H02		GM_M09_B1_H02_MR
	14478	GM_M09_B1_H03	GM_M09_B1_H03_MF	
	14479	GM_M09_B1_H03		GM_M09_B1_H03_MR
	14480	GM_M09_B1_H04	GM_M09_B1_H04_MF	
	14481	GM_M09_B1_H04		GM_M09_B1_H04_MR
20	14482	GM_M09_B1_H05	GM_M09_B1_H05_MF	
	14483	GM_M09_B1_H05		GM_M09_B1_H05_MR
	14484	GM_M09_B1_H06	GM_M09_B1_H06_MF	
	14485	GM_M09_B1_H06		GM_M09_B1_H06_MR
	14486	GM_M09_B1_H07	GM_M09_B1_H07_MF	
25	14487	GM_M09_B1_H07		GM_M09_B1_H07_MR
	14488	GM_M09_B1_H08	GM_M09_B1_H08_MF	
	14489	GM_M09_B1_H08		GM_M09_B1_H08_MR
	14490	GM_M09_B1_H09	GM_M09_B1_H09_MF	
	14491	GM_M09_B1_H09		GM_M09_B1_H09_MR
30	14492	GM_M09_B1_H10	GM_M09_B1_H10_MF	
	14493	GM_M09_B1_H10		GM_M09_B1_H10_MR
	14494	GM_M09_B1_H11	GM_M09_B1_H11_MF	
	14495	GM_M09_B1_H11		GM_M09_B1_H11_MR
	14496	GM_M09_B1_H12	GM_M09_B1_H12_MF	
35	14497	GM_M09_B1_H12		GM_M09_B1_H12_MR
	14498	GM_M10_A1_A05		GM_M10_A1_A05_MR
	14499	GM_M10_A1_A07		GM_M10_A1_A07_MR
	14500	GM_M10_A1_A08		GM_M10_A1_A08_MR
	14501	GM_M10_A1_A09		GM_M10_A1_A09_MR
40	14502	GM_M10_A1_A10		GM_M10_A1_A10_MR
	14503	GM_M10_A1_B01		GM_M10_A1_B01_MR
	14504	GM_M10_A1_B04		GM_M10_A1_B04_MR
	14505	GM_M10_A1_B05		GM_M10_A1_B05_MR
	14506	GM_M10_A1_B06		GM_M10_A1_B06_MR
45	14507	GM_M10_A1_B07		GM_M10_A1_B07_MR
	14508	GM_M10_A1_B09		GM_M10_A1_B09_MR
	14509	GM_M10_A1_B10		GM_M10_A1_B10_MR
	14510	GM_M10_A1_B11		GM_M10_A1_B11_MR
	14511	GM_M10_A1_B12		GM_M10_A1_B12_MR
50	14512	GM_M10_A1_C01		GM_M10_A1_C01_MR
	14513	GM_M10_A1_C02		GM_M10_A1_C02_MR
	14514	GM_M10_A1_C04		GM_M10_A1_C04_MR
	14515	GM_M10_A1_C06		GM_M10_A1_C06_MR
	14516	GM_M10_A1_C07		GM_M10_A1_C07_MR
55	14517	GM_M10_A1_C08		GM_M10_A1_C08_MR

	14518	GM_M10_A1_C09	GM_M10_A1_C09_MR
	14519	GM_M10_A1_C10	GM_M10_A1_C10_MR
	14520	GM_M10_A1_C11	GM_M10_A1_C11_MR
	14521	GM_M10_A1_D01	GM_M10_A1_D01_MR
5	14522	GM_M10_A1_D03	GM_M10_A1_D03_MR
	14523	GM_M10_A1_D04	GM_M10_A1_D04_MR
	14524	GM_M10_A1_D05	GM_M10_A1_D05_MR
	14525	GM_M10_A1_D07	GM_M10_A1_D07_MR
	14526	GM_M10_A1_D08	GM_M10_A1_D08_MR
10	14527	GM_M10_A1_D10	GM_M10_A1_D10_MR
	14528	GM_M10_A1_D11	GM_M10_A1_D11_MR
	14529	GM_M10_A1_D12	GM_M10_A1_D12_MR
	14530	GM_M10_A1_E01	GM_M10_A1_E01_MR
	14531	GM_M10_A1_E03	GM_M10_A1_E03_MR
15	14532	GM_M10_A1_E04	GM_M10_A1_E04_MR
	14533	GM_M10_A1_E06	GM_M10_A1_E06_MR
	14534	GM_M10_A1_E07	GM_M10_A1_E07_MR
	14535	GM_M10_A1_E08	GM_M10_A1_E08_MR
	14536	GM_M10_A1_E11	GM_M10_A1_E11_MR
20	14537	GM_M10_A1_E12	GM_M10_A1_E12_MR
	14538	GM_M10_A1_F03	GM_M10_A1_F03_MR
	14539	GM_M10_A1_F04	GM_M10_A1_F04_MR
	14540	GM_M10_A1_F05	GM_M10_A1_F05_MR
	14541	GM_M10_A1_F06	GM_M10_A1_F06_MR
25	14542	GM_M10_A1_F07	GM_M10_A1_F07_MR
	14543	GM_M10_A1_F10	GM_M10_A1_F10_MR
	14544	GM_M10_A1_G01	GM_M10_A1_G01_MR
	14545	GM_M10_A1_G04	GM_M10_A1_G04_MR
	14546	GM_M10_A1_G05	GM_M10_A1_G05_MR
30	14547	GM_M10_A1_G07	GM_M10_A1_G07_MR
	14548	GM_M10_A1_G08	GM_M10_A1_G08_MR
	14549	GM_M10_A1_G10	GM_M10_A1_G10_MR
	14550	GM_M10_A1_G11	GM_M10_A1_G11_MR
	14551	GM_M10_A1_H06	GM_M10_A1_H06_MR
35	14552	GM_M10_A1_H07	GM_M10_A1_H07_MR
	14553	GM_M10_A1_H08	GM_M10_A1_H08_MR
	14554	GM_M10_A1_H10	GM_M10_A1_H10_MR
	14555	GM_M10_A1_H12	GM_M10_A1_H12_MR
	14556	GM_M10_A2_A01	GM_M10_A2_A01_MF
40	14557	GM_M10_A2_A02	GM_M10_A2_A02_MF
	14558	GM_M10_A2_A03	GM_M10_A2_A03_MF
	14559	GM_M10_A2_A04	GM_M10_A2_A04_MF
	14560	GM_M10_A2_A05	GM_M10_A2_A05_MF
	14561	GM_M10_A2_A06	GM_M10_A2_A06_MF
45	14562	GM_M10_A2_A07	GM_M10_A2_A07_MF
	14563	GM_M10_A2_A08	GM_M10_A2_A08_MF
	14564	GM_M10_A2_A09	GM_M10_A2_A09_MF
	14565	GM_M10_A2_A10	GM_M10_A2_A10_MF
	14566	GM_M10_A2_A11	GM_M10_A2_A11_MF
50	14567	GM_M10_A2_A12	GM_M10_A2_A12_MF
	14568	GM_M10_A2_B01	GM_M10_A2_B01_MF
	14569	GM_M10_A2_B02	GM_M10_A2_B02_MF
	14570	GM_M10_A2_B03	GM_M10_A2_B03_MF
	14571	GM_M10_A2_B04	GM_M10_A2_B04_MF
55	14572	GM_M10_A2_B05	GM_M10_A2_B05_MF

COPIES OF THE RECORDS

	14573	GM_M10_A2_B06	GM_M10_A2_B06_MF
	14574	GM_M10_A2_B07	GM_M10_A2_B07_MF
	14575	GM_M10_A2_B08	GM_M10_A2_B08_MF
	14576	GM_M10_A2_B09	GM_M10_A2_B09_MF
5	14577	GM_M10_A2_B10	GM_M10_A2_B10_MF
	14578	GM_M10_A2_B11	GM_M10_A2_B11_MF
	14579	GM_M10_A2_B12	GM_M10_A2_B12_MF
	14580	GM_M10_A2_C01	GM_M10_A2_C01_MF
	14581	GM_M10_A2_C02	GM_M10_A2_C02_MF
10	14582	GM_M10_A2_C03	GM_M10_A2_C03_MF
	14583	GM_M10_A2_C04	GM_M10_A2_C04_MF
	14584	GM_M10_A2_C05	GM_M10_A2_C05_MF
	14585	GM_M10_A2_C06	GM_M10_A2_C06_MF
	14586	GM_M10_A2_C07	GM_M10_A2_C07_MF
15	14587	GM_M10_A2_C08	GM_M10_A2_C08_MF
	14588	GM_M10_A2_C09	GM_M10_A2_C09_MF
	14589	GM_M10_A2_C10	GM_M10_A2_C10_MF
	14590	GM_M10_A2_C11	GM_M10_A2_C11_MF
	14591	GM_M10_A2_C12	GM_M10_A2_C12_MF
20	14592	GM_M10_A2_D01	GM_M10_A2_D01_MF
	14593	GM_M10_A2_D02	GM_M10_A2_D02_MF
	14594	GM_M10_A2_D03	GM_M10_A2_D03_MF
	14595	GM_M10_A2_D04	GM_M10_A2_D04_MF
	14596	GM_M10_A2_D05	GM_M10_A2_D05_MF
25	14597	GM_M10_A2_D06	GM_M10_A2_D06_MF
	14598	GM_M10_A2_D07	GM_M10_A2_D07_MF
	14599	GM_M10_A2_D08	GM_M10_A2_D08_MF
	14600	GM_M10_A2_D09	GM_M10_A2_D09_MF
	14601	GM_M10_A2_D10	GM_M10_A2_D10_MF
30	14602	GM_M10_A2_D11	GM_M10_A2_D11_MF
	14603	GM_M10_A2_D12	GM_M10_A2_D12_MF
	14604	GM_M10_A2_E01	GM_M10_A2_E01_MF
	14605	GM_M10_A2_E02	GM_M10_A2_E02_MF
	14606	GM_M10_A2_E03	GM_M10_A2_E03_MF
35	14607	GM_M10_A2_E04	GM_M10_A2_E04_MF
	14608	GM_M10_A2_E05	GM_M10_A2_E05_MF
	14609	GM_M10_A2_E06	GM_M10_A2_E06_MF
	14610	GM_M10_A2_E07	GM_M10_A2_E07_MF
	14611	GM_M10_A2_E08	GM_M10_A2_E08_MF
40	14612	GM_M10_A2_E09	GM_M10_A2_E09_MF
	14613	GM_M10_A2_E10	GM_M10_A2_E10_MF
	14614	GM_M10_A2_E11	GM_M10_A2_E11_MF
	14615	GM_M10_A2_E12	GM_M10_A2_E12_MF
	14616	GM_M10_A2_F01	GM_M10_A2_F01_MF
45	14617	GM_M10_A2_F02	GM_M10_A2_F02_MF
	14618	GM_M10_A2_F03	GM_M10_A2_F03_MF
	14619	GM_M10_A2_F04	GM_M10_A2_F04_MF
	14620	GM_M10_A2_F05	GM_M10_A2_F05_MF
	14621	GM_M10_A2_F06	GM_M10_A2_F06_MF
50	14622	GM_M10_A2_F07	GM_M10_A2_F07_MF
	14623	GM_M10_A2_F08	GM_M10_A2_F08_MF
	14624	GM_M10_A2_F09	GM_M10_A2_F09_MF
	14625	GM_M10_A2_F10	GM_M10_A2_F10_MF
	14626	GM_M10_A2_F11	GM_M10_A2_F11_MF
55	14627	GM_M10_A2_F12	GM_M10_A2_F12_MF

	14628	GM_M10_A2_G01	GM_M10_A2_G01_MF	
	14629	GM_M10_A2_G02	GM_M10_A2_G02_MF	
	14630	GM_M10_A2_G03	GM_M10_A2_G03_MF	
	14631	GM_M10_A2_G04	GM_M10_A2_G04_MF	
5	14632	GM_M10_A2_G05	GM_M10_A2_G05_MF	
	14633	GM_M10_A2_G06	GM_M10_A2_G06_MF	
	14634	GM_M10_A2_G07	GM_M10_A2_G07_MF	
	14635	GM_M10_A2_G08	GM_M10_A2_G08_MF	
	14636	GM_M10_A2_G09	GM_M10_A2_G09_MF	
10	14637	GM_M10_A2_G10	GM_M10_A2_G10_MF	
	14638	GM_M10_A2_G11	GM_M10_A2_G11_MF	
	14639	GM_M10_A2_G12	GM_M10_A2_G12_MF	
	14640	GM_M10_A2_H01	GM_M10_A2_H01_MF	
	14641	GM_M10_A2_H02	GM_M10_A2_H02_MF	
15	14642	GM_M10_A2_H03	GM_M10_A2_H03_MF	
	14643	GM_M10_A2_H04	GM_M10_A2_H04_MF	
	14644	GM_M10_A2_H05	GM_M10_A2_H05_MF	
	14645	GM_M10_A2_H06	GM_M10_A2_H06_MF	
	14646	GM_M10_A2_H07	GM_M10_A2_H07_MF	
20	14647	GM_M10_A2_H08	GM_M10_A2_H08_MF	
	14648	GM_M10_A2_H09	GM_M10_A2_H09_MF	
	14649	GM_M10_A2_H10	GM_M10_A2_H10_MF	
	14650	GM_M10_A2_H11	GM_M10_A2_H11_MF	
	14651	GM_M10_A2_H12	GM_M10_A2_H12_MF	
25	14652	GM_M10_B1_A01	GM_M10_B1_A01_MF	
	14653	GM_M10_B1_A01		GM_M10_B1_A01_MR
	14654	GM_M10_B1_A03	GM_M10_B1_A03_MF	
	14655	GM_M10_B1_A03		GM_M10_B1_A03_MR
	14656	GM_M10_B1_A04	GM_M10_B1_A04_MF	
30	14657	GM_M10_B1_A04		GM_M10_B1_A04_MR
	14658	GM_M10_B1_A05		GM_M10_B1_A05_MR
	14659	GM_M10_B1_A06	GM_M10_B1_A06_MF	
	14660	GM_M10_B1_A06		GM_M10_B1_A06_MR
	14661	GM_M10_B1_A07	GM_M10_B1_A07_MF	
35	14662	GM_M10_B1_A07		GM_M10_B1_A07_MR
	14663	GM_M10_B1_A08	GM_M10_B1_A08_MF	
	14664	GM_M10_B1_A08		GM_M10_B1_A08_MR
	14665	GM_M10_B1_A09		GM_M10_B1_A09_MR
	14666	GM_M10_B1_A10	GM_M10_B1_A10_MF	
40	14667	GM_M10_B1_A10		GM_M10_B1_A10_MR
	14668	GM_M10_B1_A11	GM_M10_B1_A11_MF	
	14669	GM_M10_B1_A11		GM_M10_B1_A11_MR
	14670	GM_M10_B1_B01	GM_M10_B1_B01_MF	
	14671	GM_M10_B1_B01		GM_M10_B1_B01_MR
45	14672	GM_M10_B1_B02	GM_M10_B1_B02_MF	
	14673	GM_M10_B1_B02		GM_M10_B1_B02_MR
	14674	GM_M10_B1_B03	GM_M10_B1_B03_MF	
	14675	GM_M10_B1_B04	GM_M10_B1_B04_MF	
	14676	GM_M10_B1_B04		GM_M10_B1_B04_MR
50	14677	GM_M10_B1_B05	GM_M10_B1_B05_MF	
	14678	GM_M10_B1_B05		GM_M10_B1_B05_MR
	14679	GM_M10_B1_B06	GM_M10_B1_B06_MF	
	14680	GM_M10_B1_B06		GM_M10_B1_B06_MR
	14681	GM_M10_B1_B07	GM_M10_B1_B07_MF	
55	14682	GM_M10_B1_B07		GM_M10_B1_B07_MR

	14683	GM_M10_B1_B08	GM_M10_B1_B08_MF	
	14684	GM_M10_B1_B08		GM_M10_B1_B08_MR
	14685	GM_M10_B1_B09	GM_M10_B1_B09_MF	
	14686	GM_M10_B1_B09		GM_M10_B1_B09_MR
5	14687	GM_M10_B1_B10	GM_M10_B1_B10_MF	
	14688	GM_M10_B1_B10		GM_M10_B1_B10_MR
	14689	GM_M10_B1_B11	GM_M10_B1_B11_MF	
	14690	GM_M10_B1_B11		GM_M10_B1_B11_MR
	14691	GM_M10_B1_B12		GM_M10_B1_B12_MR
10	14692	GM_M10_B1_C01	GM_M10_B1_C01_MF	
	14693	GM_M10_B1_C01		GM_M10_B1_C01_MR
	14694	GM_M10_B1_C02		GM_M10_B1_C02_MR
	14695	GM_M10_B1_C03	GM_M10_B1_C03_MF	
	14696	GM_M10_B1_C03		GM_M10_B1_C03_MR
15	14697	GM_M10_B1_C04	GM_M10_B1_C04_MF	
	14698	GM_M10_B1_C04		GM_M10_B1_C04_MR
	14699	GM_M10_B1_C05	GM_M10_B1_C05_MF	
	14700	GM_M10_B1_C05		GM_M10_B1_C05_MR
	14701	GM_M10_B1_C06	GM_M10_B1_C06_MF	
20	14702	GM_M10_B1_C06		GM_M10_B1_C06_MR
	14703	GM_M10_B1_C07	GM_M10_B1_C07_MF	
	14704	GM_M10_B1_C07		GM_M10_B1_C07_MR
	14705	GM_M10_B1_C08	GM_M10_B1_C08_MF	
	14706	GM_M10_B1_C08		GM_M10_B1_C08_MR
25	14707	GM_M10_B1_C09	GM_M10_B1_C09_MF	
	14708	GM_M10_B1_C09		GM_M10_B1_C09_MR
	14709	GM_M10_B1_C10	GM_M10_B1_C10_MF	
	14710	GM_M10_B1_C10		GM_M10_B1_C10_MR
	14711	GM_M10_B1_C11	GM_M10_B1_C11_MF	
30	14712	GM_M10_B1_C11		GM_M10_B1_C11_MR
	14713	GM_M10_B1_C12	GM_M10_B1_C12_MF	
	14714	GM_M10_B1_C12		GM_M10_B1_C12_MR
	14715	GM_M10_B1_D01	GM_M10_B1_D01_MF	
	14716	GM_M10_B1_D01		GM_M10_B1_D01_MR
35	14717	GM_M10_B1_D02	GM_M10_B1_D02_MF	
	14718	GM_M10_B1_D02		GM_M10_B1_D02_MR
	14719	GM_M10_B1_D03	GM_M10_B1_D03_MF	
	14720	GM_M10_B1_D03		GM_M10_B1_D03_MR
	14721	GM_M10_B1_D04	GM_M10_B1_D04_MF	
40	14722	GM_M10_B1_D04		GM_M10_B1_D04_MR
	14723	GM_M10_B1_D05		GM_M10_B1_D05_MR
	14724	GM_M10_B1_D06	GM_M10_B1_D06_MF	
	14725	GM_M10_B1_D06		GM_M10_B1_D06_MR
	14726	GM_M10_B1_D07	GM_M10_B1_D07_MF	
45	14727	GM_M10_B1_D07		GM_M10_B1_D07_MR
	14728	GM_M10_B1_D08	GM_M10_B1_D08_MF	
	14729	GM_M10_B1_D08		GM_M10_B1_D08_MR
	14730	GM_M10_B1_D09	GM_M10_B1_D09_MF	
	14731	GM_M10_B1_D09		GM_M10_B1_D09_MR
50	14732	GM_M10_B1_D10	GM_M10_B1_D10_MF	
	14733	GM_M10_B1_D10		GM_M10_B1_D10_MR
	14734	GM_M10_B1_D11	GM_M10_B1_D11_MF	
	14735	GM_M10_B1_D11		GM_M10_B1_D11_MR
	14736	GM_M10_B1_D12	GM_M10_B1_D12_MF	
55	14737	GM_M10_B1_D12		GM_M10_B1_D12_MR

	14738	GM_M10_B1_E01	GM_M10_B1_E01_MF	
	14739	GM_M10_B1_E01		GM_M10_B1_E01_MR
	14740	GM_M10_B1_E02	GM_M10_B1_E02_MF	
	14741	GM_M10_B1_E02		GM_M10_B1_E02_MR
5	14742	GM_M10_B1_E03	GM_M10_B1_E03_MF	
	14743	GM_M10_B1_E03		GM_M10_B1_E03_MR
	14744	GM_M10_B1_E04	GM_M10_B1_E04_MF	
	14745	GM_M10_B1_E05	GM_M10_B1_E05_MF	
	14746	GM_M10_B1_E05		GM_M10_B1_E05_MR
10	14747	GM_M10_B1_E06	GM_M10_B1_E06_MF	
	14748	GM_M10_B1_E06		GM_M10_B1_E06_MR
	14749	GM_M10_B1_E07	GM_M10_B1_E07_MF	
	14750	GM_M10_B1_E07		GM_M10_B1_E07_MR
	14751	GM_M10_B1_E08		GM_M10_B1_E08_MR
15	14752	GM_M10_B1_E09	GM_M10_B1_E09_MF	
	14753	GM_M10_B1_E09		GM_M10_B1_E09_MR
	14754	GM_M10_B1_E10	GM_M10_B1_E10_MF	
	14755	GM_M10_B1_E10		GM_M10_B1_E10_MR
	14756	GM_M10_B1_E11	GM_M10_B1_E11_MF	
20	14757	GM_M10_B1_E11		GM_M10_B1_E11_MR
	14758	GM_M10_B1_E12	GM_M10_B1_E12_MF	
	14759	GM_M10_B1_E12		GM_M10_B1_E12_MR
	14760	GM_M10_B1_F01	GM_M10_B1_F01_MF	
	14761	GM_M10_B1_F01		GM_M10_B1_F01_MR
25	14762	GM_M10_B1_F02	GM_M10_B1_F02_MF	
	14763	GM_M10_B1_F02		GM_M10_B1_F02_MR
	14764	GM_M10_B1_F03	GM_M10_B1_F03_MF	
	14765	GM_M10_B1_F03		GM_M10_B1_F03_MR
	14766	GM_M10_B1_F04		GM_M10_B1_F04_MR
30	14767	GM_M10_B1_F05	GM_M10_B1_F05_MF	
	14768	GM_M10_B1_F05		GM_M10_B1_F05_MR
	14769	GM_M10_B1_F06	GM_M10_B1_F06_MF	
	14770	GM_M10_B1_F06		GM_M10_B1_F06_MR
	14771	GM_M10_B1_F07	GM_M10_B1_F07_MF	
35	14772	GM_M10_B1_F07		GM_M10_B1_F07_MR
	14773	GM_M10_B1_F08	GM_M10_B1_F08_MF	
	14774	GM_M10_B1_F08		GM_M10_B1_F08_MR
	14775	GM_M10_B1_F09	GM_M10_B1_F09_MF	
	14776	GM_M10_B1_F09		GM_M10_B1_F09_MR
40	14777	GM_M10_B1_F10	GM_M10_B1_F10_MF	
	14778	GM_M10_B1_F10		GM_M10_B1_F10_MR
	14779	GM_M10_B1_F11	GM_M10_B1_F11_MF	
	14780	GM_M10_B1_F11		GM_M10_B1_F11_MR
	14781	GM_M10_B1_F12		GM_M10_B1_F12_MR
45	14782	GM_M10_B1_G01		GM_M10_B1_G01_MR
	14783	GM_M10_B1_G02	GM_M10_B1_G02_MF	
	14784	GM_M10_B1_G02		GM_M10_B1_G02_MR
	14785	GM_M10_B1_G03	GM_M10_B1_G03_MF	
	14786	GM_M10_B1_G03		GM_M10_B1_G03_MR
50	14787	GM_M10_B1_G04		GM_M10_B1_G04_MR
	14788	GM_M10_B1_G05	GM_M10_B1_G05_MF	
	14789	GM_M10_B1_G05		GM_M10_B1_G05_MR
	14790	GM_M10_B1_G06	GM_M10_B1_G06_MF	
	14791	GM_M10_B1_G07	GM_M10_B1_G07_MF	
55	14792	GM_M10_B1_G07		GM_M10_B1_G07_MR

	14793	GM_M10_B1_G08	GM_M10_B1_G08_MF	
	14794	GM_M10_B1_G08		GM_M10_B1_G08_MR
	14795	GM_M10_B1_G09	GM_M10_B1_G09_MF	
	14796	GM_M10_B1_G10	GM_M10_B1_G10_MF	
5	14797	GM_M10_B1_G10		GM_M10_B1_G10_MR
	14798	GM_M10_B1_G11	GM_M10_B1_G11_MF	
	14799	GM_M10_B1_G11		GM_M10_B1_G11_MR
	14800	GM_M10_B1_G12		GM_M10_B1_G12_MR
	14801	GM_M10_B1_H01	GM_M10_B1_H01_MF	
10	14802	GM_M10_B1_H01		GM_M10_B1_H01_MR
	14803	GM_M10_B1_H02	GM_M10_B1_H02_MF	
	14804	GM_M10_B1_H02		GM_M10_B1_H02_MR
	14805	GM_M10_B1_H03		GM_M10_B1_H03_MR
	14806	GM_M10_B1_H04	GM_M10_B1_H04_MF	
15	14807	GM_M10_B1_H04		GM_M10_B1_H04_MR
	14808	GM_M10_B1_H05		GM_M10_B1_H05_MR
	14809	GM_M10_B1_H06	GM_M10_B1_H06_MF	
	14810	GM_M10_B1_H06		GM_M10_B1_H06_MR
	14811	GM_M10_B1_H07	GM_M10_B1_H07_MF	
20	14812	GM_M10_B1_H07		GM_M10_B1_H07_MR
	14813	GM_M10_B1_H08	GM_M10_B1_H08_MF	
	14814	GM_M10_B1_H09	GM_M10_B1_H09_MF	
	14815	GM_M10_B1_H09		GM_M10_B1_H09_MR
	14816	GM_M10_B1_H10	GM_M10_B1_H10_MF	
25	14817	GM_M10_B1_H10		GM_M10_B1_H10_MR
	14818	GM_M10_B1_H11	GM_M10_B1_H11_MF	
	14819	GM_M10_B1_H11		GM_M10_B1_H11_MR
	14820	GM_M10_B1_H12	GM_M10_B1_H12_MF	
	14821	GM_M10_B1_H12		GM_M10_B1_H12_MR
30	14822	GM_M10_B2_A01	GM_M10_B2_A01_MF	
	14823	GM_M10_B2_A01		GM_M10_B2_A01_MR
	14824	GM_M10_B2_A02	GM_M10_B2_A02_MF	
	14825	GM_M10_B2_A02		GM_M10_B2_A02_MR
	14826	GM_M10_B2_A03	GM_M10_B2_A03_MF	
35	14827	GM_M10_B2_A03		GM_M10_B2_A03_MR
	14828	GM_M10_B2_A04		GM_M10_B2_A04_MR
	14829	GM_M10_B2_A05	GM_M10_B2_A05_MF	
	14830	GM_M10_B2_A05		GM_M10_B2_A05_MR
	14831	GM_M10_B2_A06	GM_M10_B2_A06_MF	
40	14832	GM_M10_B2_A06		GM_M10_B2_A06_MR
	14833	GM_M10_B2_A07	GM_M10_B2_A07_MF	
	14834	GM_M10_B2_A07		GM_M10_B2_A07_MR
	14835	GM_M10_B2_A08	GM_M10_B2_A08_MF	
	14836	GM_M10_B2_A08		GM_M10_B2_A08_MR
45	14837	GM_M10_B2_A09	GM_M10_B2_A09_MF	
	14838	GM_M10_B2_A09		GM_M10_B2_A09_MR
	14839	GM_M10_B2_A10	GM_M10_B2_A10_MF	
	14840	GM_M10_B2_A10		GM_M10_B2_A10_MR
	14841	GM_M10_B2_A11	GM_M10_B2_A11_MF	
50	14842	GM_M10_B2_A11		GM_M10_B2_A11_MR
	14843	GM_M10_B2_A12	GM_M10_B2_A12_MF	
	14844	GM_M10_B2_A12		GM_M10_B2_A12_MR
	14845	GM_M10_B2_B01	GM_M10_B2_B01_MF	
	14846	GM_M10_B2_B01		GM_M10_B2_B01_MR
55	14847	GM_M10_B2_B02	GM_M10_B2_B02_MF	

	14848	GM_M10_B2_B02		GM_M10_B2_B02_MR
	14849	GM_M10_B2_B03	GM_M10_B2_B03_MF	
	14850	GM_M10_B2_B03		GM_M10_B2_B03_MR
	14851	GM_M10_B2_B04		GM_M10_B2_B04_MR
5	14852	GM_M10_B2_B05	GM_M10_B2_B05_MF	
	14853	GM_M10_B2_B05		GM_M10_B2_B05_MR
	14854	GM_M10_B2_B06	GM_M10_B2_B06_MF	
	14855	GM_M10_B2_B06		GM_M10_B2_B06_MR
	14856	GM_M10_B2_B07	GM_M10_B2_B07_MF	
10	14857	GM_M10_B2_B07		GM_M10_B2_B07_MR
	14858	GM_M10_B2_B08	GM_M10_B2_B08_MF	
	14859	GM_M10_B2_B08		GM_M10_B2_B08_MR
	14860	GM_M10_B2_B09	GM_M10_B2_B09_MF	
	14861	GM_M10_B2_B09		GM_M10_B2_B09_MR
15	14862	GM_M10_B2_B10	GM_M10_B2_B10_MF	
	14863	GM_M10_B2_B10		GM_M10_B2_B10_MR
	14864	GM_M10_B2_B11	GM_M10_B2_B11_MF	
	14865	GM_M10_B2_B11		GM_M10_B2_B11_MR
	14866	GM_M10_B2_B12	GM_M10_B2_B12_MF	
20	14867	GM_M10_B2_B12		GM_M10_B2_B12_MR
	14868	GM_M10_B2_C01	GM_M10_B2_C01_MF	
	14869	GM_M10_B2_C01		GM_M10_B2_C01_MR
	14870	GM_M10_B2_C02	GM_M10_B2_C02_MF	
25	14871	GM_M10_B2_C02		GM_M10_B2_C02_MR
	14872	GM_M10_B2_C03		GM_M10_B2_C03_MR
	14873	GM_M10_B2_C04	GM_M10_B2_C04_MF	
	14874	GM_M10_B2_C04		GM_M10_B2_C04_MR
	14875	GM_M10_B2_C05	GM_M10_B2_C05_MF	
	14876	GM_M10_B2_C05		GM_M10_B2_C05_MR
30	14877	GM_M10_B2_C06	GM_M10_B2_C06_MF	
	14878	GM_M10_B2_C06		GM_M10_B2_C06_MR
	14879	GM_M10_B2_C07	GM_M10_B2_C07_MF	
	14880	GM_M10_B2_C07		GM_M10_B2_C07_MR
	14881	GM_M10_B2_C08	GM_M10_B2_C08_MF	
35	14882	GM_M10_B2_C08		GM_M10_B2_C08_MR
	14883	GM_M10_B2_C09	GM_M10_B2_C09_MF	
	14884	GM_M10_B2_C09		GM_M10_B2_C09_MR
	14885	GM_M10_B2_C10	GM_M10_B2_C10_MF	
	14886	GM_M10_B2_C10		GM_M10_B2_C10_MR
40	14887	GM_M10_B2_C11	GM_M10_B2_C11_MF	
	14888	GM_M10_B2_C11		GM_M10_B2_C11_MR
	14889	GM_M10_B2_C12	GM_M10_B2_C12_MF	
	14890	GM_M10_B2_C12		GM_M10_B2_C12_MR
	14891	GM_M10_B2_D01	GM_M10_B2_D01_MF	
45	14892	GM_M10_B2_D01		GM_M10_B2_D01_MR
	14893	GM_M10_B2_D02	GM_M10_B2_D02_MF	
	14894	GM_M10_B2_D02		GM_M10_B2_D02_MR
	14895	GM_M10_B2_D03		GM_M10_B2_D03_MR
	14896	GM_M10_B2_D04	GM_M10_B2_D04_MF	
50	14897	GM_M10_B2_D04		GM_M10_B2_D04_MR
	14898	GM_M10_B2_D05	GM_M10_B2_D05_MF	
	14899	GM_M10_B2_D05		GM_M10_B2_D05_MR
	14900	GM_M10_B2_D06	GM_M10_B2_D06_MF	
	14901	GM_M10_B2_D06		GM_M10_B2_D06_MR
55	14902	GM_M10_B2_D07	GM_M10_B2_D07_MF	

	14903	GM_M10_B2_D07		GM_M10_B2_D07_MR
	14904	GM_M10_B2_D08	GM_M10_B2_D08_MF	
	14905	GM_M10_B2_D08		GM_M10_B2_D08_MR
	14906	GM_M10_B2_D09	GM_M10_B2_D09_MF	
5	14907	GM_M10_B2_D09		GM_M10_B2_D09_MR
	14908	GM_M10_B2_D10	GM_M10_B2_D10_MF	
	14909	GM_M10_B2_D10		GM_M10_B2_D10_MR
	14910	GM_M10_B2_D11	GM_M10_B2_D11_MF	
	14911	GM_M10_B2_D11		GM_M10_B2_D11_MR
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	14913	GM_M10_B2_D12		GM_M10_B2_D12_MR
	14914	GM_M10_B2_E01	GM_M10_B2_E01_MF	
	14915	GM_M10_B2_E01		GM_M10_B2_E01_MR
	14916	GM_M10_B2_E02	GM_M10_B2_E02_MF	
15	14917	GM_M10_B2_E02		GM_M10_B2_E02_MR
	14918	GM_M10_B2_E03	GM_M10_B2_E03_MF	
	14919	GM_M10_B2_E03		GM_M10_B2_E03_MR
	14920	GM_M10_B2_E04	GM_M10_B2_E04_MF	
	14921	GM_M10_B2_E04		GM_M10_B2_E04_MR
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	14923	GM_M10_B2_E05		GM_M10_B2_E05_MR
	14924	GM_M10_B2_E06	GM_M10_B2_E06_MF	
	14925	GM_M10_B2_E06		GM_M10_B2_E06_MR
	14926	GM_M10_B2_E07	GM_M10_B2_E07_MF	
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	14928	GM_M10_B2_E08	GM_M10_B2_E08_MF	
	14929	GM_M10_B2_E08		GM_M10_B2_E08_MR
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	14935	GM_M10_B2_E11		GM_M10_B2_E11_MR
	14936	GM_M10_B2_E12	GM_M10_B2_E12_MF	
35	14937	GM_M10_B2_E12		GM_M10_B2_E12_MR
	14938	GM_M10_B2_F01	GM_M10_B2_F01_MF	
	14939	GM_M10_B2_F01		GM_M10_B2_F01_MR
	14940	GM_M10_B2_F02	GM_M10_B2_F02_MF	
	14941	GM_M10_B2_F02		GM_M10_B2_F02_MR
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	14943	GM_M10_B2_F03		GM_M10_B2_F03_MR
	14944	GM_M10_B2_F04	GM_M10_B2_F04_MF	
	14945	GM_M10_B2_F04		GM_M10_B2_F04_MR
	14946	GM_M10_B2_F05	GM_M10_B2_F05_MF	
45	14947	GM_M10_B2_F05		GM_M10_B2_F05_MR
	14948	GM_M10_B2_F06	GM_M10_B2_F06_MF	
	14949	GM_M10_B2_F06		GM_M10_B2_F06_MR
	14950	GM_M10_B2_F07	GM_M10_B2_F07_MF	
	14951	GM_M10_B2_F07		GM_M10_B2_F07_MR
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	14953	GM_M10_B2_F08		GM_M10_B2_F08_MR
	14954	GM_M10_B2_F09	GM_M10_B2_F09_MF	
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	14956	GM_M10_B2_F10		GM_M10_B2_F10_MR
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	14958	GM_M10_B2_F11		GM_M10_B2_F11_MR
	14959	GM_M10_B2_F12	GM_M10_B2_F12_MF	
	14960	GM_M10_B2_F12		GM_M10_B2_F12_MR
	14961	GM_M10_B2_G01	GM_M10_B2_G01_MF	
5	14962	GM_M10_B2_G01		GM_M10_B2_G01_MR
	14963	GM_M10_B2_G02	GM_M10_B2_G02_MF	
	14964	GM_M10_B2_G02		GM_M10_B2_G02_MR
	14965	GM_M10_B2_G03	GM_M10_B2_G03_MF	
	14966	GM_M10_B2_G03		GM_M10_B2_G03_MR
10	14967	GM_M10_B2_G04	GM_M10_B2_G04_MF	
	14968	GM_M10_B2_G04		GM_M10_B2_G04_MR
	14969	GM_M10_B2_G05	GM_M10_B2_G05_MF	
	14970	GM_M10_B2_G05		GM_M10_B2_G05_MR
	14971	GM_M10_B2_G06	GM_M10_B2_G06_MF	
15	14972	GM_M10_B2_G06		GM_M10_B2_G06_MR
	14973	GM_M10_B2_G07	GM_M10_B2_G07_MF	
	14974	GM_M10_B2_G07		GM_M10_B2_G07_MR
	14975	GM_M10_B2_G08	GM_M10_B2_G08_MF	
	14976	GM_M10_B2_G08		GM_M10_B2_G08_MR
20	14977	GM_M10_B2_G09	GM_M10_B2_G09_MF	
	14978	GM_M10_B2_G09		GM_M10_B2_G09_MR
	14979	GM_M10_B2_G10	GM_M10_B2_G10_MF	
	14980	GM_M10_B2_G10		GM_M10_B2_G10_MR
	14981	GM_M10_B2_G11	GM_M10_B2_G11_MF	
25	14982	GM_M10_B2_G11		GM_M10_B2_G11_MR
	14983	GM_M10_B2_G12	GM_M10_B2_G12_MF	
	14984	GM_M10_B2_G12		GM_M10_B2_G12_MR
	14985	GM_M10_B2_H01	GM_M10_B2_H01_MF	
	14986	GM_M10_B2_H01		GM_M10_B2_H01_MR
30	14987	GM_M10_B2_H02	GM_M10_B2_H02_MF	
	14988	GM_M10_B2_H02		GM_M10_B2_H02_MR
	14989	GM_M10_B2_H03	GM_M10_B2_H03_MF	
	14990	GM_M10_B2_H03		GM_M10_B2_H03_MR
	14991	GM_M10_B2_H04	GM_M10_B2_H04_MF	
35	14992	GM_M10_B2_H04		GM_M10_B2_H04_MR
	14993	GM_M10_B2_H05	GM_M10_B2_H05_MF	
	14994	GM_M10_B2_H05		GM_M10_B2_H05_MR
	14995	GM_M10_B2_H06	GM_M10_B2_H06_MF	
	14996	GM_M10_B2_H06		GM_M10_B2_H06_MR
40	14997	GM_M10_B2_H07	GM_M10_B2_H07_MF	
	14998	GM_M10_B2_H07		GM_M10_B2_H07_MR
	14999	GM_M10_B2_H08	GM_M10_B2_H08_MF	
	15000	GM_M10_B2_H08		GM_M10_B2_H08_MR
	15001	GM_M10_B2_H09	GM_M10_B2_H09_MF	
45	15002	GM_M10_B2_H09		GM_M10_B2_H09_MR
	15003	GM_M10_B2_H10	GM_M10_B2_H10_MF	
	15004	GM_M10_B2_H10		GM_M10_B2_H10_MR
	15005	GM_M10_B2_H11	GM_M10_B2_H11_MF	
	15006	GM_M10_B2_H11		GM_M10_B2_H11_MR
50	15007	GM_M10_B2_H12		GM_M10_B2_H12_MR
	15008	GM_M13_A1_A01		GM_M13_A1_A01_MR
	15009	GM_M13_A1_A02		GM_M13_A1_A02_MR
	15010	GM_M13_A1_A03		GM_M13_A1_A03_MR
	15011	GM_M13_A1_A05		GM_M13_A1_A05_MR
55	15012	GM_M13_A1_A07		GM_M13_A1_A07_MR

	15013	GM_M13_A1_A09	GM_M13_A1_A09_MR
	15014	GM_M13_A1_A11	GM_M13_A1_A11_MR
	15015	GM_M13_A1_A12	GM_M13_A1_A12_MR
	15016	GM_M13_A1_B01	GM_M13_A1_B01_MR
5	15017	GM_M13_A1_B03	GM_M13_A1_B03_MR
	15018	GM_M13_A1_B04	GM_M13_A1_B04_MR
	15019	GM_M13_A1_B05	GM_M13_A1_B05_MR
	15020	GM_M13_A1_B06	GM_M13_A1_B06_MR
	15021	GM_M13_A1_B07	GM_M13_A1_B07_MR
10	15022	GM_M13_A1_B08	GM_M13_A1_B08_MR
	15023	GM_M13_A1_B09	GM_M13_A1_B09_MR
	15024	GM_M13_A1_B10	GM_M13_A1_B10_MR
	15025	GM_M13_A1_B11	GM_M13_A1_B11_MR
	15026	GM_M13_A1_C01	GM_M13_A1_C01_MR
15	15027	GM_M13_A1_C02	GM_M13_A1_C02_MR
	15028	GM_M13_A1_C03	GM_M13_A1_C03_MR
	15029	GM_M13_A1_C04	GM_M13_A1_C04_MR
	15030	GM_M13_A1_C05	GM_M13_A1_C05_MR
	15031	GM_M13_A1_C06	GM_M13_A1_C06_MR
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	15033	GM_M13_A1_C08	GM_M13_A1_C08_MR
	15034	GM_M13_A1_C09	GM_M13_A1_C09_MR
	15035	GM_M13_A1_C10	GM_M13_A1_C10_MR
	15036	GM_M13_A1_C11	GM_M13_A1_C11_MR
25	15037	GM_M13_A1_C12	GM_M13_A1_C12_MR
	15038	GM_M13_A1_D01	GM_M13_A1_D01_MR
	15039	GM_M13_A1_D02	GM_M13_A1_D02_MR
	15040	GM_M13_A1_D03	GM_M13_A1_D03_MR
	15041	GM_M13_A1_D04	GM_M13_A1_D04_MR
30	15042	GM_M13_A1_D05	GM_M13_A1_D05_MR
	15043	GM_M13_A1_D08	GM_M13_A1_D08_MR
	15044	GM_M13_A1_D09	GM_M13_A1_D09_MR
	15045	GM_M13_A1_D10	GM_M13_A1_D10_MR
	15046	GM_M13_A1_D11	GM_M13_A1_D11_MR
35	15047	GM_M13_A1_D12	GM_M13_A1_D12_MR
	15048	GM_M13_A1_E01	GM_M13_A1_E01_MR
	15049	GM_M13_A1_E02	GM_M13_A1_E02_MR
	15050	GM_M13_A1_E03	GM_M13_A1_E03_MR
	15051	GM_M13_A1_E04	GM_M13_A1_E04_MR
40	15052	GM_M13_A1_E05	GM_M13_A1_E05_MR
	15053	GM_M13_A1_E06	GM_M13_A1_E06_MR
	15054	GM_M13_A1_E07	GM_M13_A1_E07_MR
	15055	GM_M13_A1_E08	GM_M13_A1_E08_MR
	15056	GM_M13_A1_E10	GM_M13_A1_E10_MR
45	15057	GM_M13_A1_E11	GM_M13_A1_E11_MR
	15058	GM_M13_A1_E12	GM_M13_A1_E12_MR
	15059	GM_M13_A1_F01	GM_M13_A1_F01_MR
	15060	GM_M13_A1_F02	GM_M13_A1_F02_MR
	15061	GM_M13_A1_F03	GM_M13_A1_F03_MR
50	15062	GM_M13_A1_F04	GM_M13_A1_F04_MR
	15063	GM_M13_A1_F05	GM_M13_A1_F05_MR
	15064	GM_M13_A1_F06	GM_M13_A1_F06_MR
	15065	GM_M13_A1_F07	GM_M13_A1_F07_MR
	15066	GM_M13_A1_F08	GM_M13_A1_F08_MR
55	15067	GM_M13_A1_F09	GM_M13_A1_F09_MR

	15068	GM_M13_A1_F10		GM_M13_A1_F10_MR
	15069	GM_M13_A1_F11		GM_M13_A1_F11_MR
	15070	GM_M13_A1_F12		GM_M13_A1_F12_MR
	15071	GM_M13_A1_G01		GM_M13_A1_G01_MR
5	15072	GM_M13_A1_G02		GM_M13_A1_G02_MR
	15073	GM_M13_A1_G03		GM_M13_A1_G03_MR
	15074	GM_M13_A1_G04		GM_M13_A1_G04_MR
	15075	GM_M13_A1_G05		GM_M13_A1_G05_MR
	15076	GM_M13_A1_G06		GM_M13_A1_G06_MR
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	15078	GM_M13_A1_G08		GM_M13_A1_G08_MR
	15079	GM_M13_A1_G09		GM_M13_A1_G09_MR
	15080	GM_M13_A1_G10		GM_M13_A1_G10_MR
	15081	GM_M13_A1_G11		GM_M13_A1_G11_MR
15	15082	GM_M13_A1_G12		GM_M13_A1_G12_MR
	15083	GM_M13_A1_H01		GM_M13_A1_H01_MR
	15084	GM_M13_A1_H02		GM_M13_A1_H02_MR
	15085	GM_M13_A1_H03		GM_M13_A1_H03_MR
	15086	GM_M13_A1_H04		GM_M13_A1_H04_MR
20	15087	GM_M13_A1_H05		GM_M13_A1_H05_MR
	15088	GM_M13_A1_H06		GM_M13_A1_H06_MR
	15089	GM_M13_A1_H07		GM_M13_A1_H07_MR
	15090	GM_M13_A1_H08		GM_M13_A1_H08_MR
	15091	GM_M13_A1_H09		GM_M13_A1_H09_MR
25	15092	GM_M13_A1_H10		GM_M13_A1_H10_MR
	15093	GM_M13_A1_H12		GM_M13_A1_H12_MR
	15094	GM_M13_A2_A01	GM_M13_A2_A01_MF	GM_M13_A2_A01_MR
	15095	GM_M13_A2_A01		
	15096	GM_M13_A2_A02	GM_M13_A2_A02_MF	GM_M13_A2_A02_MR
30	15097	GM_M13_A2_A02		
	15098	GM_M13_A2_A03	GM_M13_A2_A03_MF	GM_M13_A2_A03_MR
	15099	GM_M13_A2_A03		
	15100	GM_M13_A2_A04	GM_M13_A2_A04_MF	GM_M13_A2_A04_MR
	15101	GM_M13_A2_A04		
35	15102	GM_M13_A2_A05	GM_M13_A2_A05_MF	GM_M13_A2_A05_MR
	15103	GM_M13_A2_A05		
	15104	GM_M13_A2_A06	GM_M13_A2_A06_MF	GM_M13_A2_A06_MR
	15105	GM_M13_A2_A06		
	15106	GM_M13_A2_A07	GM_M13_A2_A07_MF	GM_M13_A2_A07_MR
40	15107	GM_M13_A2_A07		
	15108	GM_M13_A2_A08	GM_M13_A2_A08_MF	GM_M13_A2_A08_MR
	15109	GM_M13_A2_A08		
	15110	GM_M13_A2_A09	GM_M13_A2_A09_MF	GM_M13_A2_A09_MR
	15111	GM_M13_A2_A09		
45	15112	GM_M13_A2_A10	GM_M13_A2_A10_MF	GM_M13_A2_A10_MR
	15113	GM_M13_A2_A10		
	15114	GM_M13_A2_A11	GM_M13_A2_A11_MF	GM_M13_A2_A11_MR
	15115	GM_M13_A2_A11		
	15116	GM_M13_A2_A12	GM_M13_A2_A12_MF	GM_M13_A2_A12_MR
50	15117	GM_M13_A2_A12		
	15118	GM_M13_A2_B01	GM_M13_A2_B01_MF	GM_M13_A2_B01_MR
	15119	GM_M13_A2_B01		
	15120	GM_M13_A2_B02	GM_M13_A2_B02_MF	GM_M13_A2_B02_MR
	15121	GM_M13_A2_B02		
55	15122	GM_M13_A2_B03	GM_M13_A2_B03_MF	

	15123	GM_M13_A2_B03		GM_M13_A2_B03_MR
	15124	GM_M13_A2_B04	GM_M13_A2_B04_MF	
	15125	GM_M13_A2_B04		GM_M13_A2_B04_MR
	15126	GM_M13_A2_B05	GM_M13_A2_B05_MF	
5	15127	GM_M13_A2_B05		GM_M13_A2_B05_MR
	15128	GM_M13_A2_B06	GM_M13_A2_B06_MF	
	15129	GM_M13_A2_B06		GM_M13_A2_B06_MR
	15130	GM_M13_A2_B07	GM_M13_A2_B07_MF	
	15131	GM_M13_A2_B07		GM_M13_A2_B07_MR
10	15132	GM_M13_A2_B08	GM_M13_A2_B08_MF	
	15133	GM_M13_A2_B08		GM_M13_A2_B08_MR
	15134	GM_M13_A2_B09	GM_M13_A2_B09_MF	
	15135	GM_M13_A2_B09		GM_M13_A2_B09_MR
	15136	GM_M13_A2_B10	GM_M13_A2_B10_MF	
15	15137	GM_M13_A2_B10		GM_M13_A2_B10_MR
	15138	GM_M13_A2_B11	GM_M13_A2_B11_MF	
	15139	GM_M13_A2_B11		GM_M13_A2_B11_MR
	15140	GM_M13_A2_B12	GM_M13_A2_B12_MF	
	15141	GM_M13_A2_B12		GM_M13_A2_B12_MR
20	15142	GM_M13_A2_C01	GM_M13_A2_C01_MF	
	15143	GM_M13_A2_C01		GM_M13_A2_C01_MR
	15144	GM_M13_A2_C02	GM_M13_A2_C02_MF	
	15145	GM_M13_A2_C02		GM_M13_A2_C02_MR
	15146	GM_M13_A2_C03	GM_M13_A2_C03_MF	
25	15147	GM_M13_A2_C03		GM_M13_A2_C03_MR
	15148	GM_M13_A2_C04	GM_M13_A2_C04_MF	
	15149	GM_M13_A2_C04		GM_M13_A2_C04_MR
	15150	GM_M13_A2_C05	GM_M13_A2_C05_MF	
	15151	GM_M13_A2_C05		GM_M13_A2_C05_MR
30	15152	GM_M13_A2_C06	GM_M13_A2_C06_MF	
	15153	GM_M13_A2_C06		GM_M13_A2_C06_MR
	15154	GM_M13_A2_C07	GM_M13_A2_C07_MF	
	15155	GM_M13_A2_C07		GM_M13_A2_C07_MR
	15156	GM_M13_A2_C08	GM_M13_A2_C08_MF	
35	15157	GM_M13_A2_C08		GM_M13_A2_C08_MR
	15158	GM_M13_A2_C09	GM_M13_A2_C09_MF	
	15159	GM_M13_A2_C09		GM_M13_A2_C09_MR
	15160	GM_M13_A2_C10	GM_M13_A2_C10_MF	
	15161	GM_M13_A2_C10		GM_M13_A2_C10_MR
40	15162	GM_M13_A2_C11	GM_M13_A2_C11_MF	
	15163	GM_M13_A2_C11		GM_M13_A2_C11_MR
	15164	GM_M13_A2_C12	GM_M13_A2_C12_MF	
	15165	GM_M13_A2_C12		GM_M13_A2_C12_MR
	15166	GM_M13_A2_D01	GM_M13_A2_D01_MF	
45	15167	GM_M13_A2_D01		GM_M13_A2_D01_MR
	15168	GM_M13_A2_D02	GM_M13_A2_D02_MF	
	15169	GM_M13_A2_D02		GM_M13_A2_D02_MR
	15170	GM_M13_A2_D03	GM_M13_A2_D03_MF	
	15171	GM_M13_A2_D04	GM_M13_A2_D04_MF	
50	15172	GM_M13_A2_D04		GM_M13_A2_D04_MR
	15173	GM_M13_A2_D05	GM_M13_A2_D05_MF	
	15174	GM_M13_A2_D05		GM_M13_A2_D05_MR
	15175	GM_M13_A2_D06	GM_M13_A2_D06_MF	
	15176	GM_M13_A2_D06		GM_M13_A2_D06_MR
55	15177	GM_M13_A2_D07	GM_M13_A2_D07_MF	

	15178	GM_M13_A2_D07		GM_M13_A2_D07_MR
	15179	GM_M13_A2_D08	GM_M13_A2_D08_MF	
	15180	GM_M13_A2_D08		GM_M13_A2_D08_MR
	15181	GM_M13_A2_D09	GM_M13_A2_D09_MF	
5	15182	GM_M13_A2_D09		GM_M13_A2_D09_MR
	15183	GM_M13_A2_D10	GM_M13_A2_D10_MF	
	15184	GM_M13_A2_D10		GM_M13_A2_D10_MR
	15185	GM_M13_A2_D11	GM_M13_A2_D11_MF	
	15186	GM_M13_A2_D11		GM_M13_A2_D11_MR
10	15187	GM_M13_A2_D12	GM_M13_A2_D12_MF	
	15188	GM_M13_A2_D12		GM_M13_A2_D12_MR
	15189	GM_M13_A2_E01	GM_M13_A2_E01_MF	
	15190	GM_M13_A2_E01		GM_M13_A2_E01_MR
	15191	GM_M13_A2_E02	GM_M13_A2_E02_MF	
15	15192	GM_M13_A2_E02		GM_M13_A2_E02_MR
	15193	GM_M13_A2_E04	GM_M13_A2_E04_MF	
	15194	GM_M13_A2_E04		GM_M13_A2_E04_MR
	15195	GM_M13_A2_E05	GM_M13_A2_E05_MF	
	15196	GM_M13_A2_E05		GM_M13_A2_E05_MR
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	15198	GM_M13_A2_E06		GM_M13_A2_E06_MR
	15199	GM_M13_A2_E07	GM_M13_A2_E07_MF	
	15200	GM_M13_A2_E07		GM_M13_A2_E07_MR
	15201	GM_M13_A2_E08	GM_M13_A2_E08_MF	
25	15202	GM_M13_A2_E08		GM_M13_A2_E08_MR
	15203	GM_M13_A2_E09	GM_M13_A2_E09_MF	
	15204	GM_M13_A2_E09		GM_M13_A2_E09_MR
	15205	GM_M13_A2_E10	GM_M13_A2_E10_MF	
	15206	GM_M13_A2_E10		GM_M13_A2_E10_MR
30	15207	GM_M13_A2_E11	GM_M13_A2_E11_MF	
	15208	GM_M13_A2_E11		GM_M13_A2_E11_MR
	15209	GM_M13_A2_E12	GM_M13_A2_E12_MF	
	15210	GM_M13_A2_E12		GM_M13_A2_E12_MR
	15211	GM_M13_A2_F01	GM_M13_A2_F01_MF	
35	15212	GM_M13_A2_F01		GM_M13_A2_F01_MR
	15213	GM_M13_A2_F02	GM_M13_A2_F02_MF	
	15214	GM_M13_A2_F02		GM_M13_A2_F02_MR
	15215	GM_M13_A2_F03	GM_M13_A2_F03_MF	
	15216	GM_M13_A2_F03		GM_M13_A2_F03_MR
40	15217	GM_M13_A2_F04	GM_M13_A2_F04_MF	
	15218	GM_M13_A2_F04		GM_M13_A2_F04_MR
	15219	GM_M13_A2_F05	GM_M13_A2_F05_MF	
	15220	GM_M13_A2_F05		GM_M13_A2_F05_MR
	15221	GM_M13_A2_F06	GM_M13_A2_F06_MF	
45	15222	GM_M13_A2_F06		GM_M13_A2_F06_MR
	15223	GM_M13_A2_F07	GM_M13_A2_F07_MF	
	15224	GM_M13_A2_F07		GM_M13_A2_F07_MR
	15225	GM_M13_A2_F08	GM_M13_A2_F08_MF	
	15226	GM_M13_A2_F08		GM_M13_A2_F08_MR
50	15227	GM_M13_A2_F09	GM_M13_A2_F09_MF	
	15228	GM_M13_A2_F09		GM_M13_A2_F09_MR
	15229	GM_M13_A2_F10	GM_M13_A2_F10_MF	
	15230	GM_M13_A2_F10		GM_M13_A2_F10_MR
	15231	GM_M13_A2_F11	GM_M13_A2_F11_MF	
55	15232	GM_M13_A2_F11		GM_M13_A2_F11_MR

	15233	GM_M13_A2_F12	GM_M13_A2_F12_MF	
	15234	GM_M13_A2_F12		GM_M13_A2_F12_MR
	15235	GM_M13_A2_G01	GM_M13_A2_G01_MF	
	15236	GM_M13_A2_G01		GM_M13_A2_G01_MR
5	15237	GM_M13_A2_G02	GM_M13_A2_G02_MF	
	15238	GM_M13_A2_G02		GM_M13_A2_G02_MR
	15239	GM_M13_A2_G03	GM_M13_A2_G03_MF	
	15240	GM_M13_A2_G03		GM_M13_A2_G03_MR
	15241	GM_M13_A2_G04	GM_M13_A2_G04_MF	
10	15242	GM_M13_A2_G04		GM_M13_A2_G04_MR
	15243	GM_M13_A2_G05	GM_M13_A2_G05_MF	
	15244	GM_M13_A2_G05		GM_M13_A2_G05_MR
	15245	GM_M13_A2_G06	GM_M13_A2_G06_MF	
	15246	GM_M13_A2_G06		GM_M13_A2_G06_MR
15	15247	GM_M13_A2_G07	GM_M13_A2_G07_MF	
	15248	GM_M13_A2_G07		GM_M13_A2_G07_MR
	15249	GM_M13_A2_G08	GM_M13_A2_G08_MF	
	15250	GM_M13_A2_G08		GM_M13_A2_G08_MR
	15251	GM_M13_A2_G09	GM_M13_A2_G09_MF	
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	15253	GM_M13_A2_G11	GM_M13_A2_G11_MF	
	15254	GM_M13_A2_G11		GM_M13_A2_G11_MR
	15255	GM_M13_A2_G12	GM_M13_A2_G12_MF	
	15256	GM_M13_A2_G12		GM_M13_A2_G12_MR
25	15257	GM_M13_A2_H01	GM_M13_A2_H01_MF	
	15258	GM_M13_A2_H01		GM_M13_A2_H01_MR
	15259	GM_M13_A2_H02	GM_M13_A2_H02_MF	
	15260	GM_M13_A2_H02		GM_M13_A2_H02_MR
	15261	GM_M13_A2_H03	GM_M13_A2_H03_MF	
30	15262	GM_M13_A2_H03		GM_M13_A2_H03_MR
	15263	GM_M13_A2_H04	GM_M13_A2_H04_MF	
	15264	GM_M13_A2_H04		GM_M13_A2_H04_MR
	15265	GM_M13_A2_H05	GM_M13_A2_H05_MF	
	15266	GM_M13_A2_H05		GM_M13_A2_H05_MR
35	15267	GM_M13_A2_H06	GM_M13_A2_H06_MF	
	15268	GM_M13_A2_H06		GM_M13_A2_H06_MR
	15269	GM_M13_A2_H07	GM_M13_A2_H07_MF	
	15270	GM_M13_A2_H07		GM_M13_A2_H07_MR
	15271	GM_M13_A2_H08	GM_M13_A2_H08_MF	
40	15272	GM_M13_A2_H08		GM_M13_A2_H08_MR
	15273	GM_M13_A2_H09	GM_M13_A2_H09_MF	
	15274	GM_M13_A2_H09		GM_M13_A2_H09_MR
	15275	GM_M13_A2_H10	GM_M13_A2_H10_MF	
	15276	GM_M13_A2_H10		GM_M13_A2_H10_MR
45	15277	GM_M13_A2_H11	GM_M13_A2_H11_MF	
	15278	GM_M13_A2_H11		GM_M13_A2_H11_MR
	15279	GM_M13_A2_H12	GM_M13_A2_H12_MF	
	15280	GM_M13_A2_H12		GM_M13_A2_H12_MR
	15281	GM_M13_B1_A01	GM_M13_B1_A01_MF	
50	15282	GM_M13_B1_A01		GM_M13_B1_A01_MR
	15283	GM_M13_B1_A02	GM_M13_B1_A02_MF	
	15284	GM_M13_B1_A02		GM_M13_B1_A02_MR
	15285	GM_M13_B1_A03	GM_M13_B1_A03_MF	
	15286	GM_M13_B1_A03		GM_M13_B1_A03_MR
55	15287	GM_M13_B1_A04	GM_M13_B1_A04_MF	

	15288	GM_M13_B1_A04		GM_M13_B1_A04_MR
	15289	GM_M13_B1_A05	GM_M13_B1_A05_MF	
	15290	GM_M13_B1_A05		GM_M13_B1_A05_MR
	15291	GM_M13_B1_A06	GM_M13_B1_A06_MF	
5	15292	GM_M13_B1_A06		GM_M13_B1_A06_MR
	15293	GM_M13_B1_A07	GM_M13_B1_A07_MF	
	15294	GM_M13_B1_A07		GM_M13_B1_A07_MR
	15295	GM_M13_B1_A08	GM_M13_B1_A08_MF	
	15296	GM_M13_B1_A08		GM_M13_B1_A08_MR
10	15297	GM_M13_B1_A09	GM_M13_B1_A09_MF	
	15298	GM_M13_B1_A09		GM_M13_B1_A09_MR
	15299	GM_M13_B1_A10	GM_M13_B1_A10_MF	
	15300	GM_M13_B1_A10		GM_M13_B1_A10_MR
	15301	GM_M13_B1_A11	GM_M13_B1_A11_MF	
15	15302	GM_M13_B1_A11		GM_M13_B1_A11_MR
	15303	GM_M13_B1_A12	GM_M13_B1_A12_MF	
	15304	GM_M13_B1_A12		GM_M13_B1_A12_MR
	15305	GM_M13_B1_B01	GM_M13_B1_B01_MF	
	15306	GM_M13_B1_B01		GM_M13_B1_B01_MR
20	15307	GM_M13_B1_B02	GM_M13_B1_B02_MF	
	15308	GM_M13_B1_B02		GM_M13_B1_B02_MR
	15309	GM_M13_B1_B03	GM_M13_B1_B03_MF	
	15310	GM_M13_B1_B03		GM_M13_B1_B03_MR
	15311	GM_M13_B1_B04	GM_M13_B1_B04_MF	
25	15312	GM_M13_B1_B04		GM_M13_B1_B04_MR
	15313	GM_M13_B1_B05	GM_M13_B1_B05_MF	
	15314	GM_M13_B1_B05		GM_M13_B1_B05_MR
	15315	GM_M13_B1_B06	GM_M13_B1_B06_MF	
	15316	GM_M13_B1_B06		GM_M13_B1_B06_MR
30	15317	GM_M13_B1_B07	GM_M13_B1_B07_MF	
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	15319	GM_M13_B1_B08	GM_M13_B1_B08_MF	
	15320	GM_M13_B1_B08		GM_M13_B1_B08_MR
	15321	GM_M13_B1_B09	GM_M13_B1_B09_MF	
35	15322	GM_M13_B1_B09		GM_M13_B1_B09_MR
	15323	GM_M13_B1_B10	GM_M13_B1_B10_MF	
	15324	GM_M13_B1_B10		GM_M13_B1_B10_MR
	15325	GM_M13_B1_B11	GM_M13_B1_B11_MF	
	15326	GM_M13_B1_B11		GM_M13_B1_B11_MR
40	15327	GM_M13_B1_B12	GM_M13_B1_B12_MF	
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	15329	GM_M13_B1_C01	GM_M13_B1_C01_MF	
	15330	GM_M13_B1_C01		GM_M13_B1_C01_MR
	15331	GM_M13_B1_C02	GM_M13_B1_C02_MF	
45	15332	GM_M13_B1_C02		GM_M13_B1_C02_MR
	15333	GM_M13_B1_C03	GM_M13_B1_C03_MF	
	15334	GM_M13_B1_C03		GM_M13_B1_C03_MR
	15335	GM_M13_B1_C04	GM_M13_B1_C04_MF	
	15336	GM_M13_B1_C04		GM_M13_B1_C04_MR
50	15337	GM_M13_B1_C05	GM_M13_B1_C05_MF	
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	15339	GM_M13_B1_C06	GM_M13_B1_C06_MF	
	15340	GM_M13_B1_C06		GM_M13_B1_C06_MR
	15341	GM_M13_B1_C07	GM_M13_B1_C07_MF	
55	15342	GM_M13_B1_C07		GM_M13_B1_C07_MR

	15343	GM_M13_B1_C08	GM_M13_B1_C08_MF	
	15344	GM_M13_B1_C08		GM_M13_B1_C08_MR
	15345	GM_M13_B1_C09	GM_M13_B1_C09_MF	
	15346	GM_M13_B1_C09		GM_M13_B1_C09_MR
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	15348	GM_M13_B1_C10		GM_M13_B1_C10_MR
	15349	GM_M13_B1_C11	GM_M13_B1_C11_MF	
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	15351	GM_M13_B1_C12	GM_M13_B1_C12_MF	
10	15352	GM_M13_B1_C12		GM_M13_B1_C12_MR
	15353	GM_M13_B1_D01	GM_M13_B1_D01_MF	
	15354	GM_M13_B1_D01		GM_M13_B1_D01_MR
	15355	GM_M13_B1_D02	GM_M13_B1_D02_MF	
	15356	GM_M13_B1_D02		GM_M13_B1_D02_MR
15	15357	GM_M13_B1_D03	GM_M13_B1_D03_MF	
	15358	GM_M13_B1_D03		GM_M13_B1_D03_MR
	15359	GM_M13_B1_D04	GM_M13_B1_D04_MF	
	15360	GM_M13_B1_D04		GM_M13_B1_D04_MR
	15361	GM_M13_B1_D05	GM_M13_B1_D05_MF	
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	15363	GM_M13_B1_D06	GM_M13_B1_D06_MF	
	15364	GM_M13_B1_D06		GM_M13_B1_D06_MR
	15365	GM_M13_B1_D07	GM_M13_B1_D07_MF	
	15366	GM_M13_B1_D07		GM_M13_B1_D07_MR
25	15367	GM_M13_B1_D08	GM_M13_B1_D08_MF	
	15368	GM_M13_B1_D08		GM_M13_B1_D08_MR
	15369	GM_M13_B1_D09	GM_M13_B1_D09_MF	
	15370	GM_M13_B1_D09		GM_M13_B1_D09_MR
	15371	GM_M13_B1_D10	GM_M13_B1_D10_MF	
30	15372	GM_M13_B1_D10		GM_M13_B1_D10_MR
	15373	GM_M13_B1_D11	GM_M13_B1_D11_MF	
	15374	GM_M13_B1_D11		GM_M13_B1_D11_MR
	15375	GM_M13_B1_D12	GM_M13_B1_D12_MF	
	15376	GM_M13_B1_D12		GM_M13_B1_D12_MR
35	15377	GM_M13_B1_E01	GM_M13_B1_E01_MF	
	15378	GM_M13_B1_E01		GM_M13_B1_E01_MR
	15379	GM_M13_B1_E02	GM_M13_B1_E02_MF	
	15380	GM_M13_B1_E02		GM_M13_B1_E02_MR
	15381	GM_M13_B1_E03	GM_M13_B1_E03_MF	
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	15383	GM_M13_B1_E04	GM_M13_B1_E04_MF	
	15384	GM_M13_B1_E04		GM_M13_B1_E04_MR
	15385	GM_M13_B1_E05	GM_M13_B1_E05_MF	
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45	15387	GM_M13_B1_E06	GM_M13_B1_E06_MF	
	15388	GM_M13_B1_E06		GM_M13_B1_E06_MR
	15389	GM_M13_B1_E08	GM_M13_B1_E08_MF	
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	15391	GM_M13_B1_E09	GM_M13_B1_E09_MF	
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	15393	GM_M13_B1_E10	GM_M13_B1_E10_MF	
	15394	GM_M13_B1_E10		GM_M13_B1_E10_MR
	15395	GM_M13_B1_E11	GM_M13_B1_E11_MF	
	15396	GM_M13_B1_E11		GM_M13_B1_E11_MR
55	15397	GM_M13_B1_E12	GM_M13_B1_E12_MF	

	15398	GM_M13_B1_E12		GM_M13_B1_E12_MR
	15399	GM_M13_B1_F01	GM_M13_B1_F01_MF	
	15400	GM_M13_B1_F01		GM_M13_B1_F01_MR
	15401	GM_M13_B1_F02	GM_M13_B1_F02_MF	
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	15403	GM_M13_B1_F03	GM_M13_B1_F03_MF	
	15404	GM_M13_B1_F03		GM_M13_B1_F03_MR
	15405	GM_M13_B1_F04	GM_M13_B1_F04_MF	
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	15408	GM_M13_B1_F05		GM_M13_B1_F05_MR
	15409	GM_M13_B1_F06	GM_M13_B1_F06_MF	
	15410	GM_M13_B1_F06		GM_M13_B1_F06_MR
	15411	GM_M13_B1_F07	GM_M13_B1_F07_MF	
15	15412	GM_M13_B1_F07		GM_M13_B1_F07_MR
	15413	GM_M13_B1_F08	GM_M13_B1_F08_MF	
	15414	GM_M13_B1_F08		GM_M13_B1_F08_MR
	15415	GM_M13_B1_F09	GM_M13_B1_F09_MF	
	15416	GM_M13_B1_F09		GM_M13_B1_F09_MR
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	15418	GM_M13_B1_F10		GM_M13_B1_F10_MR
	15419	GM_M13_B1_F11	GM_M13_B1_F11_MF	
	15420	GM_M13_B1_F11		GM_M13_B1_F11_MR
	15421	GM_M13_B1_F12	GM_M13_B1_F12_MF	
25	15422	GM_M13_B1_F12		GM_M13_B1_F12_MR
	15423	GM_M13_B1_G01	GM_M13_B1_G01_MF	
	15424	GM_M13_B1_G01		GM_M13_B1_G01_MR
	15425	GM_M13_B1_G02	GM_M13_B1_G02_MF	
	15426	GM_M13_B1_G02		GM_M13_B1_G02_MR
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	15428	GM_M13_B1_G03		GM_M13_B1_G03_MR
	15429	GM_M13_B1_G04	GM_M13_B1_G04_MF	
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	15431	GM_M13_B1_G05	GM_M13_B1_G05_MF	
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	15433	GM_M13_B1_G06	GM_M13_B1_G06_MF	
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	15435	GM_M13_B1_G07	GM_M13_B1_G07_MF	
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	15439	GM_M13_B1_G09	GM_M13_B1_G09_MF	
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	15441	GM_M13_B1_G10	GM_M13_B1_G10_MF	
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	15443	GM_M13_B1_G11	GM_M13_B1_G11_MF	
	15444	GM_M13_B1_G11		GM_M13_B1_G11_MR
	15445	GM_M13_B1_G12	GM_M13_B1_G12_MF	
	15446	GM_M13_B1_G12		GM_M13_B1_G12_MR
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	15448	GM_M13_B1_H01		GM_M13_B1_H01_MR
	15449	GM_M13_B1_H02	GM_M13_B1_H02_MF	
	15450	GM_M13_B1_H02		GM_M13_B1_H02_MR
	15451	GM_M13_B1_H03	GM_M13_B1_H03_MF	
55	15452	GM_M13_B1_H03		GM_M13_B1_H03_MR

	15453	GM_M13_B1_H04	GM_M13_B1_H04_MF	
	15454	GM_M13_B1_H04		GM_M13_B1_H04_MR
	15455	GM_M13_B1_H05	GM_M13_B1_H05_MF	
	15456	GM_M13_B1_H05		GM_M13_B1_H05_MR
5	15457	GM_M13_B1_H06	GM_M13_B1_H06_MF	
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	15459	GM_M13_B1_H07	GM_M13_B1_H07_MF	
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	15461	GM_M13_B1_H08	GM_M13_B1_H08_MF	
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	15463	GM_M13_B1_H09	GM_M13_B1_H09_MF	
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	15465	GM_M13_B1_H10	GM_M13_B1_H10_MF	
	15466	GM_M13_B1_H10		GM_M13_B1_H10_MR
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	15468	GM_M13_B1_H11		GM_M13_B1_H11_MR
	15469	GM_M13_B1_H12	GM_M13_B1_H12_MF	
	15470	GM_M13_B1_H12		GM_M13_B1_H12_MR
	15471	GM_M13_B2_A01	GM_M13_B2_A01_MF	
20	15472	GM_M13_B2_A02	GM_M13_B2_A02_MF	
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	15474	GM_M13_B2_A03	GM_M13_B2_A03_MF	
	15475	GM_M13_B2_A03		GM_M13_B2_A03_MR
	15476	GM_M13_B2_A04	GM_M13_B2_A04_MF	
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	15478	GM_M13_B2_A05	GM_M13_B2_A05_MF	
	15479	GM_M13_B2_A05		GM_M13_B2_A05_MR
	15480	GM_M13_B2_A06	GM_M13_B2_A06_MF	
	15481	GM_M13_B2_A06		GM_M13_B2_A06_MR
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	15484	GM_M13_B2_A08	GM_M13_B2_A08_MF	
	15485	GM_M13_B2_A09	GM_M13_B2_A09_MF	
	15486	GM_M13_B2_A10	GM_M13_B2_A10_MF	
35	15487	GM_M13_B2_A10		GM_M13_B2_A10_MR
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	15489	GM_M13_B2_A11		GM_M13_B2_A11_MR
	15490	GM_M13_B2_A12	GM_M13_B2_A12_MF	
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	15493	GM_M13_B2_B02	GM_M13_B2_B02_MF	
	15494	GM_M13_B2_B02		GM_M13_B2_B02_MR
	15495	GM_M13_B2_B03	GM_M13_B2_B03_MF	
	15496	GM_M13_B2_B03		GM_M13_B2_B03_MR
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	15499	GM_M13_B2_B05	GM_M13_B2_B05_MF	
	15500	GM_M13_B2_B05		GM_M13_B2_B05_MR
	15501	GM_M13_B2_B06	GM_M13_B2_B06_MF	
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	15503	GM_M13_B2_B07	GM_M13_B2_B07_MF	
	15504	GM_M13_B2_B07		GM_M13_B2_B07_MR
	15505	GM_M13_B2_B08	GM_M13_B2_B08_MF	
	15506	GM_M13_B2_B08		GM_M13_B2_B08_MR
55	15507	GM_M13_B2_B09	GM_M13_B2_B09_MF	

	15508	GM_M13_B2_B10	GM_M13_B2_B10_MF	
	15509	GM_M13_B2_B10		GM_M13_B2_B10_MR
	15510	GM_M13_B2_B11	GM_M13_B2_B11_MF	
	15511	GM_M13_B2_B11		GM_M13_B2_B11_MR
5	15512	GM_M13_B2_B12	GM_M13_B2_B12_MF	
	15513	GM_M13_B2_B12		GM_M13_B2_B12_MR
	15514	GM_M13_B2_C01	GM_M13_B2_C01_MF	
	15515	GM_M13_B2_C01		GM_M13_B2_C01_MR
	15516	GM_M13_B2_C02	GM_M13_B2_C02_MF	
10	15517	GM_M13_B2_C02		GM_M13_B2_C02_MR
	15518	GM_M13_B2_C03	GM_M13_B2_C03_MF	
	15519	GM_M13_B2_C03		GM_M13_B2_C03_MR
	15520	GM_M13_B2_C04	GM_M13_B2_C04_MF	
	15521	GM_M13_B2_C04		GM_M13_B2_C04_MR
15	15522	GM_M13_B2_C05	GM_M13_B2_C05_MF	
	15523	GM_M13_B2_C05		GM_M13_B2_C05_MR
	15524	GM_M13_B2_C06	GM_M13_B2_C06_MF	
	15525	GM_M13_B2_C06		GM_M13_B2_C06_MR
	15526	GM_M13_B2_C07	GM_M13_B2_C07_MF	
20	15527	GM_M13_B2_C07		GM_M13_B2_C07_MR
	15528	GM_M13_B2_C08	GM_M13_B2_C08_MF	
	15529	GM_M13_B2_C08		GM_M13_B2_C08_MR
	15530	GM_M13_B2_C09	GM_M13_B2_C09_MF	
	15531	GM_M13_B2_C09		GM_M13_B2_C09_MR
25	15532	GM_M13_B2_C10	GM_M13_B2_C10_MF	
	15533	GM_M13_B2_C10		GM_M13_B2_C10_MR
	15534	GM_M13_B2_C11	GM_M13_B2_C11_MF	
	15535	GM_M13_B2_C11		GM_M13_B2_C11_MR
	15536	GM_M13_B2_C12	GM_M13_B2_C12_MF	
30	15537	GM_M13_B2_C12		GM_M13_B2_C12_MR
	15538	GM_M13_B2_D01	GM_M13_B2_D01_MF	
	15539	GM_M13_B2_D01		GM_M13_B2_D01_MR
	15540	GM_M13_B2_D02	GM_M13_B2_D02_MF	
	15541	GM_M13_B2_D02		GM_M13_B2_D02_MR
35	15542	GM_M13_B2_D03	GM_M13_B2_D03_MF	
	15543	GM_M13_B2_D03		GM_M13_B2_D03_MR
	15544	GM_M13_B2_D04	GM_M13_B2_D04_MF	
	15545	GM_M13_B2_D04		GM_M13_B2_D04_MR
	15546	GM_M13_B2_D05	GM_M13_B2_D05_MF	
40	15547	GM_M13_B2_D05		GM_M13_B2_D05_MR
	15548	GM_M13_B2_D06	GM_M13_B2_D06_MF	
	15549	GM_M13_B2_D06		GM_M13_B2_D06_MR
	15550	GM_M13_B2_D07	GM_M13_B2_D07_MF	
	15551	GM_M13_B2_D07		GM_M13_B2_D07_MR
45	15552	GM_M13_B2_D08	GM_M13_B2_D08_MF	
	15553	GM_M13_B2_D08		GM_M13_B2_D08_MR
	15554	GM_M13_B2_D09	GM_M13_B2_D09_MF	
	15555	GM_M13_B2_D09		GM_M13_B2_D09_MR
	15556	GM_M13_B2_D10	GM_M13_B2_D10_MF	
50	15557	GM_M13_B2_D10		GM_M13_B2_D10_MR
	15558	GM_M13_B2_D11	GM_M13_B2_D11_MF	
	15559	GM_M13_B2_D11		GM_M13_B2_D11_MR
	15560	GM_M13_B2_D12	GM_M13_B2_D12_MF	
	15561	GM_M13_B2_D12		GM_M13_B2_D12_MR
55	15562	GM_M13_B2_E01	GM_M13_B2_E01_MF	

	15563	GM_M13_B2_E01		GM_M13_B2_E01_MR
	15564	GM_M13_B2_E02	GM_M13_B2_E02_MF	
	15565	GM_M13_B2_E02		GM_M13_B2_E02_MR
	15566	GM_M13_B2_E03	GM_M13_B2_E03_MF	
5	15567	GM_M13_B2_E03		GM_M13_B2_E03_MR
	15568	GM_M13_B2_E04	GM_M13_B2_E04_MF	
	15569	GM_M13_B2_E04		GM_M13_B2_E04_MR
	15570	GM_M13_B2_E05	GM_M13_B2_E05_MF	
	15571	GM_M13_B2_E05		GM_M13_B2_E05_MR
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	15573	GM_M13_B2_E06		GM_M13_B2_E06_MR
	15574	GM_M13_B2_E07	GM_M13_B2_E07_MF	
	15575	GM_M13_B2_E07		GM_M13_B2_E07_MR
	15576	GM_M13_B2_E08	GM_M13_B2_E08_MF	
15	15577	GM_M13_B2_E08		GM_M13_B2_E08_MR
	15578	GM_M13_B2_E09	GM_M13_B2_E09_MF	
	15579	GM_M13_B2_E09		GM_M13_B2_E09_MR
	15580	GM_M13_B2_E10	GM_M13_B2_E10_MF	
	15581	GM_M13_B2_E10		GM_M13_B2_E10_MR
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	15583	GM_M13_B2_E11		GM_M13_B2_E11_MR
	15584	GM_M13_B2_E12	GM_M13_B2_E12_MF	
	15585	GM_M13_B2_E12		GM_M13_B2_E12_MR
	15586	GM_M13_B2_F01	GM_M13_B2_F01_MF	
25	15587	GM_M13_B2_F01		GM_M13_B2_F01_MR
	15588	GM_M13_B2_F02	GM_M13_B2_F02_MF	
	15589	GM_M13_B2_F02		GM_M13_B2_F02_MR
	15590	GM_M13_B2_F03	GM_M13_B2_F03_MF	
	15591	GM_M13_B2_F03		GM_M13_B2_F03_MR
30	15592	GM_M13_B2_F04	GM_M13_B2_F04_MF	
	15593	GM_M13_B2_F04		GM_M13_B2_F04_MR
	15594	GM_M13_B2_F05	GM_M13_B2_F05_MF	
	15595	GM_M13_B2_F05		GM_M13_B2_F05_MR
	15596	GM_M13_B2_F06	GM_M13_B2_F06_MF	
35	15597	GM_M13_B2_F06		GM_M13_B2_F06_MR
	15598	GM_M13_B2_F07	GM_M13_B2_F07_MF	
	15599	GM_M13_B2_F07		GM_M13_B2_F07_MR
	15600	GM_M13_B2_F08	GM_M13_B2_F08_MF	
	15601	GM_M13_B2_F08		GM_M13_B2_F08_MR
40	15602	GM_M13_B2_F09	GM_M13_B2_F09_MF	
	15603	GM_M13_B2_F10	GM_M13_B2_F10_MF	
	15604	GM_M13_B2_F10		GM_M13_B2_F10_MR
	15605	GM_M13_B2_F11	GM_M13_B2_F11_MF	
	15606	GM_M13_B2_F11		GM_M13_B2_F11_MR
45	15607	GM_M13_B2_F12	GM_M13_B2_F12_MF	
	15608	GM_M13_B2_F12		GM_M13_B2_F12_MR
	15609	GM_M13_B2_G01	GM_M13_B2_G01_MF	
	15610	GM_M13_B2_G01		GM_M13_B2_G01_MR
	15611	GM_M13_B2_G02	GM_M13_B2_G02_MF	
50	15612	GM_M13_B2_G02		GM_M13_B2_G02_MR
	15613	GM_M13_B2_G03	GM_M13_B2_G03_MF	
	15614	GM_M13_B2_G03		GM_M13_B2_G03_MR
	15615	GM_M13_B2_G04	GM_M13_B2_G04_MF	
	15616	GM_M13_B2_G04		GM_M13_B2_G04_MR
55	15617	GM_M13_B2_G05	GM_M13_B2_G05_MF	

	15618	GM_M13_B2_G05		GM_M13_B2_G05_MR
	15619	GM_M13_B2_G06	GM_M13_B2_G06_MF	
	15620	GM_M13_B2_G06		GM_M13_B2_G06_MR
	15621	GM_M13_B2_G07	GM_M13_B2_G07_MF	
5	15622	GM_M13_B2_G07		GM_M13_B2_G07_MR
	15623	GM_M13_B2_G08	GM_M13_B2_G08_MF	
	15624	GM_M13_B2_G08		GM_M13_B2_G08_MR
	15625	GM_M13_B2_G09	GM_M13_B2_G09_MF	
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	15629	GM_M13_B2_G11	GM_M13_B2_G11_MF	
	15630	GM_M13_B2_G11		GM_M13_B2_G11_MR
	15631	GM_M13_B2_G12	GM_M13_B2_G12_MF	
15	15632	GM_M13_B2_G12		GM_M13_B2_G12_MR
	15633	GM_M13_B2_H01	GM_M13_B2_H01_MF	
	15634	GM_M13_B2_H01		GM_M13_B2_H01_MR
	15635	GM_M13_B2_H02	GM_M13_B2_H02_MF	
	15636	GM_M13_B2_H02		GM_M13_B2_H02_MR
20	15637	GM_M13_B2_H03	GM_M13_B2_H03_MF	
	15638	GM_M13_B2_H03		GM_M13_B2_H03_MR
	15639	GM_M13_B2_H04	GM_M13_B2_H04_MF	
	15640	GM_M13_B2_H04		GM_M13_B2_H04_MR
	15641	GM_M13_B2_H05	GM_M13_B2_H05_MF	
25	15642	GM_M13_B2_H05		GM_M13_B2_H05_MR
	15643	GM_M13_B2_H06	GM_M13_B2_H06_MF	
	15644	GM_M13_B2_H06		GM_M13_B2_H06_MR
	15645	GM_M13_B2_H07	GM_M13_B2_H07_MF	
	15646	GM_M13_B2_H07		GM_M13_B2_H07_MR
30	15647	GM_M13_B2_H08	GM_M13_B2_H08_MF	
	15648	GM_M13_B2_H08		GM_M13_B2_H08_MR
	15649	GM_M13_B2_H09	GM_M13_B2_H09_MF	
	15650	GM_M13_B2_H09		GM_M13_B2_H09_MR
	15651	GM_M13_B2_H10	GM_M13_B2_H10_MF	
35	15652	GM_M13_B2_H10		GM_M13_B2_H10_MR
	15653	GM_M13_B2_H11	GM_M13_B2_H11_MF	
	15654	GM_M13_B2_H12	GM_M13_B2_H12_MF	
	15655	GM_M13_B2_H12		GM_M13_B2_H12_MR
	15656	GM_M14_A1_A01	GM_M14_A1_A01_MF	
40	15657	GM_M14_A1_A10		GM_M14_A1_A10_MR
	15658	GM_M14_A1_B02	GM_M14_A1_B02_MF	
	15659	GM_M14_A1_B03	GM_M14_A1_B03_MF	
	15660	GM_M14_A1_B03		GM_M14_A1_B03_MR
	15661	GM_M14_A1_B05	GM_M14_A1_B05_MF	
45	15662	GM_M14_A1_B05		GM_M14_A1_B05_MR
	15663	GM_M14_A1_B07	GM_M14_A1_B07_MF	
	15664	GM_M14_A1_B08	GM_M14_A1_B08_MF	
	15665	GM_M14_A1_B09	GM_M14_A1_B09_MF	
	15666	GM_M14_A1_B09		GM_M14_A1_B09_MR
50	15667	GM_M14_A1_B10	GM_M14_A1_B10_MF	
	15668	GM_M14_A1_B10		GM_M14_A1_B10_MR
	15669	GM_M14_A1_B11	GM_M14_A1_B11_MF	
	15670	GM_M14_A1_B12	GM_M14_A1_B12_MF	
	15671	GM_M14_A1_B12		GM_M14_A1_B12_MR
55	15672	GM_M14_A1_C02	GM_M14_A1_C02_MF	

	15673	GM_M14_A1_C05	GM_M14_A1_C05_MF	
	15674	GM_M14_A1_C05		GM_M14_A1_C05_MR
	15675	GM_M14_A1_C07	GM_M14_A1_C07_MF	
	15676	GM_M14_A1_C08	GM_M14_A1_C08_MF	
5	15677	GM_M14_A1_C09	GM_M14_A1_C09_MF	
	15678	GM_M14_A1_C11	GM_M14_A1_C11_MF	
	15679	GM_M14_A1_C12	GM_M14_A1_C12_MF	
	15680	GM_M14_A1_C12		GM_M14_A1_C12_MR
	15681	GM_M14_A1_D01		GM_M14_A1_D01_MR
10	15682	GM_M14_A1_D03	GM_M14_A1_D03_MF	
	15683	GM_M14_A1_D05	GM_M14_A1_D05_MF	
	15684	GM_M14_A1_D06	GM_M14_A1_D06_MF	
	15685	GM_M14_A1_D07	GM_M14_A1_D07_MF	
	15686	GM_M14_A1_D08	GM_M14_A1_D08_MF	
15	15687	GM_M14_A1_D09	GM_M14_A1_D09_MF	
	15688	GM_M14_A1_D10	GM_M14_A1_D10_MF	
	15689	GM_M14_A1_D10		GM_M14_A1_D10_MR
	15690	GM_M14_A1_D11	GM_M14_A1_D11_MF	
	15691	GM_M14_A1_D12	GM_M14_A1_D12_MF	
20	15692	GM_M14_A1_D12		GM_M14_A1_D12_MR
	15693	GM_M14_A1_E01	GM_M14_A1_E01_MF	
	15694	GM_M14_A1_E09		GM_M14_A1_E09_MR
	15695	GM_M14_A1_E11	GM_M14_A1_E11_MF	
	15696	GM_M14_A1_F01	GM_M14_A1_F01_MF	
25	15697	GM_M14_A1_F02	GM_M14_A1_F02_MF	
	15698	GM_M14_A1_F04	GM_M14_A1_F04_MF	
	15699	GM_M14_A1_F05	GM_M14_A1_F05_MF	
	15700	GM_M14_A1_F07	GM_M14_A1_F07_MF	
	15701	GM_M14_A1_F08	GM_M14_A1_F08_MF	
30	15702	GM_M14_A1_F10	GM_M14_A1_F10_MF	
	15703	GM_M14_A1_F10		GM_M14_A1_F10_MR
	15704	GM_M14_A1_F11	GM_M14_A1_F11_MF	
	15705	GM_M14_A1_F12	GM_M14_A1_F12_MF	
	15706	GM_M14_A1_F12		GM_M14_A1_F12_MR
35	15707	GM_M14_A1_G01	GM_M14_A1_G01_MF	
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	15709	GM_M14_A1_G03	GM_M14_A1_G03_MF	
	15710	GM_M14_A1_G04	GM_M14_A1_G04_MF	
	15711	GM_M14_A1_G05	GM_M14_A1_G05_MF	
40	15712	GM_M14_A1_G05		GM_M14_A1_G05_MR
	15713	GM_M14_A1_G06	GM_M14_A1_G06_MF	
	15714	GM_M14_A1_G07	GM_M14_A1_G07_MF	
	15715	GM_M14_A1_G08	GM_M14_A1_G08_MF	
	15716	GM_M14_A1_G10	GM_M14_A1_G10_MF	
45	15717	GM_M14_A1_G10		GM_M14_A1_G10_MR
	15718	GM_M14_A1_G11	GM_M14_A1_G11_MF	
	15719	GM_M14_A1_G12	GM_M14_A1_G12_MF	
	15720	GM_M14_A1_H01	GM_M14_A1_H01_MF	
	15721	GM_M14_A1_H02	GM_M14_A1_H02_MF	
50	15722	GM_M14_A1_H03	GM_M14_A1_H03_MF	
	15723	GM_M14_A1_H04	GM_M14_A1_H04_MF	
	15724	GM_M14_A1_H05	GM_M14_A1_H05_MF	
	15725	GM_M14_A1_H07	GM_M14_A1_H07_MF	
	15726	GM_M14_A1_H08	GM_M14_A1_H08_MF	
55	15727	GM_M14_A1_H09	GM_M14_A1_H09_MF	

	15728	GM_M14_A1_H10	GM_M14_A1_H10_MF	
	15729	GM_M14_A1_H10		GM_M14_A1_H10_MR
	15730	GM_M14_A1_H11	GM_M14_A1_H11_MF	
	15731	GM_M14_A1_H12	GM_M14_A1_H12_MF	
5	15732	GM_M14_A2_A01	GM_M14_A2_A01_MF	
	15733	GM_M14_A2_A01		GM_M14_A2_A01_MR
	15734	GM_M14_A2_A02	GM_M14_A2_A02_MF	
	15735	GM_M14_A2_A02		GM_M14_A2_A02_MR
	15736	GM_M14_A2_A03	GM_M14_A2_A03_MF	
10	15737	GM_M14_A2_A03		GM_M14_A2_A03_MR
	15738	GM_M14_A2_A04	GM_M14_A2_A04_MF	
	15739	GM_M14_A2_A04		GM_M14_A2_A04_MR
	15740	GM_M14_A2_A05	GM_M14_A2_A05_MF	
	15741	GM_M14_A2_A05		GM_M14_A2_A05_MR
15	15742	GM_M14_A2_A06	GM_M14_A2_A06_MF	
	15743	GM_M14_A2_A06		GM_M14_A2_A06_MR
	15744	GM_M14_A2_A07	GM_M14_A2_A07_MF	
	15745	GM_M14_A2_A07		GM_M14_A2_A07_MR
	15746	GM_M14_A2_A08	GM_M14_A2_A08_MF	
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	15748	GM_M14_A2_A09	GM_M14_A2_A09_MF	
	15749	GM_M14_A2_A09		GM_M14_A2_A09_MR
	15750	GM_M14_A2_A10	GM_M14_A2_A10_MF	
	15751	GM_M14_A2_A10		GM_M14_A2_A10_MR
25	15752	GM_M14_A2_A11	GM_M14_A2_A11_MF	
	15753	GM_M14_A2_A11		GM_M14_A2_A11_MR
	15754	GM_M14_A2_A12	GM_M14_A2_A12_MF	
	15755	GM_M14_A2_A12		GM_M14_A2_A12_MR
	15756	GM_M14_A2_B01	GM_M14_A2_B01_MF	
30	15757	GM_M14_A2_B02	GM_M14_A2_B02_MF	
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	15759	GM_M14_A2_B03	GM_M14_A2_B03_MF	
	15760	GM_M14_A2_B03		GM_M14_A2_B03_MR
	15761	GM_M14_A2_B04	GM_M14_A2_B04_MF	
35	15762	GM_M14_A2_B04		GM_M14_A2_B04_MR
	15763	GM_M14_A2_B05	GM_M14_A2_B05_MF	
	15764	GM_M14_A2_B05		GM_M14_A2_B05_MR
	15765	GM_M14_A2_B06	GM_M14_A2_B06_MF	
	15766	GM_M14_A2_B06		GM_M14_A2_B06_MR
40	15767	GM_M14_A2_B07	GM_M14_A2_B07_MF	
	15768	GM_M14_A2_B07		GM_M14_A2_B07_MR
	15769	GM_M14_A2_B08	GM_M14_A2_B08_MF	
	15770	GM_M14_A2_B08		GM_M14_A2_B08_MR
	15771	GM_M14_A2_B09	GM_M14_A2_B09_MF	
45	15772	GM_M14_A2_B09		GM_M14_A2_B09_MR
	15773	GM_M14_A2_B10	GM_M14_A2_B10_MF	
	15774	GM_M14_A2_B10		GM_M14_A2_B10_MR
	15775	GM_M14_A2_B11		GM_M14_A2_B11_MR
	15776	GM_M14_A2_B12	GM_M14_A2_B12_MF	
50	15777	GM_M14_A2_B12		GM_M14_A2_B12_MR
	15778	GM_M14_A2_C01	GM_M14_A2_C01_MF	
	15779	GM_M14_A2_C01		GM_M14_A2_C01_MR
	15780	GM_M14_A2_C02	GM_M14_A2_C02_MF	
	15781	GM_M14_A2_C02		GM_M14_A2_C02_MR
55	15782	GM_M14_A2_C03	GM_M14_A2_C03_MF	

	15783	GM_M14_A2_C03		GM_M14_A2_C03_MR
	15784	GM_M14_A2_C04	GM_M14_A2_C04_MF	
	15785	GM_M14_A2_C04		GM_M14_A2_C04_MR
	15786	GM_M14_A2_C05	GM_M14_A2_C05_MF	
5	15787	GM_M14_A2_C05		GM_M14_A2_C05_MR
	15788	GM_M14_A2_C06	GM_M14_A2_C06_MF	
	15789	GM_M14_A2_C06		GM_M14_A2_C06_MR
	15790	GM_M14_A2_C07	GM_M14_A2_C07_MF	
	15791	GM_M14_A2_C07		GM_M14_A2_C07_MR
10	15792	GM_M14_A2_C08	GM_M14_A2_C08_MF	
	15793	GM_M14_A2_C08		GM_M14_A2_C08_MR
	15794	GM_M14_A2_C09	GM_M14_A2_C09_MF	
	15795	GM_M14_A2_C09		GM_M14_A2_C09_MR
	15796	GM_M14_A2_C10	GM_M14_A2_C10_MF	
15	15797	GM_M14_A2_C10		GM_M14_A2_C10_MR
	15798	GM_M14_A2_C11	GM_M14_A2_C11_MF	
	15799	GM_M14_A2_C11		GM_M14_A2_C11_MR
	15800	GM_M14_A2_C12	GM_M14_A2_C12_MF	
	15801	GM_M14_A2_C12		GM_M14_A2_C12_MR
20	15802	GM_M14_A2_D01	GM_M14_A2_D01_MF	
	15803	GM_M14_A2_D01		GM_M14_A2_D01_MR
	15804	GM_M14_A2_D02	GM_M14_A2_D02_MF	
	15805	GM_M14_A2_D02		GM_M14_A2_D02_MR
	15806	GM_M14_A2_D03	GM_M14_A2_D03_MF	
25	15807	GM_M14_A2_D03		GM_M14_A2_D03_MR
	15808	GM_M14_A2_D04	GM_M14_A2_D04_MF	
	15809	GM_M14_A2_D04		GM_M14_A2_D04_MR
	15810	GM_M14_A2_D05	GM_M14_A2_D05_MF	
	15811	GM_M14_A2_D05		GM_M14_A2_D05_MR
30	15812	GM_M14_A2_D06	GM_M14_A2_D06_MF	
	15813	GM_M14_A2_D06		GM_M14_A2_D06_MR
	15814	GM_M14_A2_D07	GM_M14_A2_D07_MF	
	15815	GM_M14_A2_D07		GM_M14_A2_D07_MR
	15816	GM_M14_A2_D08	GM_M14_A2_D08_MF	
35	15817	GM_M14_A2_D08		GM_M14_A2_D08_MR
	15818	GM_M14_A2_D09	GM_M14_A2_D09_MF	
	15819	GM_M14_A2_D09		GM_M14_A2_D09_MR
	15820	GM_M14_A2_D10	GM_M14_A2_D10_MF	
	15821	GM_M14_A2_D10		GM_M14_A2_D10_MR
40	15822	GM_M14_A2_D11	GM_M14_A2_D11_MF	
	15823	GM_M14_A2_D11		GM_M14_A2_D11_MR
	15824	GM_M14_A2_D12	GM_M14_A2_D12_MF	
	15825	GM_M14_A2_D12		GM_M14_A2_D12_MR
	15826	GM_M14_A2_E01	GM_M14_A2_E01_MF	
45	15827	GM_M14_A2_E01		GM_M14_A2_E01_MR
	15828	GM_M14_A2_E02	GM_M14_A2_E02_MF	
	15829	GM_M14_A2_E02		GM_M14_A2_E02_MR
	15830	GM_M14_A2_E03	GM_M14_A2_E03_MF	
	15831	GM_M14_A2_E03		GM_M14_A2_E03_MR
50	15832	GM_M14_A2_E04	GM_M14_A2_E04_MF	
	15833	GM_M14_A2_E04		GM_M14_A2_E04_MR
	15834	GM_M14_A2_E05	GM_M14_A2_E05_MF	
	15835	GM_M14_A2_E05		GM_M14_A2_E05_MR
	15836	GM_M14_A2_E06	GM_M14_A2_E06_MF	
55	15837	GM_M14_A2_E07	GM_M14_A2_E07_MF	

	15838	GM_M14_A2_E07		GM_M14_A2_E07_MR
	15839	GM_M14_A2_E08	GM_M14_A2_E08_MF	
	15840	GM_M14_A2_E08		GM_M14_A2_E08_MR
	15841	GM_M14_A2_E09	GM_M14_A2_E09_MF	
5	15842	GM_M14_A2_E09		GM_M14_A2_E09_MR
	15843	GM_M14_A2_E10	GM_M14_A2_E10_MF	
	15844	GM_M14_A2_E10		GM_M14_A2_E10_MR
	15845	GM_M14_A2_E11	GM_M14_A2_E11_MF	
	15846	GM_M14_A2_E11		GM_M14_A2_E11_MR
10	15847	GM_M14_A2_E12	GM_M14_A2_E12_MF	
	15848	GM_M14_A2_E12		GM_M14_A2_E12_MR
	15849	GM_M14_A2_F01	GM_M14_A2_F01_MF	
	15850	GM_M14_A2_F01		GM_M14_A2_F01_MR
	15851	GM_M14_A2_F02	GM_M14_A2_F02_MF	
15	15852	GM_M14_A2_F02		GM_M14_A2_F02_MR
	15853	GM_M14_A2_F03	GM_M14_A2_F03_MF	
	15854	GM_M14_A2_F03		GM_M14_A2_F03_MR
	15855	GM_M14_A2_F04	GM_M14_A2_F04_MF	
	15856	GM_M14_A2_F04		GM_M14_A2_F04_MR
20	15857	GM_M14_A2_F05	GM_M14_A2_F05_MF	
	15858	GM_M14_A2_F05		GM_M14_A2_F05_MR
	15859	GM_M14_A2_F06	GM_M14_A2_F06_MF	
	15860	GM_M14_A2_F06		GM_M14_A2_F06_MR
	15861	GM_M14_A2_F07	GM_M14_A2_F07_MF	
25	15862	GM_M14_A2_F07		GM_M14_A2_F07_MR
	15863	GM_M14_A2_F08	GM_M14_A2_F08_MF	
	15864	GM_M14_A2_F08		GM_M14_A2_F08_MR
	15865	GM_M14_A2_F09	GM_M14_A2_F09_MF	
	15866	GM_M14_A2_F09		GM_M14_A2_F09_MR
30	15867	GM_M14_A2_F10	GM_M14_A2_F10_MF	
	15868	GM_M14_A2_F10		GM_M14_A2_F10_MR
	15869	GM_M14_A2_F11	GM_M14_A2_F11_MF	
	15870	GM_M14_A2_F11		GM_M14_A2_F11_MR
	15871	GM_M14_A2_F12	GM_M14_A2_F12_MF	
35	15872	GM_M14_A2_F12		GM_M14_A2_F12_MR
	15873	GM_M14_A2_G01	GM_M14_A2_G01_MF	
	15874	GM_M14_A2_G01		GM_M14_A2_G01_MR
	15875	GM_M14_A2_G02	GM_M14_A2_G02_MF	
	15876	GM_M14_A2_G02		GM_M14_A2_G02_MR
40	15877	GM_M14_A2_G03	GM_M14_A2_G03_MF	
	15878	GM_M14_A2_G03		GM_M14_A2_G03_MR
	15879	GM_M14_A2_G04	GM_M14_A2_G04_MF	
	15880	GM_M14_A2_G04		GM_M14_A2_G04_MR
	15881	GM_M14_A2_G05	GM_M14_A2_G05_MF	
45	15882	GM_M14_A2_G05		GM_M14_A2_G05_MR
	15883	GM_M14_A2_G06	GM_M14_A2_G06_MF	
	15884	GM_M14_A2_G06		GM_M14_A2_G06_MR
	15885	GM_M14_A2_G07	GM_M14_A2_G07_MF	
	15886	GM_M14_A2_G07		GM_M14_A2_G07_MR
50	15887	GM_M14_A2_G08	GM_M14_A2_G08_MF	
	15888	GM_M14_A2_G08		GM_M14_A2_G08_MR
	15889	GM_M14_A2_G09	GM_M14_A2_G09_MF	
	15890	GM_M14_A2_G09		GM_M14_A2_G09_MR
	15891	GM_M14_A2_G10	GM_M14_A2_G10_MF	
55	15892	GM_M14_A2_G10		GM_M14_A2_G10_MR

	15893	GM_M14_A2_G11	GM_M14_A2_G11_MF	
	15894	GM_M14_A2_G11		GM_M14_A2_G11_MR
	15895	GM_M14_A2_G12	GM_M14_A2_G12_MF	
	15896	GM_M14_A2_G12		GM_M14_A2_G12_MR
5	15897	GM_M14_A2_H01	GM_M14_A2_H01_MF	
	15898	GM_M14_A2_H01		GM_M14_A2_H01_MR
	15899	GM_M14_A2_H02	GM_M14_A2_H02_MF	
	15900	GM_M14_A2_H02		GM_M14_A2_H02_MR
	15901	GM_M14_A2_H03	GM_M14_A2_H03_MF	
10	15902	GM_M14_A2_H03		GM_M14_A2_H03_MR
	15903	GM_M14_A2_H04	GM_M14_A2_H04_MF	
	15904	GM_M14_A2_H04		GM_M14_A2_H04_MR
	15905	GM_M14_A2_H05	GM_M14_A2_H05_MF	
	15906	GM_M14_A2_H05		GM_M14_A2_H05_MR
15	15907	GM_M14_A2_H06	GM_M14_A2_H06_MF	
	15908	GM_M14_A2_H06		GM_M14_A2_H06_MR
	15909	GM_M14_A2_H07	GM_M14_A2_H07_MF	
	15910	GM_M14_A2_H07		GM_M14_A2_H07_MR
	15911	GM_M14_A2_H08	GM_M14_A2_H08_MF	
20	15912	GM_M14_A2_H08		GM_M14_A2_H08_MR
	15913	GM_M14_A2_H09	GM_M14_A2_H09_MF	
	15914	GM_M14_A2_H09		GM_M14_A2_H09_MR
	15915	GM_M14_A2_H10	GM_M14_A2_H10_MF	
	15916	GM_M14_A2_H10		GM_M14_A2_H10_MR
25	15917	GM_M14_A2_H11	GM_M14_A2_H11_MF	
	15918	GM_M14_A2_H11		GM_M14_A2_H11_MR
	15919	GM_M14_A2_H12	GM_M14_A2_H12_MF	
	15920	GM_M14_A2_H12		GM_M14_A2_H12_MR
	15921	GM_M14_B2_A01	GM_M14_B2_A01_MF	
30	15922	GM_M14_B2_A01		GM_M14_B2_A01_MR
	15923	GM_M14_B2_A02	GM_M14_B2_A02_MF	
	15924	GM_M14_B2_A02		GM_M14_B2_A02_MR
	15925	GM_M14_B2_A03	GM_M14_B2_A03_MF	
	15926	GM_M14_B2_A03		GM_M14_B2_A03_MR
35	15927	GM_M14_B2_A04	GM_M14_B2_A04_MF	
	15928	GM_M14_B2_A04		GM_M14_B2_A04_MR
	15929	GM_M14_B2_A05	GM_M14_B2_A05_MF	
	15930	GM_M14_B2_A05		GM_M14_B2_A05_MR
	15931	GM_M14_B2_A06	GM_M14_B2_A06_MF	
40	15932	GM_M14_B2_A06		GM_M14_B2_A06_MR
	15933	GM_M14_B2_A07	GM_M14_B2_A07_MF	
	15934	GM_M14_B2_A07		GM_M14_B2_A07_MR
	15935	GM_M14_B2_A08	GM_M14_B2_A08_MF	
	15936	GM_M14_B2_A08		GM_M14_B2_A08_MR
45	15937	GM_M14_B2_A09	GM_M14_B2_A09_MF	
	15938	GM_M14_B2_A09		GM_M14_B2_A09_MR
	15939	GM_M14_B2_A10	GM_M14_B2_A10_MF	
	15940	GM_M14_B2_A10		GM_M14_B2_A10_MR
	15941	GM_M14_B2_A11	GM_M14_B2_A11_MF	
50	15942	GM_M14_B2_A11		GM_M14_B2_A11_MR
	15943	GM_M14_B2_A12	GM_M14_B2_A12_MF	
	15944	GM_M14_B2_A12		GM_M14_B2_A12_MR
	15945	GM_M14_B2_B01	GM_M14_B2_B01_MF	
	15946	GM_M14_B2_B01		GM_M14_B2_B01_MR
55	15947	GM_M14_B2_B02	GM_M14_B2_B02_MF	

	15948	GM_M14_B2_B02		GM_M14_B2_B02_MR
	15949	GM_M14_B2_B03	GM_M14_B2_B03_MF	
	15950	GM_M14_B2_B03		GM_M14_B2_B03_MR
	15951	GM_M14_B2_B05	GM_M14_B2_B05_MF	
5	15952	GM_M14_B2_B05		GM_M14_B2_B05_MR
	15953	GM_M14_B2_B06	GM_M14_B2_B06_MF	
	15954	GM_M14_B2_B06		GM_M14_B2_B06_MR
	15955	GM_M14_B2_B07	GM_M14_B2_B07_MF	
	15956	GM_M14_B2_B07		GM_M14_B2_B07_MR
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	15958	GM_M14_B2_B08		GM_M14_B2_B08_MR
	15959	GM_M14_B2_B09	GM_M14_B2_B09_MF	
	15960	GM_M14_B2_B09		GM_M14_B2_B09_MR
	15961	GM_M14_B2_B10	GM_M14_B2_B10_MF	
15	15962	GM_M14_B2_B10		GM_M14_B2_B10_MR
	15963	GM_M14_B2_B11	GM_M14_B2_B11_MF	
	15964	GM_M14_B2_B11		GM_M14_B2_B11_MR
	15965	GM_M14_B2_B12	GM_M14_B2_B12_MF	
	15966	GM_M14_B2_B12		GM_M14_B2_B12_MR
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	15968	GM_M14_B2_C01		GM_M14_B2_C01_MR
	15969	GM_M14_B2_C02	GM_M14_B2_C02_MF	
	15970	GM_M14_B2_C02		GM_M14_B2_C02_MR
	15971	GM_M14_B2_C03	GM_M14_B2_C03_MF	
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	15973	GM_M14_B2_C04	GM_M14_B2_C04_MF	
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	15975	GM_M14_B2_C05	GM_M14_B2_C05_MF	
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	15979	GM_M14_B2_C07	GM_M14_B2_C07_MF	
	15980	GM_M14_B2_C07		GM_M14_B2_C07_MR
	15981	GM_M14_B2_C08	GM_M14_B2_C08_MF	
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	15983	GM_M14_B2_C09	GM_M14_B2_C09_MF	
	15984	GM_M14_B2_C09		GM_M14_B2_C09_MR
	15985	GM_M14_B2_C11	GM_M14_B2_C11_MF	
	15986	GM_M14_B2_C11		GM_M14_B2_C11_MR
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	15988	GM_M14_B2_C12		GM_M14_B2_C12_MR
	15989	GM_M14_B2_D01	GM_M14_B2_D01_MF	
	15990	GM_M14_B2_D01		GM_M14_B2_D01_MR
	15991	GM_M14_B2_D02	GM_M14_B2_D02_MF	
45	15992	GM_M14_B2_D02		GM_M14_B2_D02_MR
	15993	GM_M14_B2_D03	GM_M14_B2_D03_MF	
	15994	GM_M14_B2_D03		GM_M14_B2_D03_MR
	15995	GM_M14_B2_D04	GM_M14_B2_D04_MF	
	15996	GM_M14_B2_D04		GM_M14_B2_D04_MR
50	15997	GM_M14_B2_D05	GM_M14_B2_D05_MF	
	15998	GM_M14_B2_D05		GM_M14_B2_D05_MR
	15999	GM_M14_B2_D06	GM_M14_B2_D06_MF	
	16000	GM_M14_B2_D06		GM_M14_B2_D06_MR
	16001	GM_M14_B2_D07	GM_M14_B2_D07_MF	
55	16002	GM_M14_B2_D07		GM_M14_B2_D07_MR

	16003	GM_M14_B2_D08	GM_M14_B2_D08_MF	
	16004	GM_M14_B2_D08		GM_M14_B2_D08_MR
	16005	GM_M14_B2_D09	GM_M14_B2_D09_MF	
	16006	GM_M14_B2_D09		GM_M14_B2_D09_MR
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	16008	GM_M14_B2_D10		GM_M14_B2_D10_MR
	16009	GM_M14_B2_D11	GM_M14_B2_D11_MF	
	16010	GM_M14_B2_D11		GM_M14_B2_D11_MR
	16011	GM_M14_B2_D12	GM_M14_B2_D12_MF	
10	16012	GM_M14_B2_D12		GM_M14_B2_D12_MR
	16013	GM_M14_B2_E01	GM_M14_B2_E01_MF	
	16014	GM_M14_B2_E01		GM_M14_B2_E01_MR
	16015	GM_M14_B2_E02	GM_M14_B2_E02_MF	
	16016	GM_M14_B2_E02		GM_M14_B2_E02_MR
15	16017	GM_M14_B2_E03	GM_M14_B2_E03_MF	
	16018	GM_M14_B2_E03		GM_M14_B2_E03_MR
	16019	GM_M14_B2_E04	GM_M14_B2_E04_MF	
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	16021	GM_M14_B2_E05	GM_M14_B2_E05_MF	
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	16023	GM_M14_B2_E06	GM_M14_B2_E06_MF	
	16024	GM_M14_B2_E06		GM_M14_B2_E06_MR
	16025	GM_M14_B2_E07	GM_M14_B2_E07_MF	
	16026	GM_M14_B2_E07		GM_M14_B2_E07_MR
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	16028	GM_M14_B2_E08		GM_M14_B2_E08_MR
	16029	GM_M14_B2_E09	GM_M14_B2_E09_MF	
	16030	GM_M14_B2_E09		GM_M14_B2_E09_MR
	16031	GM_M14_B2_E10	GM_M14_B2_E10_MF	
30	16032	GM_M14_B2_E10		GM_M14_B2_E10_MR
	16033	GM_M14_B2_E11	GM_M14_B2_E11_MF	
	16034	GM_M14_B2_E11		GM_M14_B2_E11_MR
	16035	GM_M14_B2_E12	GM_M14_B2_E12_MF	
	16036	GM_M14_B2_E12		GM_M14_B2_E12_MR
35	16037	GM_M14_B2_F02	GM_M14_B2_F02_MF	
	16038	GM_M14_B2_F02		GM_M14_B2_F02_MR
	16039	GM_M14_B2_F03	GM_M14_B2_F03_MF	
	16040	GM_M14_B2_F03		GM_M14_B2_F03_MR
	16041	GM_M14_B2_F04	GM_M14_B2_F04_MF	
40	16042	GM_M14_B2_F04		GM_M14_B2_F04_MR
	16043	GM_M14_B2_F05	GM_M14_B2_F05_MF	
	16044	GM_M14_B2_F05		GM_M14_B2_F05_MR
	16045	GM_M14_B2_F06	GM_M14_B2_F06_MF	
	16046	GM_M14_B2_F06		GM_M14_B2_F06_MR
45	16047	GM_M14_B2_F07	GM_M14_B2_F07_MF	
	16048	GM_M14_B2_F07		GM_M14_B2_F07_MR
	16049	GM_M14_B2_F08	GM_M14_B2_F08_MF	
	16050	GM_M14_B2_F08		GM_M14_B2_F08_MR
	16051	GM_M14_B2_F09	GM_M14_B2_F09_MF	
50	16052	GM_M14_B2_F09		GM_M14_B2_F09_MR
	16053	GM_M14_B2_F10	GM_M14_B2_F10_MF	
	16054	GM_M14_B2_F10		GM_M14_B2_F10_MR
	16055	GM_M14_B2_F11	GM_M14_B2_F11_MF	
	16056	GM_M14_B2_F11		GM_M14_B2_F11_MR
55	16057	GM_M14_B2_F12	GM_M14_B2_F12_MF	

	16058	GM_M14_B2_F12		GM_M14_B2_F12_MR
	16059	GM_M14_B2_G01	GM_M14_B2_G01_MF	
	16060	GM_M14_B2_G01		GM_M14_B2_G01_MR
	16061	GM_M14_B2_G02	GM_M14_B2_G02_MF	
5	16062	GM_M14_B2_G02		GM_M14_B2_G02_MR
	16063	GM_M14_B2_G03	GM_M14_B2_G03_MF	
	16064	GM_M14_B2_G03		GM_M14_B2_G03_MR
	16065	GM_M14_B2_G04	GM_M14_B2_G04_MF	
	16066	GM_M14_B2_G04		GM_M14_B2_G04_MR
10	16067	GM_M14_B2_G05	GM_M14_B2_G05_MF	
	16068	GM_M14_B2_G05		GM_M14_B2_G05_MR
	16069	GM_M14_B2_G06	GM_M14_B2_G06_MF	
	16070	GM_M14_B2_G06		GM_M14_B2_G06_MR
	16071	GM_M14_B2_G07	GM_M14_B2_G07_MF	
15	16072	GM_M14_B2_G07		GM_M14_B2_G07_MR
	16073	GM_M14_B2_G08	GM_M14_B2_G08_MF	
	16074	GM_M14_B2_G08		GM_M14_B2_G08_MR
	16075	GM_M14_B2_G09	GM_M14_B2_G09_MF	
	16076	GM_M14_B2_G09		GM_M14_B2_G09_MR
20	16077	GM_M14_B2_G10	GM_M14_B2_G10_MF	
	16078	GM_M14_B2_G10		GM_M14_B2_G10_MR
	16079	GM_M14_B2_G11	GM_M14_B2_G11_MF	
	16080	GM_M14_B2_G11		GM_M14_B2_G11_MR
	16081	GM_M14_B2_G12	GM_M14_B2_G12_MF	
25	16082	GM_M14_B2_G12		GM_M14_B2_G12_MR
	16083	GM_M14_B2_H01	GM_M14_B2_H01_MF	
	16084	GM_M14_B2_H01		GM_M14_B2_H01_MR
	16085	GM_M14_B2_H02	GM_M14_B2_H02_MF	
	16086	GM_M14_B2_H02		GM_M14_B2_H02_MR
30	16087	GM_M14_B2_H03	GM_M14_B2_H03_MF	
	16088	GM_M14_B2_H03		GM_M14_B2_H03_MR
	16089	GM_M14_B2_H04	GM_M14_B2_H04_MF	
	16090	GM_M14_B2_H04		GM_M14_B2_H04_MR
	16091	GM_M14_B2_H05	GM_M14_B2_H05_MF	
35	16092	GM_M14_B2_H05		GM_M14_B2_H05_MR
	16093	GM_M14_B2_H06	GM_M14_B2_H06_MF	
	16094	GM_M14_B2_H06		GM_M14_B2_H06_MR
	16095	GM_M14_B2_H07	GM_M14_B2_H07_MF	
	16096	GM_M14_B2_H07		GM_M14_B2_H07_MR
40	16097	GM_M14_B2_H08	GM_M14_B2_H08_MF	
	16098	GM_M14_B2_H08		GM_M14_B2_H08_MR
	16099	GM_M14_B2_H09	GM_M14_B2_H09_MF	
	16100	GM_M14_B2_H09		GM_M14_B2_H09_MR
	16101	GM_M14_B2_H10	GM_M14_B2_H10_MF	
45	16102	GM_M14_B2_H10		GM_M14_B2_H10_MR
	16103	GM_M14_B2_H11	GM_M14_B2_H11_MF	
	16104	GM_M14_B2_H11		GM_M14_B2_H11_MR
	16105	GM_M14_B2_H12	GM_M14_B2_H12_MF	
	16106	GM_M14_B2_H12		GM_M14_B2_H12_MR
50	16107	GM_M15_A1_A01	GM_M15_A1_A01_MF	
	16108	GM_M15_A1_A01		GM_M15_A1_A01_MR
	16109	GM_M15_A1_A02	GM_M15_A1_A02_MF	
	16110	GM_M15_A1_A02		GM_M15_A1_A02_MR
	16111	GM_M15_A1_A03	GM_M15_A1_A03_MF	
55	16112	GM_M15_A1_A03		GM_M15_A1_A03_MR

	16113	GM_M15_A1_A04	GM_M15_A1_A04_MF	
	16114	GM_M15_A1_A05	GM_M15_A1_A05_MF	
	16115	GM_M15_A1_A05		GM_M15_A1_A05_MR
	16116	GM_M15_A1_A06	GM_M15_A1_A06_MF	
5	16117	GM_M15_A1_A06		GM_M15_A1_A06_MR
	16118	GM_M15_A1_A07	GM_M15_A1_A07_MF	
	16119	GM_M15_A1_A07		GM_M15_A1_A07_MR
	16120	GM_M15_A1_A08	GM_M15_A1_A08_MF	
	16121	GM_M15_A1_A08		GM_M15_A1_A08_MR
10	16122	GM_M15_A1_A09	GM_M15_A1_A09_MF	
	16123	GM_M15_A1_A09		GM_M15_A1_A09_MR
	16124	GM_M15_A1_A10	GM_M15_A1_A10_MF	
	16125	GM_M15_A1_A10		GM_M15_A1_A10_MR
	16126	GM_M15_A1_A12	GM_M15_A1_A12_MF	
15	16127	GM_M15_A1_A12		GM_M15_A1_A12_MR
	16128	GM_M15_A1_B01	GM_M15_A1_B01_MF	
	16129	GM_M15_A1_B01		GM_M15_A1_B01_MR
	16130	GM_M15_A1_B02	GM_M15_A1_B02_MF	
	16131	GM_M15_A1_B02		GM_M15_A1_B02_MR
20	16132	GM_M15_A1_B03	GM_M15_A1_B03_MF	
	16133	GM_M15_A1_B03		GM_M15_A1_B03_MR
	16134	GM_M15_A1_B04	GM_M15_A1_B04_MF	
	16135	GM_M15_A1_B04		GM_M15_A1_B04_MR
	16136	GM_M15_A1_B05	GM_M15_A1_B05_MF	
25	16137	GM_M15_A1_B05		GM_M15_A1_B05_MR
	16138	GM_M15_A1_B06	GM_M15_A1_B06_MF	
	16139	GM_M15_A1_B06		GM_M15_A1_B06_MR
	16140	GM_M15_A1_B07	GM_M15_A1_B07_MF	
	16141	GM_M15_A1_B07		GM_M15_A1_B07_MR
30	16142	GM_M15_A1_B08	GM_M15_A1_B08_MF	
	16143	GM_M15_A1_B08		GM_M15_A1_B08_MR
	16144	GM_M15_A1_B09	GM_M15_A1_B09_MF	
	16145	GM_M15_A1_B09		GM_M15_A1_B09_MR
	16146	GM_M15_A1_B10	GM_M15_A1_B10_MF	
35	16147	GM_M15_A1_B10		GM_M15_A1_B10_MR
	16148	GM_M15_A1_B11	GM_M15_A1_B11_MF	
	16149	GM_M15_A1_B11		GM_M15_A1_B11_MR
	16150	GM_M15_A1_B12	GM_M15_A1_B12_MF	
	16151	GM_M15_A1_B12		GM_M15_A1_B12_MR
40	16152	GM_M15_A1_C01	GM_M15_A1_C01_MF	
	16153	GM_M15_A1_C01		GM_M15_A1_C01_MR
	16154	GM_M15_A1_C02	GM_M15_A1_C02_MF	
	16155	GM_M15_A1_C02		GM_M15_A1_C02_MR
	16156	GM_M15_A1_C03	GM_M15_A1_C03_MF	
45	16157	GM_M15_A1_C03		GM_M15_A1_C03_MR
	16158	GM_M15_A1_C04	GM_M15_A1_C04_MF	
	16159	GM_M15_A1_C04		GM_M15_A1_C04_MR
	16160	GM_M15_A1_C05	GM_M15_A1_C05_MF	
	16161	GM_M15_A1_C05		GM_M15_A1_C05_MR
50	16162	GM_M15_A1_C06	GM_M15_A1_C06_MF	
	16163	GM_M15_A1_C06		GM_M15_A1_C06_MR
	16164	GM_M15_A1_C07	GM_M15_A1_C07_MF	
	16165	GM_M15_A1_C07		GM_M15_A1_C07_MR
	16166	GM_M15_A1_C08	GM_M15_A1_C08_MF	
55	16167	GM_M15_A1_C08		GM_M15_A1_C08_MR

	16168	GM_M15_A1_C09	GM_M15_A1_C09_MF	
	16169	GM_M15_A1_C09		GM_M15_A1_C09_MR
	16170	GM_M15_A1_C10	GM_M15_A1_C10_MF	
	16171	GM_M15_A1_C10		GM_M15_A1_C10_MR
5	16172	GM_M15_A1_C11	GM_M15_A1_C11_MF	
	16173	GM_M15_A1_C11		GM_M15_A1_C11_MR
	16174	GM_M15_A1_C12	GM_M15_A1_C12_MF	
	16175	GM_M15_A1_C12		GM_M15_A1_C12_MR
	16176	GM_M15_A1_D01	GM_M15_A1_D01_MF	
10	16177	GM_M15_A1_D02	GM_M15_A1_D02_MF	
	16178	GM_M15_A1_D02		GM_M15_A1_D02_MR
	16179	GM_M15_A1_D03	GM_M15_A1_D03_MF	
	16180	GM_M15_A1_D03		GM_M15_A1_D03_MR
	16181	GM_M15_A1_D04	GM_M15_A1_D04_MF	
15	16182	GM_M15_A1_D04		GM_M15_A1_D04_MR
	16183	GM_M15_A1_D05	GM_M15_A1_D05_MF	
	16184	GM_M15_A1_D05		GM_M15_A1_D05_MR
	16185	GM_M15_A1_D06	GM_M15_A1_D06_MF	
	16186	GM_M15_A1_D06		GM_M15_A1_D06_MR
20	16187	GM_M15_A1_D07	GM_M15_A1_D07_MF	
	16188	GM_M15_A1_D07		GM_M15_A1_D07_MR
	16189	GM_M15_A1_D08	GM_M15_A1_D08_MF	
	16190	GM_M15_A1_D08		GM_M15_A1_D08_MR
	16191	GM_M15_A1_D09	GM_M15_A1_D09_MF	
25	16192	GM_M15_A1_D09		GM_M15_A1_D09_MR
	16193	GM_M15_A1_D10	GM_M15_A1_D10_MF	
	16194	GM_M15_A1_D10		GM_M15_A1_D10_MR
	16195	GM_M15_A1_D11	GM_M15_A1_D11_MF	
	16196	GM_M15_A1_D11		GM_M15_A1_D11_MR
30	16197	GM_M15_A1_D12	GM_M15_A1_D12_MF	
	16198	GM_M15_A1_D12		GM_M15_A1_D12_MR
	16199	GM_M15_A1_E01	GM_M15_A1_E01_MF	
	16200	GM_M15_A1_E01		GM_M15_A1_E01_MR
	16201	GM_M15_A1_E02	GM_M15_A1_E02_MF	
35	16202	GM_M15_A1_E03	GM_M15_A1_E03_MF	
	16203	GM_M15_A1_E03		GM_M15_A1_E03_MR
	16204	GM_M15_A1_E04	GM_M15_A1_E04_MF	
	16205	GM_M15_A1_E04		GM_M15_A1_E04_MR
	16206	GM_M15_A1_E05	GM_M15_A1_E05_MF	
40	16207	GM_M15_A1_E05		GM_M15_A1_E05_MR
	16208	GM_M15_A1_E06	GM_M15_A1_E06_MF	
	16209	GM_M15_A1_E06		GM_M15_A1_E06_MR
	16210	GM_M15_A1_E07	GM_M15_A1_E07_MF	
	16211	GM_M15_A1_E07		GM_M15_A1_E07_MR
45	16212	GM_M15_A1_E08	GM_M15_A1_E08_MF	
	16213	GM_M15_A1_E08		GM_M15_A1_E08_MR
	16214	GM_M15_A1_E09	GM_M15_A1_E09_MF	
	16215	GM_M15_A1_E09		GM_M15_A1_E09_MR
	16216	GM_M15_A1_E10	GM_M15_A1_E10_MF	
50	16217	GM_M15_A1_E10		GM_M15_A1_E10_MR
	16218	GM_M15_A1_E11	GM_M15_A1_E11_MF	
	16219	GM_M15_A1_E11		GM_M15_A1_E11_MR
	16220	GM_M15_A1_E12	GM_M15_A1_E12_MF	
	16221	GM_M15_A1_E12		GM_M15_A1_E12_MR
55	16222	GM_M15_A1_F01		GM_M15_A1_F01_MR

	16223	GM_M15_A1_F02	GM_M15_A1_F02_MF	
	16224	GM_M15_A1_F02		GM_M15_A1_F02_MR
	16225	GM_M15_A1_F03	GM_M15_A1_F03_MF	
	16226	GM_M15_A1_F03		GM_M15_A1_F03_MR
5	16227	GM_M15_A1_F04	GM_M15_A1_F04_MF	
	16228	GM_M15_A1_F04		GM_M15_A1_F04_MR
	16229	GM_M15_A1_F05	GM_M15_A1_F05_MF	
	16230	GM_M15_A1_F05		GM_M15_A1_F05_MR
	16231	GM_M15_A1_F06	GM_M15_A1_F06_MF	
10	16232	GM_M15_A1_F06		GM_M15_A1_F06_MR
	16233	GM_M15_A1_F07	GM_M15_A1_F07_MF	
	16234	GM_M15_A1_F07		GM_M15_A1_F07_MR
	16235	GM_M15_A1_F08	GM_M15_A1_F08_MF	
	16236	GM_M15_A1_F08		GM_M15_A1_F08_MR
15	16237	GM_M15_A1_F09	GM_M15_A1_F09_MF	
	16238	GM_M15_A1_F09		GM_M15_A1_F09_MR
	16239	GM_M15_A1_F10	GM_M15_A1_F10_MF	
	16240	GM_M15_A1_F10		GM_M15_A1_F10_MR
	16241	GM_M15_A1_F11	GM_M15_A1_F11_MF	
20	16242	GM_M15_A1_F11		GM_M15_A1_F11_MR
	16243	GM_M15_A1_F12	GM_M15_A1_F12_MF	
	16244	GM_M15_A1_F12		GM_M15_A1_F12_MR
	16245	GM_M15_A1_G01	GM_M15_A1_G01_MF	
	16246	GM_M15_A1_G01		GM_M15_A1_G01_MR
25	16247	GM_M15_A1_G02	GM_M15_A1_G02_MF	
	16248	GM_M15_A1_G03	GM_M15_A1_G03_MF	
	16249	GM_M15_A1_G04	GM_M15_A1_G04_MF	
	16250	GM_M15_A1_G04		GM_M15_A1_G04_MR
	16251	GM_M15_A1_G05	GM_M15_A1_G05_MF	
30	16252	GM_M15_A1_G05		GM_M15_A1_G05_MR
	16253	GM_M15_A1_G06	GM_M15_A1_G06_MF	
	16254	GM_M15_A1_G06		GM_M15_A1_G06_MR
	16255	GM_M15_A1_G07	GM_M15_A1_G07_MF	
	16256	GM_M15_A1_G07		GM_M15_A1_G07_MR
35	16257	GM_M15_A1_G08	GM_M15_A1_G08_MF	
	16258	GM_M15_A1_G08		GM_M15_A1_G08_MR
	16259	GM_M15_A1_G09	GM_M15_A1_G09_MF	
	16260	GM_M15_A1_G09		GM_M15_A1_G09_MR
	16261	GM_M15_A1_G10	GM_M15_A1_G10_MF	
40	16262	GM_M15_A1_G10		GM_M15_A1_G10_MR
	16263	GM_M15_A1_G11	GM_M15_A1_G11_MF	
	16264	GM_M15_A1_G11		GM_M15_A1_G11_MR
	16265	GM_M15_A1_G12	GM_M15_A1_G12_MF	
	16266	GM_M15_A1_G12		GM_M15_A1_G12_MR
45	16267	GM_M15_A1_H01	GM_M15_A1_H01_MF	
	16268	GM_M15_A1_H01		GM_M15_A1_H01_MR
	16269	GM_M15_A1_H02	GM_M15_A1_H02_MF	
	16270	GM_M15_A1_H02		GM_M15_A1_H02_MR
	16271	GM_M15_A1_H03	GM_M15_A1_H03_MF	
50	16272	GM_M15_A1_H03		GM_M15_A1_H03_MR
	16273	GM_M15_A1_H04	GM_M15_A1_H04_MF	
	16274	GM_M15_A1_H04		GM_M15_A1_H04_MR
	16275	GM_M15_A1_H05	GM_M15_A1_H05_MF	
	16276	GM_M15_A1_H05		GM_M15_A1_H05_MR
55	16277	GM_M15_A1_H06	GM_M15_A1_H06_MF	

	16278	GM_M15_A1_H06		GM_M15_A1_H06_MR
	16279	GM_M15_A1_H07	GM_M15_A1_H07_MF	
	16280	GM_M15_A1_H07		GM_M15_A1_H07_MR
	16281	GM_M15_A1_H08	GM_M15_A1_H08_MF	
5	16282	GM_M15_A1_H08		GM_M15_A1_H08_MR
	16283	GM_M15_A1_H09	GM_M15_A1_H09_MF	
	16284	GM_M15_A1_H09		GM_M15_A1_H09_MR
	16285	GM_M15_A1_H10	GM_M15_A1_H10_MF	
	16286	GM_M15_A1_H10		GM_M15_A1_H10_MR
10	16287	GM_M15_A1_H11	GM_M15_A1_H11_MF	
	16288	GM_M15_A1_H11		GM_M15_A1_H11_MR
	16289	GM_M15_A1_H12	GM_M15_A1_H12_MF	
	16290	GM_M15_A1_H12		GM_M15_A1_H12_MR
	16291	GM_M15_A2_A01	GM_M15_A2_A01_MF	
15	16292	GM_M15_A2_A01		GM_M15_A2_A01_MR
	16293	GM_M15_A2_A02	GM_M15_A2_A02_MF	
	16294	GM_M15_A2_A02		GM_M15_A2_A02_MR
	16295	GM_M15_A2_A03	GM_M15_A2_A03_MF	
	16296	GM_M15_A2_A03		GM_M15_A2_A03_MR
20	16297	GM_M15_A2_A04	GM_M15_A2_A04_MF	
	16298	GM_M15_A2_A04		GM_M15_A2_A04_MR
	16299	GM_M15_A2_A05	GM_M15_A2_A05_MF	
	16300	GM_M15_A2_A05		GM_M15_A2_A05_MR
	16301	GM_M15_A2_A06	GM_M15_A2_A06_MF	
25	16302	GM_M15_A2_A06		GM_M15_A2_A06_MR
	16303	GM_M15_A2_A07	GM_M15_A2_A07_MF	
	16304	GM_M15_A2_A07		GM_M15_A2_A07_MR
	16305	GM_M15_A2_A08	GM_M15_A2_A08_MF	
	16306	GM_M15_A2_A08		GM_M15_A2_A08_MR
30	16307	GM_M15_A2_A09	GM_M15_A2_A09_MF	
	16308	GM_M15_A2_A09		GM_M15_A2_A09_MR
	16309	GM_M15_A2_A10	GM_M15_A2_A10_MF	
	16310	GM_M15_A2_A10		GM_M15_A2_A10_MR
	16311	GM_M15_A2_A11	GM_M15_A2_A11_MF	
35	16312	GM_M15_A2_A11		GM_M15_A2_A11_MR
	16313	GM_M15_A2_A12	GM_M15_A2_A12_MF	
	16314	GM_M15_A2_A12		GM_M15_A2_A12_MR
	16315	GM_M15_A2_B01	GM_M15_A2_B01_MF	
	16316	GM_M15_A2_B01		GM_M15_A2_B01_MR
40	16317	GM_M15_A2_B02	GM_M15_A2_B02_MF	
	16318	GM_M15_A2_B02		GM_M15_A2_B02_MR
	16319	GM_M15_A2_B03	GM_M15_A2_B03_MF	
	16320	GM_M15_A2_B03		GM_M15_A2_B03_MR
	16321	GM_M15_A2_B04	GM_M15_A2_B04_MF	
45	16322	GM_M15_A2_B04		GM_M15_A2_B04_MR
	16323	GM_M15_A2_B05	GM_M15_A2_B05_MF	
	16324	GM_M15_A2_B05		GM_M15_A2_B05_MR
	16325	GM_M15_A2_B06	GM_M15_A2_B06_MF	
	16326	GM_M15_A2_B06		GM_M15_A2_B06_MR
50	16327	GM_M15_A2_B07	GM_M15_A2_B07_MF	
	16328	GM_M15_A2_B07		GM_M15_A2_B07_MR
	16329	GM_M15_A2_B08	GM_M15_A2_B08_MF	
	16330	GM_M15_A2_B08		GM_M15_A2_B08_MR
	16331	GM_M15_A2_B09	GM_M15_A2_B09_MF	
55	16332	GM_M15_A2_B09		GM_M15_A2_B09_MR

5	16333	GM_M15_A2_B10	GM_M15_A2_B10_MF	GM_M15_A2_B10_MR
	16334	GM_M15_A2_B10		
	16335	GM_M15_A2_B11	GM_M15_A2_B11_MF	
	16336	GM_M15_A2_B11		
	16337	GM_M15_A2_B12	GM_M15_A2_B12_MF	
10	16338	GM_M15_A2_B12		GM_M15_A2_B12_MR
	16339	GM_M15_A2_C01	GM_M15_A2_C01_MF	
	16340	GM_M15_A2_C01		
	16341	GM_M15_A2_C02	GM_M15_A2_C02_MF	
	16342	GM_M15_A2_C02		
15	16343	GM_M15_A2_C03	GM_M15_A2_C03_MF	GM_M15_A2_C03_MR
	16344	GM_M15_A2_C03		
	16345	GM_M15_A2_C04	GM_M15_A2_C04_MF	
	16346	GM_M15_A2_C04		
	16347	GM_M15_A2_C05	GM_M15_A2_C05_MF	
20	16348	GM_M15_A2_C05		GM_M15_A2_C05_MR
	16349	GM_M15_A2_C06	GM_M15_A2_C06_MF	
	16350	GM_M15_A2_C06		
	16351	GM_M15_A2_C07	GM_M15_A2_C07_MF	
	16352	GM_M15_A2_C07		
25	16353	GM_M15_A2_C08	GM_M15_A2_C08_MF	GM_M15_A2_C08_MR
	16354	GM_M15_A2_C08		
	16355	GM_M15_A2_C09	GM_M15_A2_C09_MF	
	16356	GM_M15_A2_C09		
	16357	GM_M15_A2_C10	GM_M15_A2_C10_MF	
30	16358	GM_M15_A2_C10		GM_M15_A2_C10_MR
	16359	GM_M15_A2_C11	GM_M15_A2_C11_MF	
	16360	GM_M15_A2_C11		
	16361	GM_M15_A2_C12	GM_M15_A2_C12_MF	
	16362	GM_M15_A2_C12		
35	16363	GM_M15_A2_D01	GM_M15_A2_D01_MF	GM_M15_A2_D01_MR
	16364	GM_M15_A2_D01		
	16365	GM_M15_A2_D02	GM_M15_A2_D02_MF	
	16366	GM_M15_A2_D02		
	16367	GM_M15_A2_D03	GM_M15_A2_D03_MF	
40	16368	GM_M15_A2_D03		GM_M15_A2_D03_MR
	16369	GM_M15_A2_D04	GM_M15_A2_D04_MF	
	16370	GM_M15_A2_D04		
	16371	GM_M15_A2_D05	GM_M15_A2_D05_MF	
	16372	GM_M15_A2_D05		
45	16373	GM_M15_A2_D06	GM_M15_A2_D06_MF	GM_M15_A2_D06_MR
	16374	GM_M15_A2_D06		
	16375	GM_M15_A2_D07	GM_M15_A2_D07_MF	
	16376	GM_M15_A2_D07		
	16377	GM_M15_A2_D08	GM_M15_A2_D08_MF	
50	16378	GM_M15_A2_D08		GM_M15_A2_D08_MR
	16379	GM_M15_A2_D09	GM_M15_A2_D09_MF	
	16380	GM_M15_A2_D09		
	16381	GM_M15_A2_D10	GM_M15_A2_D10_MF	
	16382	GM_M15_A2_D10		
55	16383	GM_M15_A2_D11	GM_M15_A2_D11_MF	GM_M15_A2_D11_MR
	16384	GM_M15_A2_D11		
	16385	GM_M15_A2_D12	GM_M15_A2_D12_MF	
	16386	GM_M15_A2_D12		
	16387	GM_M15_A2_E01	GM_M15_A2_E01_MF	

	16388	GM_M15_A2_E01		GM_M15_A2_E01_MR
	16389	GM_M15_A2_E02	GM_M15_A2_E02_MF	
	16390	GM_M15_A2_E02		GM_M15_A2_E02_MR
	16391	GM_M15_A2_E03	GM_M15_A2_E03_MF	
5	16392	GM_M15_A2_E03		GM_M15_A2_E03_MR
	16393	GM_M15_A2_E04	GM_M15_A2_E04_MF	
	16394	GM_M15_A2_E04		GM_M15_A2_E04_MR
	16395	GM_M15_A2_E05	GM_M15_A2_E05_MF	
	16396	GM_M15_A2_E05		GM_M15_A2_E05_MR
10	16397	GM_M15_A2_E06	GM_M15_A2_E06_MF	
	16398	GM_M15_A2_E06		GM_M15_A2_E06_MR
	16399	GM_M15_A2_E07	GM_M15_A2_E07_MF	
	16400	GM_M15_A2_E07		GM_M15_A2_E07_MR
	16401	GM_M15_A2_E08	GM_M15_A2_E08_MF	
15	16402	GM_M15_A2_E08		GM_M15_A2_E08_MR
	16403	GM_M15_A2_E09	GM_M15_A2_E09_MF	
	16404	GM_M15_A2_E09		GM_M15_A2_E09_MR
	16405	GM_M15_A2_E10	GM_M15_A2_E10_MF	
	16406	GM_M15_A2_E10		GM_M15_A2_E10_MR
20	16407	GM_M15_A2_E11	GM_M15_A2_E11_MF	
	16408	GM_M15_A2_E11		GM_M15_A2_E11_MR
	16409	GM_M15_A2_E12	GM_M15_A2_E12_MF	
	16410	GM_M15_A2_E12		GM_M15_A2_E12_MR
	16411	GM_M15_A2_F01	GM_M15_A2_F01_MF	
25	16412	GM_M15_A2_F01		GM_M15_A2_F01_MR
	16413	GM_M15_A2_F02	GM_M15_A2_F02_MF	
	16414	GM_M15_A2_F02		GM_M15_A2_F02_MR
	16415	GM_M15_A2_F03	GM_M15_A2_F03_MF	
	16416	GM_M15_A2_F03		GM_M15_A2_F03_MR
30	16417	GM_M15_A2_F04	GM_M15_A2_F04_MF	
	16418	GM_M15_A2_F04		GM_M15_A2_F04_MR
	16419	GM_M15_A2_F05	GM_M15_A2_F05_MF	
	16420	GM_M15_A2_F05		GM_M15_A2_F05_MR
	16421	GM_M15_A2_F06	GM_M15_A2_F06_MF	
35	16422	GM_M15_A2_F06		GM_M15_A2_F06_MR
	16423	GM_M15_A2_F07	GM_M15_A2_F07_MF	
	16424	GM_M15_A2_F07		GM_M15_A2_F07_MR
	16425	GM_M15_A2_F08	GM_M15_A2_F08_MF	
	16426	GM_M15_A2_F08		GM_M15_A2_F08_MR
40	16427	GM_M15_A2_F09	GM_M15_A2_F09_MF	
	16428	GM_M15_A2_F09		GM_M15_A2_F09_MR
	16429	GM_M15_A2_F10	GM_M15_A2_F10_MF	
	16430	GM_M15_A2_F10		GM_M15_A2_F10_MR
	16431	GM_M15_A2_F11	GM_M15_A2_F11_MF	
45	16432	GM_M15_A2_F11		GM_M15_A2_F11_MR
	16433	GM_M15_A2_F12	GM_M15_A2_F12_MF	
	16434	GM_M15_A2_F12		GM_M15_A2_F12_MR
	16435	GM_M15_A2_G01	GM_M15_A2_G01_MF	
	16436	GM_M15_A2_G01		GM_M15_A2_G01_MR
50	16437	GM_M15_A2_G02	GM_M15_A2_G02_MF	
	16438	GM_M15_A2_G02		GM_M15_A2_G02_MR
	16439	GM_M15_A2_G03	GM_M15_A2_G03_MF	
	16440	GM_M15_A2_G03		GM_M15_A2_G03_MR
	16441	GM_M15_A2_G04	GM_M15_A2_G04_MF	
55	16442	GM_M15_A2_G04		GM_M15_A2_G04_MR

5	16443	GM_M15_A2_G05	GM_M15_A2_G05_MF	GM_M15_A2_G05_MR
	16444	GM_M15_A2_G05		
	16445	GM_M15_A2_G06	GM_M15_A2_G06_MF	GM_M15_A2_G06_MR
	16446	GM_M15_A2_G06		
	16447	GM_M15_A2_G07	GM_M15_A2_G07_MF	GM_M15_A2_G07_MR
10	16448	GM_M15_A2_G07		
	16449	GM_M15_A2_G09	GM_M15_A2_G09_MF	GM_M15_A2_G09_MR
	16450	GM_M15_A2_G09		
	16451	GM_M15_A2_G10	GM_M15_A2_G10_MF	GM_M15_A2_G10_MR
	16452	GM_M15_A2_G10		
15	16453	GM_M15_A2_G11	GM_M15_A2_G11_MF	GM_M15_A2_G11_MR
	16454	GM_M15_A2_G11		
	16455	GM_M15_A2_G12	GM_M15_A2_G12_MF	GM_M15_A2_G12_MR
	16456	GM_M15_A2_G12		
	16457	GM_M15_A2_H01	GM_M15_A2_H01_MF	GM_M15_A2_H01_MR
20	16458	GM_M15_A2_H01		
	16459	GM_M15_A2_H03	GM_M15_A2_H03_MF	GM_M15_A2_H03_MR
	16460	GM_M15_A2_H03		
	16461	GM_M15_A2_H04	GM_M15_A2_H04_MF	GM_M15_A2_H04_MR
	16462	GM_M15_A2_H04		
25	16463	GM_M15_A2_H05	GM_M15_A2_H05_MF	GM_M15_A2_H05_MR
	16464	GM_M15_A2_H05		
	16465	GM_M15_A2_H06	GM_M15_A2_H06_MF	GM_M15_A2_H06_MR
	16466	GM_M15_A2_H06		
	16467	GM_M15_A2_H08	GM_M15_A2_H08_MF	GM_M15_A2_H08_MR
30	16468	GM_M15_A2_H08		
	16469	GM_M15_A2_H10	GM_M15_A2_H10_MF	GM_M15_A2_H10_MR
	16470	GM_M15_A2_H10		
	16471	GM_M15_A2_H11	GM_M15_A2_H11_MF	GM_M15_A2_H11_MR
	16472	GM_M15_A2_H11		
35	16473	GM_M15_A2_H12	GM_M15_A2_H12_MF	GM_M15_A2_H12_MR
	16474	GM_M15_A2_H12		
	16475	GM_M15_B1_A02		GM_M15_B1_A02_MR
	16476	GM_M15_B1_A03		GM_M15_B1_A03_MR
	16477	GM_M15_B1_A04		GM_M15_B1_A04_MR
40	16478	GM_M15_B1_A05		GM_M15_B1_A05_MR
	16479	GM_M15_B1_A06		GM_M15_B1_A06_MR
	16480	GM_M15_B1_A07		GM_M15_B1_A07_MR
	16481	GM_M15_B1_A08		GM_M15_B1_A08_MR
	16482	GM_M15_B1_A09		GM_M15_B1_A09_MR
45	16483	GM_M15_B1_A10		GM_M15_B1_A10_MR
	16484	GM_M15_B1_A11		GM_M15_B1_A11_MR
	16485	GM_M15_B1_A12		GM_M15_B1_A12_MR
	16486	GM_M15_B1_B02		GM_M15_B1_B02_MR
	16487	GM_M15_B1_B03		GM_M15_B1_B03_MR
50	16488	GM_M15_B1_B04		GM_M15_B1_B04_MR
	16489	GM_M15_B1_B05		GM_M15_B1_B05_MR
	16490	GM_M15_B1_B06		GM_M15_B1_B06_MR
	16491	GM_M15_B1_B07		GM_M15_B1_B07_MR
	16492	GM_M15_B1_B09		GM_M15_B1_B09_MR
55	16493	GM_M15_B1_B10		GM_M15_B1_B10_MR
	16494	GM_M15_B1_B11		GM_M15_B1_B11_MR
	16495	GM_M15_B1_B12		GM_M15_B1_B12_MR
	16496	GM_M15_B1_C01		GM_M15_B1_C01_MR
	16497	GM_M15_B1_C02		GM_M15_B1_C02_MR

	16498	GM_M15_B1_C03	GM_M15_B1_C03_MR
	16499	GM_M15_B1_C04	GM_M15_B1_C04_MR
	16500	GM_M15_B1_C05	GM_M15_B1_C05_MR
	16501	GM_M15_B1_C06	GM_M15_B1_C06_MR
5	16502	GM_M15_B1_C07	GM_M15_B1_C07_MR
	16503	GM_M15_B1_C08	GM_M15_B1_C08_MR
	16504	GM_M15_B1_C09	GM_M15_B1_C09_MR
	16505	GM_M15_B1_C10	GM_M15_B1_C10_MR
	16506	GM_M15_B1_C11	GM_M15_B1_C11_MR
10	16507	GM_M15_B1_C12	GM_M15_B1_C12_MR
	16508	GM_M15_B1_D03	GM_M15_B1_D03_MR
	16509	GM_M15_B1_D04	GM_M15_B1_D04_MR
	16510	GM_M15_B1_D05	GM_M15_B1_D05_MR
	16511	GM_M15_B1_D06	GM_M15_B1_D06_MR
15	16512	GM_M15_B1_D07	GM_M15_B1_D07_MR
	16513	GM_M15_B1_D08	GM_M15_B1_D08_MR
	16514	GM_M15_B1_D09	GM_M15_B1_D09_MR
	16515	GM_M15_B1_D10	GM_M15_B1_D10_MR
	16516	GM_M15_B1_D11	GM_M15_B1_D11_MR
20	16517	GM_M15_B1_D12	GM_M15_B1_D12_MR
	16518	GM_M15_B1_E01	GM_M15_B1_E01_MR
	16519	GM_M15_B1_E02	GM_M15_B1_E02_MR
	16520	GM_M15_B1_E03	GM_M15_B1_E03_MR
	16521	GM_M15_B1_E04	GM_M15_B1_E04_MR
25	16522	GM_M15_B1_E05	GM_M15_B1_E05_MR
	16523	GM_M15_B1_E06	GM_M15_B1_E06_MR
	16524	GM_M15_B1_E07	GM_M15_B1_E07_MR
	16525	GM_M15_B1_E08	GM_M15_B1_E08_MR
	16526	GM_M15_B1_E09	GM_M15_B1_E09_MR
30	16527	GM_M15_B1_E10	GM_M15_B1_E10_MR
	16528	GM_M15_B1_E11	GM_M15_B1_E11_MR
	16529	GM_M15_B1_E12	GM_M15_B1_E12_MR
	16530	GM_M15_B1_F01	GM_M15_B1_F01_MR
	16531	GM_M15_B1_F02	GM_M15_B1_F02_MR
35	16532	GM_M15_B1_F03	GM_M15_B1_F03_MR
	16533	GM_M15_B1_F04	GM_M15_B1_F04_MR
	16534	GM_M15_B1_F05	GM_M15_B1_F05_MR
	16535	GM_M15_B1_F06	GM_M15_B1_F06_MR
	16536	GM_M15_B1_F07	GM_M15_B1_F07_MR
40	16537	GM_M15_B1_F08	GM_M15_B1_F08_MR
	16538	GM_M15_B1_F09	GM_M15_B1_F09_MR
	16539	GM_M15_B1_F10	GM_M15_B1_F10_MR
	16540	GM_M15_B1_F11	GM_M15_B1_F11_MR
	16541	GM_M15_B1_F12	GM_M15_B1_F12_MR
45	16542	GM_M15_B1_G01	GM_M15_B1_G01_MR
	16543	GM_M15_B1_G02	GM_M15_B1_G02_MR
	16544	GM_M15_B1_G03	GM_M15_B1_G03_MR
	16545	GM_M15_B1_G04	GM_M15_B1_G04_MR
	16546	GM_M15_B1_G05	GM_M15_B1_G05_MR
50	16547	GM_M15_B1_G06	GM_M15_B1_G06_MR
	16548	GM_M15_B1_G07	GM_M15_B1_G07_MR
	16549	GM_M15_B1_G08	GM_M15_B1_G08_MR
	16550	GM_M15_B1_G09	GM_M15_B1_G09_MR
	16551	GM_M15_B1_G10	GM_M15_B1_G10_MR
55	16552	GM_M15_B1_G11	GM_M15_B1_G11_MR

	16553	GM_M15_B1_G12		GM_M15_B1_G12_MR
	16554	GM_M15_B1_H01		GM_M15_B1_H01_MR
	16555	GM_M15_B1_H02		GM_M15_B1_H02_MR
	16556	GM_M15_B1_H03		GM_M15_B1_H03_MR
5	16557	GM_M15_B1_H04		GM_M15_B1_H04_MR
	16558	GM_M15_B1_H05		GM_M15_B1_H05_MR
	16559	GM_M15_B1_H06		GM_M15_B1_H06_MR
	16560	GM_M15_B1_H07		GM_M15_B1_H07_MR
	16561	GM_M15_B1_H08		GM_M15_B1_H08_MR
10	16562	GM_M15_B1_H09		GM_M15_B1_H09_MR
	16563	GM_M15_B1_H10		GM_M15_B1_H10_MR
	16564	GM_M15_B1_H11		GM_M15_B1_H11_MR
	16565	GM_M15_B1_H12		GM_M15_B1_H12_MR
	16566	GM_M15_B2_A01	GM_M15_B2_A01_MF	
15	16567	GM_M15_B2_A02	GM_M15_B2_A02_MF	
	16568	GM_M15_B2_A02		GM_M15_B2_A02_MR
	16569	GM_M15_B2_A03	GM_M15_B2_A03_MF	
	16570	GM_M15_B2_A03		GM_M15_B2_A03_MR
	16571	GM_M15_B2_A04	GM_M15_B2_A04_MF	
20	16572	GM_M15_B2_A04		GM_M15_B2_A04_MR
	16573	GM_M15_B2_A05	GM_M15_B2_A05_MF	
	16574	GM_M15_B2_A05		GM_M15_B2_A05_MR
	16575	GM_M15_B2_A06	GM_M15_B2_A06_MF	
	16576	GM_M15_B2_A06		GM_M15_B2_A06_MR
25	16577	GM_M15_B2_A07	GM_M15_B2_A07_MF	
	16578	GM_M15_B2_A07		GM_M15_B2_A07_MR
	16579	GM_M15_B2_A08	GM_M15_B2_A08_MF	
	16580	GM_M15_B2_A08		GM_M15_B2_A08_MR
	16581	GM_M15_B2_A09	GM_M15_B2_A09_MF	
30	16582	GM_M15_B2_A09		GM_M15_B2_A09_MR
	16583	GM_M15_B2_A10	GM_M15_B2_A10_MF	
	16584	GM_M15_B2_A10		GM_M15_B2_A10_MR
	16585	GM_M15_B2_A11	GM_M15_B2_A11_MF	
	16586	GM_M15_B2_A11		GM_M15_B2_A11_MR
35	16587	GM_M15_B2_A12	GM_M15_B2_A12_MF	
	16588	GM_M15_B2_A12		GM_M15_B2_A12_MR
	16589	GM_M15_B2_B01	GM_M15_B2_B01_MF	
	16590	GM_M15_B2_B01		GM_M15_B2_B01_MR
	16591	GM_M15_B2_B02	GM_M15_B2_B02_MF	
40	16592	GM_M15_B2_B02		GM_M15_B2_B02_MR
	16593	GM_M15_B2_B03	GM_M15_B2_B03_MF	
	16594	GM_M15_B2_B03		GM_M15_B2_B03_MR
	16595	GM_M15_B2_B04	GM_M15_B2_B04_MF	
	16596	GM_M15_B2_B04		GM_M15_B2_B04_MR
45	16597	GM_M15_B2_B05	GM_M15_B2_B05_MF	
	16598	GM_M15_B2_B05		GM_M15_B2_B05_MR
	16599	GM_M15_B2_B06	GM_M15_B2_B06_MF	
	16600	GM_M15_B2_B06		GM_M15_B2_B06_MR
	16601	GM_M15_B2_B07	GM_M15_B2_B07_MF	
50	16602	GM_M15_B2_B07		GM_M15_B2_B07_MR
	16603	GM_M15_B2_B08	GM_M15_B2_B08_MF	
	16604	GM_M15_B2_B08		GM_M15_B2_B08_MR
	16605	GM_M15_B2_B09	GM_M15_B2_B09_MF	
	16606	GM_M15_B2_B09		GM_M15_B2_B09_MR
55	16607	GM_M15_B2_B10	GM_M15_B2_B10_MF	

	16608	GM_M15_B2_B10		GM_M15_B2_B10_MR
	16609	GM_M15_B2_B11	GM_M15_B2_B11_MF	
	16610	GM_M15_B2_B11		GM_M15_B2_B11_MR
	16611	GM_M15_B2_B12	GM_M15_B2_B12_MF	
5	16612	GM_M15_B2_B12		GM_M15_B2_B12_MR
	16613	GM_M15_B2_C01	GM_M15_B2_C01_MF	
	16614	GM_M15_B2_C01		GM_M15_B2_C01_MR
	16615	GM_M15_B2_C02	GM_M15_B2_C02_MF	
	16616	GM_M15_B2_C02		GM_M15_B2_C02_MR
10	16617	GM_M15_B2_C03	GM_M15_B2_C03_MF	
	16618	GM_M15_B2_C03		GM_M15_B2_C03_MR
	16619	GM_M15_B2_C04	GM_M15_B2_C04_MF	
	16620	GM_M15_B2_C05	GM_M15_B2_C05_MF	
	16621	GM_M15_B2_C05		GM_M15_B2_C05_MR
15	16622	GM_M15_B2_C06	GM_M15_B2_C06_MF	
	16623	GM_M15_B2_C06		GM_M15_B2_C06_MR
	16624	GM_M15_B2_C07	GM_M15_B2_C07_MF	
	16625	GM_M15_B2_C07		GM_M15_B2_C07_MR
	16626	GM_M15_B2_C08	GM_M15_B2_C08_MF	
20	16627	GM_M15_B2_C08		GM_M15_B2_C08_MR
	16628	GM_M15_B2_C09	GM_M15_B2_C09_MF	
	16629	GM_M15_B2_C09		GM_M15_B2_C09_MR
	16630	GM_M15_B2_C10	GM_M15_B2_C10_MF	
	16631	GM_M15_B2_C10		GM_M15_B2_C10_MR
25	16632	GM_M15_B2_C11	GM_M15_B2_C11_MF	
	16633	GM_M15_B2_C11		GM_M15_B2_C11_MR
	16634	GM_M15_B2_C12	GM_M15_B2_C12_MF	
	16635	GM_M15_B2_C12		GM_M15_B2_C12_MR
	16636	GM_M15_B2_D01	GM_M15_B2_D01_MF	
30	16637	GM_M15_B2_D01		GM_M15_B2_D01_MR
	16638	GM_M15_B2_D02	GM_M15_B2_D02_MF	
	16639	GM_M15_B2_D02		GM_M15_B2_D02_MR
	16640	GM_M15_B2_D03	GM_M15_B2_D03_MF	
	16641	GM_M15_B2_D03		GM_M15_B2_D03_MR
35	16642	GM_M15_B2_D04	GM_M15_B2_D04_MF	
	16643	GM_M15_B2_D04		GM_M15_B2_D04_MR
	16644	GM_M15_B2_D05	GM_M15_B2_D05_MF	
	16645	GM_M15_B2_D05		GM_M15_B2_D05_MR
	16646	GM_M15_B2_D06	GM_M15_B2_D06_MF	
40	16647	GM_M15_B2_D06		GM_M15_B2_D06_MR
	16648	GM_M15_B2_D07	GM_M15_B2_D07_MF	
	16649	GM_M15_B2_D07		GM_M15_B2_D07_MR
	16650	GM_M15_B2_D08	GM_M15_B2_D08_MF	
	16651	GM_M15_B2_D08		GM_M15_B2_D08_MR
45	16652	GM_M15_B2_D09	GM_M15_B2_D09_MF	
	16653	GM_M15_B2_D09		GM_M15_B2_D09_MR
	16654	GM_M15_B2_D10	GM_M15_B2_D10_MF	
	16655	GM_M15_B2_D10		GM_M15_B2_D10_MR
	16656	GM_M15_B2_D11	GM_M15_B2_D11_MF	
50	16657	GM_M15_B2_D11		GM_M15_B2_D11_MR
	16658	GM_M15_B2_D12	GM_M15_B2_D12_MF	
	16659	GM_M15_B2_D12		GM_M15_B2_D12_MR
	16660	GM_M15_B2_E01	GM_M15_B2_E01_MF	
	16661	GM_M15_B2_E01		GM_M15_B2_E01_MR
55	16662	GM_M15_B2_E02	GM_M15_B2_E02_MF	

	16663	GM_M15_B2_E02		GM_M15_B2_E02_MR
	16664	GM_M15_B2_E03	GM_M15_B2_E03_MF	
	16665	GM_M15_B2_E03		GM_M15_B2_E03_MR
	16666	GM_M15_B2_E04	GM_M15_B2_E04_MF	
5	16667	GM_M15_B2_E04		GM_M15_B2_E04_MR
	16668	GM_M15_B2_E05	GM_M15_B2_E05_MF	
	16669	GM_M15_B2_E05		GM_M15_B2_E05_MR
	16670	GM_M15_B2_E06	GM_M15_B2_E06_MF	
	16671	GM_M15_B2_E07	GM_M15_B2_E07_MF	
10	16672	GM_M15_B2_E07		GM_M15_B2_E07_MR
	16673	GM_M15_B2_E08	GM_M15_B2_E08_MF	
	16674	GM_M15_B2_E08		GM_M15_B2_E08_MR
	16675	GM_M15_B2_E09	GM_M15_B2_E09_MF	
	16676	GM_M15_B2_E09		GM_M15_B2_E09_MR
15	16677	GM_M15_B2_E10	GM_M15_B2_E10_MF	
	16678	GM_M15_B2_E10		GM_M15_B2_E10_MR
	16679	GM_M15_B2_E11	GM_M15_B2_E11_MF	
	16680	GM_M15_B2_E11		GM_M15_B2_E11_MR
	16681	GM_M15_B2_E12	GM_M15_B2_E12_MF	
20	16682	GM_M15_B2_E12		GM_M15_B2_E12_MR
	16683	GM_M15_B2_F01	GM_M15_B2_F01_MF	
	16684	GM_M15_B2_F01		GM_M15_B2_F01_MR
	16685	GM_M15_B2_F02	GM_M15_B2_F02_MF	
	16686	GM_M15_B2_F02		GM_M15_B2_F02_MR
25	16687	GM_M15_B2_F03	GM_M15_B2_F03_MF	
	16688	GM_M15_B2_F03		GM_M15_B2_F03_MR
	16689	GM_M15_B2_F04	GM_M15_B2_F04_MF	
	16690	GM_M15_B2_F04		GM_M15_B2_F04_MR
	16691	GM_M15_B2_F05	GM_M15_B2_F05_MF	
30	16692	GM_M15_B2_F05		GM_M15_B2_F05_MR
	16693	GM_M15_B2_F06	GM_M15_B2_F06_MF	
	16694	GM_M15_B2_F06		GM_M15_B2_F06_MR
	16695	GM_M15_B2_F07	GM_M15_B2_F07_MF	
	16696	GM_M15_B2_F07		GM_M15_B2_F07_MR
35	16697	GM_M15_B2_F08	GM_M15_B2_F08_MF	
	16698	GM_M15_B2_F08		GM_M15_B2_F08_MR
	16699	GM_M15_B2_F09	GM_M15_B2_F09_MF	
	16700	GM_M15_B2_F09		GM_M15_B2_F09_MR
	16701	GM_M15_B2_F10	GM_M15_B2_F10_MF	
40	16702	GM_M15_B2_F10		GM_M15_B2_F10_MR
	16703	GM_M15_B2_F11	GM_M15_B2_F11_MF	
	16704	GM_M15_B2_F11		GM_M15_B2_F11_MR
	16705	GM_M15_B2_F12	GM_M15_B2_F12_MF	
	16706	GM_M15_B2_F12		GM_M15_B2_F12_MR
45	16707	GM_M15_B2_G01	GM_M15_B2_G01_MF	
	16708	GM_M15_B2_G01		GM_M15_B2_G01_MR
	16709	GM_M15_B2_G02	GM_M15_B2_G02_MF	
	16710	GM_M15_B2_G02		GM_M15_B2_G02_MR
	16711	GM_M15_B2_G03	GM_M15_B2_G03_MF	
50	16712	GM_M15_B2_G03		GM_M15_B2_G03_MR
	16713	GM_M15_B2_G04	GM_M15_B2_G04_MF	
	16714	GM_M15_B2_G04		GM_M15_B2_G04_MR
	16715	GM_M15_B2_G05	GM_M15_B2_G05_MF	
	16716	GM_M15_B2_G05		GM_M15_B2_G05_MR
55	16717	GM_M15_B2_G06	GM_M15_B2_G06_MF	

	16718	GM_M15_B2_G06		GM_M15_B2_G06_MR
	16719	GM_M15_B2_G07	GM_M15_B2_G07_MF	
	16720	GM_M15_B2_G07		GM_M15_B2_G07_MR
	16721	GM_M15_B2_G08	GM_M15_B2_G08_MF	
5	16722	GM_M15_B2_G08		GM_M15_B2_G08_MR
	16723	GM_M15_B2_G09	GM_M15_B2_G09_MF	
	16724	GM_M15_B2_G09		GM_M15_B2_G09_MR
	16725	GM_M15_B2_G10	GM_M15_B2_G10_MF	
	16726	GM_M15_B2_G10		GM_M15_B2_G10_MR
10	16727	GM_M15_B2_G11	GM_M15_B2_G11_MF	
	16728	GM_M15_B2_G11		GM_M15_B2_G11_MR
	16729	GM_M15_B2_G12	GM_M15_B2_G12_MF	
	16730	GM_M15_B2_G12		GM_M15_B2_G12_MR
	16731	GM_M15_B2_H01	GM_M15_B2_H01_MF	
15	16732	GM_M15_B2_H01		GM_M15_B2_H01_MR
	16733	GM_M15_B2_H02	GM_M15_B2_H02_MF	
	16734	GM_M15_B2_H02		GM_M15_B2_H02_MR
	16735	GM_M15_B2_H03	GM_M15_B2_H03_MF	
	16736	GM_M15_B2_H03		GM_M15_B2_H03_MR
20	16737	GM_M15_B2_H04	GM_M15_B2_H04_MF	
	16738	GM_M15_B2_H04		GM_M15_B2_H04_MR
	16739	GM_M15_B2_H05	GM_M15_B2_H05_MF	
	16740	GM_M15_B2_H05		GM_M15_B2_H05_MR
	16741	GM_M15_B2_H06	GM_M15_B2_H06_MF	
25	16742	GM_M15_B2_H06		GM_M15_B2_H06_MR
	16743	GM_M15_B2_H07	GM_M15_B2_H07_MF	
	16744	GM_M15_B2_H07		GM_M15_B2_H07_MR
	16745	GM_M15_B2_H08	GM_M15_B2_H08_MF	
	16746	GM_M15_B2_H08		GM_M15_B2_H08_MR
30	16747	GM_M15_B2_H09	GM_M15_B2_H09_MF	
	16748	GM_M15_B2_H09		GM_M15_B2_H09_MR
	16749	GM_M15_B2_H10	GM_M15_B2_H10_MF	
	16750	GM_M15_B2_H10		GM_M15_B2_H10_MR
	16751	GM_M15_B2_H11	GM_M15_B2_H11_MF	
35	16752	GM_M15_B2_H11		GM_M15_B2_H11_MR
	16753	GM_M15_B2_H12	GM_M15_B2_H12_MF	
	16754	GM_M15_B2_H12		GM_M15_B2_H12_MR
	16755	GM_M16_A1_A01	GM_M16_A1_A01_MF	
	16756	GM_M16_A1_A01		GM_M16_A1_A01_MR
40	16757	GM_M16_A1_A02	GM_M16_A1_A02_MF	
	16758	GM_M16_A1_A02		GM_M16_A1_A02_MR
	16759	GM_M16_A1_A03	GM_M16_A1_A03_MF	
	16760	GM_M16_A1_A03		GM_M16_A1_A03_MR
	16761	GM_M16_A1_A04	GM_M16_A1_A04_MF	
45	16762	GM_M16_A1_A04		GM_M16_A1_A04_MR
	16763	GM_M16_A1_A05	GM_M16_A1_A05_MF	
	16764	GM_M16_A1_A05		GM_M16_A1_A05_MR
	16765	GM_M16_A1_A06	GM_M16_A1_A06_MF	
	16766	GM_M16_A1_A06		GM_M16_A1_A06_MR
50	16767	GM_M16_A1_A07	GM_M16_A1_A07_MF	
	16768	GM_M16_A1_A07		GM_M16_A1_A07_MR
	16769	GM_M16_A1_A08	GM_M16_A1_A08_MF	
	16770	GM_M16_A1_A08		GM_M16_A1_A08_MR
	16771	GM_M16_A1_A09	GM_M16_A1_A09_MF	
55	16772	GM_M16_A1_A09		GM_M16_A1_A09_MR

	16773	GM_M16_A1_A10	GM_M16_A1_A10_MF	
	16774	GM_M16_A1_A10		GM_M16_A1_A10_MR
	16775	GM_M16_A1_A11	GM_M16_A1_A11_MF	
	16776	GM_M16_A1_A11		GM_M16_A1_A11_MR
5	16777	GM_M16_A1_A12	GM_M16_A1_A12_MF	
	16778	GM_M16_A1_A12		GM_M16_A1_A12_MR
	16779	GM_M16_A1_B01	GM_M16_A1_B01_MF	
	16780	GM_M16_A1_B01		GM_M16_A1_B01_MR
	16781	GM_M16_A1_B02	GM_M16_A1_B02_MF	
10	16782	GM_M16_A1_B02		GM_M16_A1_B02_MR
	16783	GM_M16_A1_B03	GM_M16_A1_B03_MF	
	16784	GM_M16_A1_B03		GM_M16_A1_B03_MR
	16785	GM_M16_A1_B04	GM_M16_A1_B04_MF	
	16786	GM_M16_A1_B04		GM_M16_A1_B04_MR
15	16787	GM_M16_A1_B05	GM_M16_A1_B05_MF	
	16788	GM_M16_A1_B05		GM_M16_A1_B05_MR
	16789	GM_M16_A1_B06	GM_M16_A1_B06_MF	
	16790	GM_M16_A1_B07	GM_M16_A1_B07_MF	
	16791	GM_M16_A1_B07		GM_M16_A1_B07_MR
20	16792	GM_M16_A1_B08	GM_M16_A1_B08_MF	
	16793	GM_M16_A1_B08		GM_M16_A1_B08_MR
	16794	GM_M16_A1_B09	GM_M16_A1_B09_MF	
	16795	GM_M16_A1_B09		GM_M16_A1_B09_MR
	16796	GM_M16_A1_B10	GM_M16_A1_B10_MF	
25	16797	GM_M16_A1_B10		GM_M16_A1_B10_MR
	16798	GM_M16_A1_B11	GM_M16_A1_B11_MF	
	16799	GM_M16_A1_B11		GM_M16_A1_B11_MR
	16800	GM_M16_A1_B12	GM_M16_A1_B12_MF	
	16801	GM_M16_A1_B12		GM_M16_A1_B12_MR
30	16802	GM_M16_A1_C01	GM_M16_A1_C01_MF	
	16803	GM_M16_A1_C01		GM_M16_A1_C01_MR
	16804	GM_M16_A1_C02	GM_M16_A1_C02_MF	
	16805	GM_M16_A1_C02		GM_M16_A1_C02_MR
	16806	GM_M16_A1_C03	GM_M16_A1_C03_MF	
35	16807	GM_M16_A1_C03		GM_M16_A1_C03_MR
	16808	GM_M16_A1_C04	GM_M16_A1_C04_MF	
	16809	GM_M16_A1_C04		GM_M16_A1_C04_MR
	16810	GM_M16_A1_C05	GM_M16_A1_C05_MF	
	16811	GM_M16_A1_C05		GM_M16_A1_C05_MR
40	16812	GM_M16_A1_C06	GM_M16_A1_C06_MF	
	16813	GM_M16_A1_C06		GM_M16_A1_C06_MR
	16814	GM_M16_A1_C07	GM_M16_A1_C07_MF	
	16815	GM_M16_A1_C07		GM_M16_A1_C07_MR
	16816	GM_M16_A1_C08	GM_M16_A1_C08_MF	
45	16817	GM_M16_A1_C08		GM_M16_A1_C08_MR
	16818	GM_M16_A1_C09	GM_M16_A1_C09_MF	
	16819	GM_M16_A1_C09		GM_M16_A1_C09_MR
	16820	GM_M16_A1_C10	GM_M16_A1_C10_MF	
	16821	GM_M16_A1_C10		GM_M16_A1_C10_MR
50	16822	GM_M16_A1_C11	GM_M16_A1_C11_MF	
	16823	GM_M16_A1_C11		GM_M16_A1_C11_MR
	16824	GM_M16_A1_C12	GM_M16_A1_C12_MF	
	16825	GM_M16_A1_C12		GM_M16_A1_C12_MR
	16826	GM_M16_A1_D01	GM_M16_A1_D01_MF	
55	16827	GM_M16_A1_D01		GM_M16_A1_D01_MR

	16828	GM_M16_A1_D02	GM_M16_A1_D02_MF	
	16829	GM_M16_A1_D02		GM_M16_A1_D02_MR
	16830	GM_M16_A1_D03	GM_M16_A1_D03_MF	
	16831	GM_M16_A1_D03		GM_M16_A1_D03_MR
5	16832	GM_M16_A1_D04	GM_M16_A1_D04_MF	
	16833	GM_M16_A1_D04		GM_M16_A1_D04_MR
	16834	GM_M16_A1_D05	GM_M16_A1_D05_MF	
	16835	GM_M16_A1_D06	GM_M16_A1_D06_MF	
	16836	GM_M16_A1_D06		GM_M16_A1_D06_MR
10	16837	GM_M16_A1_D07	GM_M16_A1_D07_MF	
	16838	GM_M16_A1_D07		GM_M16_A1_D07_MR
	16839	GM_M16_A1_D08	GM_M16_A1_D08_MF	
	16840	GM_M16_A1_D08		GM_M16_A1_D08_MR
	16841	GM_M16_A1_D09	GM_M16_A1_D09_MF	
15	16842	GM_M16_A1_D09		GM_M16_A1_D09_MR
	16843	GM_M16_A1_D10	GM_M16_A1_D10_MF	
	16844	GM_M16_A1_D10		GM_M16_A1_D10_MR
	16845	GM_M16_A1_D11	GM_M16_A1_D11_MF	
	16846	GM_M16_A1_D11		GM_M16_A1_D11_MR
20	16847	GM_M16_A1_D12	GM_M16_A1_D12_MF	
	16848	GM_M16_A1_D12		GM_M16_A1_D12_MR
	16849	GM_M16_A1_E01	GM_M16_A1_E01_MF	
	16850	GM_M16_A1_E01		GM_M16_A1_E01_MR
	16851	GM_M16_A1_E02	GM_M16_A1_E02_MF	
25	16852	GM_M16_A1_E02		GM_M16_A1_E02_MR
	16853	GM_M16_A1_E03	GM_M16_A1_E03_MF	
	16854	GM_M16_A1_E03		GM_M16_A1_E03_MR
	16855	GM_M16_A1_E04	GM_M16_A1_E04_MF	
	16856	GM_M16_A1_E04		GM_M16_A1_E04_MR
30	16857	GM_M16_A1_E05	GM_M16_A1_E05_MF	
	16858	GM_M16_A1_E05		GM_M16_A1_E05_MR
	16859	GM_M16_A1_E06	GM_M16_A1_E06_MF	
	16860	GM_M16_A1_E06		GM_M16_A1_E06_MR
	16861	GM_M16_A1_E07	GM_M16_A1_E07_MF	
35	16862	GM_M16_A1_E07		GM_M16_A1_E07_MR
	16863	GM_M16_A1_E08	GM_M16_A1_E08_MF	
	16864	GM_M16_A1_E08		GM_M16_A1_E08_MR
	16865	GM_M16_A1_E09	GM_M16_A1_E09_MF	
	16866	GM_M16_A1_E09		GM_M16_A1_E09_MR
40	16867	GM_M16_A1_E10	GM_M16_A1_E10_MF	
	16868	GM_M16_A1_E10		GM_M16_A1_E10_MR
	16869	GM_M16_A1_E11	GM_M16_A1_E11_MF	
	16870	GM_M16_A1_E11		GM_M16_A1_E11_MR
	16871	GM_M16_A1_E12	GM_M16_A1_E12_MF	
45	16872	GM_M16_A1_E12		GM_M16_A1_E12_MR
	16873	GM_M16_A1_F01	GM_M16_A1_F01_MF	
	16874	GM_M16_A1_F01		GM_M16_A1_F01_MR
	16875	GM_M16_A1_F02	GM_M16_A1_F02_MF	
	16876	GM_M16_A1_F02		GM_M16_A1_F02_MR
50	16877	GM_M16_A1_F03	GM_M16_A1_F03_MF	
	16878	GM_M16_A1_F03		GM_M16_A1_F03_MR
	16879	GM_M16_A1_F04	GM_M16_A1_F04_MF	
	16880	GM_M16_A1_F04		GM_M16_A1_F04_MR
	16881	GM_M16_A1_F05	GM_M16_A1_F05_MF	
55	16882	GM_M16_A1_F05		GM_M16_A1_F05_MR

	16883	GM_M16_A1_F06	GM_M16_A1_F06_MF	
	16884	GM_M16_A1_F06		GM_M16_A1_F06_MR
	16885	GM_M16_A1_F07	GM_M16_A1_F07_MF	
	16886	GM_M16_A1_F07		GM_M16_A1_F07_MR
5	16887	GM_M16_A1_F08	GM_M16_A1_F08_MF	
	16888	GM_M16_A1_F08		GM_M16_A1_F08_MR
	16889	GM_M16_A1_F09	GM_M16_A1_F09_MF	
	16890	GM_M16_A1_F09		GM_M16_A1_F09_MR
	16891	GM_M16_A1_F10	GM_M16_A1_F10_MF	
10	16892	GM_M16_A1_F10		GM_M16_A1_F10_MR
	16893	GM_M16_A1_F11	GM_M16_A1_F11_MF	
	16894	GM_M16_A1_F11		GM_M16_A1_F11_MR
	16895	GM_M16_A1_F12	GM_M16_A1_F12_MF	
	16896	GM_M16_A1_F12		GM_M16_A1_F12_MR
15	16897	GM_M16_A1_G01	GM_M16_A1_G01_MF	
	16898	GM_M16_A1_G01		GM_M16_A1_G01_MR
	16899	GM_M16_A1_G02	GM_M16_A1_G02_MF	
	16900	GM_M16_A1_G02		GM_M16_A1_G02_MR
	16901	GM_M16_A1_G03	GM_M16_A1_G03_MF	
20	16902	GM_M16_A1_G03		GM_M16_A1_G03_MR
	16903	GM_M16_A1_G04	GM_M16_A1_G04_MF	
	16904	GM_M16_A1_G04		GM_M16_A1_G04_MR
	16905	GM_M16_A1_G05	GM_M16_A1_G05_MF	
	16906	GM_M16_A1_G05		GM_M16_A1_G05_MR
25	16907	GM_M16_A1_G06	GM_M16_A1_G06_MF	
	16908	GM_M16_A1_G06		GM_M16_A1_G06_MR
	16909	GM_M16_A1_G09	GM_M16_A1_G09_MF	
	16910	GM_M16_A1_G09		GM_M16_A1_G09_MR
	16911	GM_M16_A1_G10	GM_M16_A1_G10_MF	
30	16912	GM_M16_A1_G10		GM_M16_A1_G10_MR
	16913	GM_M16_A1_G11	GM_M16_A1_G11_MF	
	16914	GM_M16_A1_G11		GM_M16_A1_G11_MR
	16915	GM_M16_A1_G12	GM_M16_A1_G12_MF	
	16916	GM_M16_A1_G12		GM_M16_A1_G12_MR
35	16917	GM_M16_A1_H01	GM_M16_A1_H01_MF	
	16918	GM_M16_A1_H01		GM_M16_A1_H01_MR
	16919	GM_M16_A1_H02	GM_M16_A1_H02_MF	
	16920	GM_M16_A1_H02		GM_M16_A1_H02_MR
	16921	GM_M16_A1_H03	GM_M16_A1_H03_MF	
40	16922	GM_M16_A1_H03		GM_M16_A1_H03_MR
	16923	GM_M16_A1_H04	GM_M16_A1_H04_MF	
	16924	GM_M16_A1_H04		GM_M16_A1_H04_MR
	16925	GM_M16_A1_H05	GM_M16_A1_H05_MF	
	16926	GM_M16_A1_H05		GM_M16_A1_H05_MR
45	16927	GM_M16_A1_H06	GM_M16_A1_H06_MF	
	16928	GM_M16_A1_H06		GM_M16_A1_H06_MR
	16929	GM_M16_A1_H07	GM_M16_A1_H07_MF	
	16930	GM_M16_A1_H07		GM_M16_A1_H07_MR
	16931	GM_M16_A1_H08	GM_M16_A1_H08_MF	
50	16932	GM_M16_A1_H08		GM_M16_A1_H08_MR
	16933	GM_M16_A1_H09	GM_M16_A1_H09_MF	
	16934	GM_M16_A1_H09		GM_M16_A1_H09_MR
	16935	GM_M16_A1_H10	GM_M16_A1_H10_MF	
	16936	GM_M16_A1_H10		GM_M16_A1_H10_MR
55	16937	GM_M16_A1_H11	GM_M16_A1_H11_MF	

	16938	GM_M16_A1_H11		GM_M16_A1_H11_MR
	16939	GM_M16_A1_H12	GM_M16_A1_H12_MF	
	16940	GM_M16_A1_H12		GM_M16_A1_H12_MR
	16941	GM_M16_A2_A01	GM_M16_A2_A01_MF	
5	16942	GM_M16_A2_A01		GM_M16_A2_A01_MR
	16943	GM_M16_A2_A02	GM_M16_A2_A02_MF	
	16944	GM_M16_A2_A02		GM_M16_A2_A02_MR
	16945	GM_M16_A2_A03	GM_M16_A2_A03_MF	
	16946	GM_M16_A2_A03		GM_M16_A2_A03_MR
10	16947	GM_M16_A2_A04	GM_M16_A2_A04_MF	
	16948	GM_M16_A2_A04		GM_M16_A2_A04_MR
	16949	GM_M16_A2_A05	GM_M16_A2_A05_MF	
	16950	GM_M16_A2_A05		GM_M16_A2_A05_MR
	16951	GM_M16_A2_A06	GM_M16_A2_A06_MF	
15	16952	GM_M16_A2_A06		GM_M16_A2_A06_MR
	16953	GM_M16_A2_A07	GM_M16_A2_A07_MF	
	16954	GM_M16_A2_A07		GM_M16_A2_A07_MR
	16955	GM_M16_A2_A08	GM_M16_A2_A08_MF	
	16956	GM_M16_A2_A08		GM_M16_A2_A08_MR
20	16957	GM_M16_A2_A09	GM_M16_A2_A09_MF	
	16958	GM_M16_A2_A09		GM_M16_A2_A09_MR
	16959	GM_M16_A2_A10	GM_M16_A2_A10_MF	
	16960	GM_M16_A2_A10		GM_M16_A2_A10_MR
	16961	GM_M16_A2_A11	GM_M16_A2_A11_MF	
25	16962	GM_M16_A2_A11		GM_M16_A2_A11_MR
	16963	GM_M16_A2_A12	GM_M16_A2_A12_MF	
	16964	GM_M16_A2_A12		GM_M16_A2_A12_MR
	16965	GM_M16_A2_B01	GM_M16_A2_B01_MF	
	16966	GM_M16_A2_B01		GM_M16_A2_B01_MR
30	16967	GM_M16_A2_B02	GM_M16_A2_B02_MF	
	16968	GM_M16_A2_B02		GM_M16_A2_B02_MR
	16969	GM_M16_A2_B03	GM_M16_A2_B03_MF	
	16970	GM_M16_A2_B03		GM_M16_A2_B03_MR
	16971	GM_M16_A2_B04	GM_M16_A2_B04_MF	
35	16972	GM_M16_A2_B04		GM_M16_A2_B04_MR
	16973	GM_M16_A2_B05	GM_M16_A2_B05_MF	
	16974	GM_M16_A2_B05		GM_M16_A2_B05_MR
	16975	GM_M16_A2_B06	GM_M16_A2_B06_MF	
	16976	GM_M16_A2_B06		GM_M16_A2_B06_MR
40	16977	GM_M16_A2_B07	GM_M16_A2_B07_MF	
	16978	GM_M16_A2_B07		GM_M16_A2_B07_MR
	16979	GM_M16_A2_B08	GM_M16_A2_B08_MF	
	16980	GM_M16_A2_B08		GM_M16_A2_B08_MR
	16981	GM_M16_A2_B09	GM_M16_A2_B09_MF	
45	16982	GM_M16_A2_B09		GM_M16_A2_B09_MR
	16983	GM_M16_A2_B10	GM_M16_A2_B10_MF	
	16984	GM_M16_A2_B10		GM_M16_A2_B10_MR
	16985	GM_M16_A2_B11	GM_M16_A2_B11_MF	
	16986	GM_M16_A2_B11		GM_M16_A2_B11_MR
50	16987	GM_M16_A2_B12	GM_M16_A2_B12_MF	
	16988	GM_M16_A2_B12		GM_M16_A2_B12_MR
	16989	GM_M16_A2_C01	GM_M16_A2_C01_MF	
	16990	GM_M16_A2_C01		GM_M16_A2_C01_MR
	16991	GM_M16_A2_C02	GM_M16_A2_C02_MF	
55	16992	GM_M16_A2_C02		GM_M16_A2_C02_MR

	16993	GM_M16_A2_C03	GM_M16_A2_C03_MF	
	16994	GM_M16_A2_C03		GM_M16_A2_C03_MR
	16995	GM_M16_A2_C04	GM_M16_A2_C04_MF	
	16996	GM_M16_A2_C04		GM_M16_A2_C04_MR
5	16997	GM_M16_A2_C05	GM_M16_A2_C05_MF	
	16998	GM_M16_A2_C05		GM_M16_A2_C05_MR
	16999	GM_M16_A2_C06	GM_M16_A2_C06_MF	
	17000	GM_M16_A2_C06		GM_M16_A2_C06_MR
	17001	GM_M16_A2_C07	GM_M16_A2_C07_MF	
10	17002	GM_M16_A2_C07		GM_M16_A2_C07_MR
	17003	GM_M16_A2_C08	GM_M16_A2_C08_MF	
	17004	GM_M16_A2_C08		GM_M16_A2_C08_MR
	17005	GM_M16_A2_C09	GM_M16_A2_C09_MF	
	17006	GM_M16_A2_C09		GM_M16_A2_C09_MR
15	17007	GM_M16_A2_C10	GM_M16_A2_C10_MF	
	17008	GM_M16_A2_C10		GM_M16_A2_C10_MR
	17009	GM_M16_A2_C11	GM_M16_A2_C11_MF	
	17010	GM_M16_A2_C11		GM_M16_A2_C11_MR
	17011	GM_M16_A2_C12	GM_M16_A2_C12_MF	
20	17012	GM_M16_A2_C12		GM_M16_A2_C12_MR
	17013	GM_M16_A2_D01	GM_M16_A2_D01_MF	
	17014	GM_M16_A2_D01		GM_M16_A2_D01_MR
	17015	GM_M16_A2_D02	GM_M16_A2_D02_MF	
	17016	GM_M16_A2_D02		GM_M16_A2_D02_MR
25	17017	GM_M16_A2_D03	GM_M16_A2_D03_MF	
	17018	GM_M16_A2_D03		GM_M16_A2_D03_MR
	17019	GM_M16_A2_D04	GM_M16_A2_D04_MF	
	17020	GM_M16_A2_D04		GM_M16_A2_D04_MR
	17021	GM_M16_A2_D05	GM_M16_A2_D05_MF	
30	17022	GM_M16_A2_D05		GM_M16_A2_D05_MR
	17023	GM_M16_A2_D06	GM_M16_A2_D06_MF	
	17024	GM_M16_A2_D06		GM_M16_A2_D06_MR
	17025	GM_M16_A2_D07	GM_M16_A2_D07_MF	
	17026	GM_M16_A2_D07		GM_M16_A2_D07_MR
35	17027	GM_M16_A2_D08	GM_M16_A2_D08_MF	
	17028	GM_M16_A2_D08		GM_M16_A2_D08_MR
	17029	GM_M16_A2_D09	GM_M16_A2_D09_MF	
	17030	GM_M16_A2_D09		GM_M16_A2_D09_MR
	17031	GM_M16_A2_D10	GM_M16_A2_D10_MF	
40	17032	GM_M16_A2_D10		GM_M16_A2_D10_MR
	17033	GM_M16_A2_D11	GM_M16_A2_D11_MF	
	17034	GM_M16_A2_D11		GM_M16_A2_D11_MR
	17035	GM_M16_A2_D12	GM_M16_A2_D12_MF	
	17036	GM_M16_A2_D12		GM_M16_A2_D12_MR
45	17037	GM_M16_A2_E01	GM_M16_A2_E01_MF	
	17038	GM_M16_A2_E01		GM_M16_A2_E01_MR
	17039	GM_M16_A2_E02	GM_M16_A2_E02_MF	
	17040	GM_M16_A2_E02		GM_M16_A2_E02_MR
	17041	GM_M16_A2_E03	GM_M16_A2_E03_MF	
50	17042	GM_M16_A2_E03		GM_M16_A2_E03_MR
	17043	GM_M16_A2_E04	GM_M16_A2_E04_MF	
	17044	GM_M16_A2_E04		GM_M16_A2_E04_MR
	17045	GM_M16_A2_E05	GM_M16_A2_E05_MF	
	17046	GM_M16_A2_E05		GM_M16_A2_E05_MR
55	17047	GM_M16_A2_E06	GM_M16_A2_E06_MF	

	17048	GM_M16_A2_E06		GM_M16_A2_E06_MR
	17049	GM_M16_A2_E07	GM_M16_A2_E07_MF	
	17050	GM_M16_A2_E07		GM_M16_A2_E07_MR
	17051	GM_M16_A2_E08	GM_M16_A2_E08_MF	
5	17052	GM_M16_A2_E08		GM_M16_A2_E08_MR
	17053	GM_M16_A2_E09	GM_M16_A2_E09_MF	
	17054	GM_M16_A2_E09		GM_M16_A2_E09_MR
	17055	GM_M16_A2_E10		GM_M16_A2_E10_MR
	17056	GM_M16_A2_E11	GM_M16_A2_E11_MF	
10	17057	GM_M16_A2_E11		GM_M16_A2_E11_MR
	17058	GM_M16_A2_E12	GM_M16_A2_E12_MF	
	17059	GM_M16_A2_E12		GM_M16_A2_E12_MR
	17060	GM_M16_A2_F01	GM_M16_A2_F01_MF	
	17061	GM_M16_A2_F01		GM_M16_A2_F01_MR
15	17062	GM_M16_A2_F02	GM_M16_A2_F02_MF	
	17063	GM_M16_A2_F02		GM_M16_A2_F02_MR
	17064	GM_M16_A2_F03	GM_M16_A2_F03_MF	
	17065	GM_M16_A2_F03		GM_M16_A2_F03_MR
	17066	GM_M16_A2_F04	GM_M16_A2_F04_MF	
20	17067	GM_M16_A2_F04		GM_M16_A2_F04_MR
	17068	GM_M16_A2_F05	GM_M16_A2_F05_MF	
	17069	GM_M16_A2_F05		GM_M16_A2_F05_MR
	17070	GM_M16_A2_F06	GM_M16_A2_F06_MF	
	17071	GM_M16_A2_F06		GM_M16_A2_F06_MR
25	17072	GM_M16_A2_F07	GM_M16_A2_F07_MF	
	17073	GM_M16_A2_F07		GM_M16_A2_F07_MR
	17074	GM_M16_A2_F08	GM_M16_A2_F08_MF	
	17075	GM_M16_A2_F08		GM_M16_A2_F08_MR
	17076	GM_M16_A2_F09	GM_M16_A2_F09_MF	
30	17077	GM_M16_A2_F09		GM_M16_A2_F09_MR
	17078	GM_M16_A2_F10	GM_M16_A2_F10_MF	
	17079	GM_M16_A2_F10		GM_M16_A2_F10_MR
	17080	GM_M16_A2_F11	GM_M16_A2_F11_MF	
	17081	GM_M16_A2_F11		GM_M16_A2_F11_MR
35	17082	GM_M16_A2_F12	GM_M16_A2_F12_MF	
	17083	GM_M16_A2_F12		GM_M16_A2_F12_MR
	17084	GM_M16_A2_G01	GM_M16_A2_G01_MF	
	17085	GM_M16_A2_G01		GM_M16_A2_G01_MR
	17086	GM_M16_A2_G02	GM_M16_A2_G02_MF	
40	17087	GM_M16_A2_G02		GM_M16_A2_G02_MR
	17088	GM_M16_A2_G03	GM_M16_A2_G03_MF	
	17089	GM_M16_A2_G03		GM_M16_A2_G03_MR
	17090	GM_M16_A2_G04	GM_M16_A2_G04_MF	
	17091	GM_M16_A2_G04		GM_M16_A2_G04_MR
45	17092	GM_M16_A2_G05	GM_M16_A2_G05_MF	
	17093	GM_M16_A2_G05		GM_M16_A2_G05_MR
	17094	GM_M16_A2_G06	GM_M16_A2_G06_MF	
	17095	GM_M16_A2_G06		GM_M16_A2_G06_MR
	17096	GM_M16_A2_G07	GM_M16_A2_G07_MF	
50	17097	GM_M16_A2_G07		GM_M16_A2_G07_MR
	17098	GM_M16_A2_G08	GM_M16_A2_G08_MF	
	17099	GM_M16_A2_G08		GM_M16_A2_G08_MR
	17100	GM_M16_A2_G09	GM_M16_A2_G09_MF	
	17101	GM_M16_A2_G10	GM_M16_A2_G10_MF	
55	17102	GM_M16_A2_G10		GM_M16_A2_G10_MR

5	17103	GM_M16_A2_G11	GM_M16_A2_G11_MF	
	17104	GM_M16_A2_G11		GM_M16_A2_G11_MR
	17105	GM_M16_A2_G12	GM_M16_A2_G12_MF	
	17106	GM_M16_A2_G12		GM_M16_A2_G12_MR
	17107	GM_M16_A2_H01	GM_M16_A2_H01_MF	
10	17108	GM_M16_A2_H01		GM_M16_A2_H01_MR
	17109	GM_M16_A2_H02	GM_M16_A2_H02_MF	
	17110	GM_M16_A2_H02		GM_M16_A2_H02_MR
	17111	GM_M16_A2_H03	GM_M16_A2_H03_MF	
	17112	GM_M16_A2_H03		GM_M16_A2_H03_MR
15	17113	GM_M16_A2_H04	GM_M16_A2_H04_MF	
	17114	GM_M16_A2_H04		GM_M16_A2_H04_MR
	17115	GM_M16_A2_H05	GM_M16_A2_H05_MF	
	17116	GM_M16_A2_H05		GM_M16_A2_H05_MR
	17117	GM_M16_A2_H06	GM_M16_A2_H06_MF	
20	17118	GM_M16_A2_H06		GM_M16_A2_H06_MR
	17119	GM_M16_A2_H07	GM_M16_A2_H07_MF	
	17120	GM_M16_A2_H07		GM_M16_A2_H07_MR
	17121	GM_M16_A2_H08	GM_M16_A2_H08_MF	
	17122	GM_M16_A2_H08		GM_M16_A2_H08_MR
25	17123	GM_M16_A2_H09	GM_M16_A2_H09_MF	
	17124	GM_M16_A2_H09		GM_M16_A2_H09_MR
	17125	GM_M16_A2_H10	GM_M16_A2_H10_MF	
	17126	GM_M16_A2_H10		GM_M16_A2_H10_MR
	17127	GM_M16_A2_H11	GM_M16_A2_H11_MF	
30	17128	GM_M16_A2_H11		GM_M16_A2_H11_MR
	17129	GM_M16_A2_H12	GM_M16_A2_H12_MF	
	17130	GM_M16_A2_H12		GM_M16_A2_H12_MR
	17131	GM_M16_B1_A01		GM_M16_B1_A01_MR
	17132	GM_M16_B1_A02		GM_M16_B1_A02_MR
35	17133	GM_M16_B1_A03		GM_M16_B1_A03_MR
	17134	GM_M16_B1_A04		GM_M16_B1_A04_MR
	17135	GM_M16_B1_A05		GM_M16_B1_A05_MR
	17136	GM_M16_B1_A06		GM_M16_B1_A06_MR
	17137	GM_M16_B1_A07		GM_M16_B1_A07_MR
40	17138	GM_M16_B1_A08		GM_M16_B1_A08_MR
	17139	GM_M16_B1_A09		GM_M16_B1_A09_MR
	17140	GM_M16_B1_A10		GM_M16_B1_A10_MR
	17141	GM_M16_B1_A11		GM_M16_B1_A11_MR
	17142	GM_M16_B1_A12		GM_M16_B1_A12_MR
45	17143	GM_M16_B1_B01		GM_M16_B1_B01_MR
	17144	GM_M16_B1_B02		GM_M16_B1_B02_MR
	17145	GM_M16_B1_B04		GM_M16_B1_B04_MR
	17146	GM_M16_B1_B05		GM_M16_B1_B05_MR
	17147	GM_M16_B1_B06		GM_M16_B1_B06_MR
50	17148	GM_M16_B1_B07		GM_M16_B1_B07_MR
	17149	GM_M16_B1_B08		GM_M16_B1_B08_MR
	17150	GM_M16_B1_B09		GM_M16_B1_B09_MR
	17151	GM_M16_B1_B10		GM_M16_B1_B10_MR
	17152	GM_M16_B1_B11		GM_M16_B1_B11_MR
55	17153	GM_M16_B1_B12		GM_M16_B1_B12_MR
	17154	GM_M16_B1_C01		GM_M16_B1_C01_MR
	17155	GM_M16_B1_C02		GM_M16_B1_C02_MR
	17156	GM_M16_B1_C03		GM_M16_B1_C03_MR
	17157	GM_M16_B1_C04		GM_M16_B1_C04_MR

	17158	GM_M16_B1_C05	GM_M16_B1_C05_MR
	17159	GM_M16_B1_C06	GM_M16_B1_C06_MR
	17160	GM_M16_B1_C07	GM_M16_B1_C07_MR
	17161	GM_M16_B1_C08	GM_M16_B1_C08_MR
5	17162	GM_M16_B1_C09	GM_M16_B1_C09_MR
	17163	GM_M16_B1_C10	GM_M16_B1_C10_MR
	17164	GM_M16_B1_C11	GM_M16_B1_C11_MR
	17165	GM_M16_B1_C12	GM_M16_B1_C12_MR
	17166	GM_M16_B1_D01	GM_M16_B1_D01_MR
10	17167	GM_M16_B1_D02	GM_M16_B1_D02_MR
	17168	GM_M16_B1_D03	GM_M16_B1_D03_MR
	17169	GM_M16_B1_D04	GM_M16_B1_D04_MR
	17170	GM_M16_B1_D05	GM_M16_B1_D05_MR
	17171	GM_M16_B1_D06	GM_M16_B1_D06_MR
15	17172	GM_M16_B1_D07	GM_M16_B1_D07_MR
	17173	GM_M16_B1_D08	GM_M16_B1_D08_MR
	17174	GM_M16_B1_D09	GM_M16_B1_D09_MR
	17175	GM_M16_B1_D10	GM_M16_B1_D10_MR
	17176	GM_M16_B1_D11	GM_M16_B1_D11_MR
20	17177	GM_M16_B1_D12	GM_M16_B1_D12_MR
	17178	GM_M16_B1_E01	GM_M16_B1_E01_MR
	17179	GM_M16_B1_E02	GM_M16_B1_E02_MR
	17180	GM_M16_B1_E03	GM_M16_B1_E03_MR
	17181	GM_M16_B1_E04	GM_M16_B1_E04_MR
25	17182	GM_M16_B1_E05	GM_M16_B1_E05_MR
	17183	GM_M16_B1_E06	GM_M16_B1_E06_MR
	17184	GM_M16_B1_E07	GM_M16_B1_E07_MR
	17185	GM_M16_B1_E08	GM_M16_B1_E08_MR
	17186	GM_M16_B1_E09	GM_M16_B1_E09_MR
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	17188	GM_M16_B1_E11	GM_M16_B1_E11_MR
	17189	GM_M16_B1_E12	GM_M16_B1_E12_MR
	17190	GM_M16_B1_F01	GM_M16_B1_F01_MR
	17191	GM_M16_B1_F02	GM_M16_B1_F02_MR
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	17193	GM_M16_B1_F04	GM_M16_B1_F04_MR
	17194	GM_M16_B1_F06	GM_M16_B1_F06_MR
	17195	GM_M16_B1_F07	GM_M16_B1_F07_MR
	17196	GM_M16_B1_F08	GM_M16_B1_F08_MR
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	17198	GM_M16_B1_F11	GM_M16_B1_F11_MR
	17199	GM_M16_B1_F12	GM_M16_B1_F12_MR
	17200	GM_M16_B1_G01	GM_M16_B1_G01_MR
	17201	GM_M16_B1_G02	GM_M16_B1_G02_MR
45	17202	GM_M16_B1_G03	GM_M16_B1_G03_MR
	17203	GM_M16_B1_G05	GM_M16_B1_G05_MR
	17204	GM_M16_B1_G06	GM_M16_B1_G06_MR
	17205	GM_M16_B1_G07	GM_M16_B1_G07_MR
	17206	GM_M16_B1_G08	GM_M16_B1_G08_MR
50	17207	GM_M16_B1_G09	GM_M16_B1_G09_MR
	17208	GM_M16_B1_G10	GM_M16_B1_G10_MR
	17209	GM_M16_B1_G11	GM_M16_B1_G11_MR
	17210	GM_M16_B1_G12	GM_M16_B1_G12_MR
	17211	GM_M16_B1_H01	GM_M16_B1_H01_MR
55	17212	GM_M16_B1_H02	GM_M16_B1_H02_MR

	17213	GM_M16_B1_H03		GM_M16_B1_H03_MR
	17214	GM_M16_B1_H04		GM_M16_B1_H04_MR
	17215	GM_M16_B1_H05		GM_M16_B1_H05_MR
	17216	GM_M16_B1_H06		GM_M16_B1_H06_MR
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	17218	GM_M16_B1_H08		GM_M16_B1_H08_MR
	17219	GM_M16_B1_H09		GM_M16_B1_H09_MR
	17220	GM_M16_B1_H10		GM_M16_B1_H10_MR
	17221	GM_M16_B1_H11		GM_M16_B1_H11_MR
10	17222	GM_M16_B1_H12		GM_M16_B1_H12_MR
	17223	GM_M16_B2_A01	GM_M16_B2_A01_MF	
	17224	GM_M16_B2_A01		GM_M16_B2_A01_MR
	17225	GM_M16_B2_A02	GM_M16_B2_A02_MF	
	17226	GM_M16_B2_A02		GM_M16_B2_A02_MR
15	17227	GM_M16_B2_A03		GM_M16_B2_A03_MR
	17228	GM_M16_B2_A04	GM_M16_B2_A04_MF	
	17229	GM_M16_B2_A04		GM_M16_B2_A04_MR
	17230	GM_M16_B2_A05	GM_M16_B2_A05_MF	
	17231	GM_M16_B2_A05		GM_M16_B2_A05_MR
20	17232	GM_M16_B2_A06	GM_M16_B2_A06_MF	
	17233	GM_M16_B2_A06		GM_M16_B2_A06_MR
	17234	GM_M16_B2_A07	GM_M16_B2_A07_MF	
	17235	GM_M16_B2_A07		GM_M16_B2_A07_MR
	17236	GM_M16_B2_A08	GM_M16_B2_A08_MF	
25	17237	GM_M16_B2_A08		GM_M16_B2_A08_MR
	17238	GM_M16_B2_A09		GM_M16_B2_A09_MR
	17239	GM_M16_B2_A10		GM_M16_B2_A10_MR
	17240	GM_M16_B2_A11	GM_M16_B2_A11_MF	
	17241	GM_M16_B2_A11		GM_M16_B2_A11_MR
30	17242	GM_M16_B2_A12	GM_M16_B2_A12_MF	
	17243	GM_M16_B2_A12		GM_M16_B2_A12_MR
	17244	GM_M16_B2_B01	GM_M16_B2_B01_MF	
	17245	GM_M16_B2_B01		GM_M16_B2_B01_MR
	17246	GM_M16_B2_B02	GM_M16_B2_B02_MF	
35	17247	GM_M16_B2_B02		GM_M16_B2_B02_MR
	17248	GM_M16_B2_B03	GM_M16_B2_B03_MF	
	17249	GM_M16_B2_B03		GM_M16_B2_B03_MR
	17250	GM_M16_B2_B04	GM_M16_B2_B04_MF	
	17251	GM_M16_B2_B04		GM_M16_B2_B04_MR
40	17252	GM_M16_B2_B05		GM_M16_B2_B05_MR
	17253	GM_M16_B2_B06	GM_M16_B2_B06_MF	
	17254	GM_M16_B2_B06		GM_M16_B2_B06_MR
	17255	GM_M16_B2_B07	GM_M16_B2_B07_MF	
	17256	GM_M16_B2_B07		GM_M16_B2_B07_MR
45	17257	GM_M16_B2_B08	GM_M16_B2_B08_MF	
	17258	GM_M16_B2_B08		GM_M16_B2_B08_MR
	17259	GM_M16_B2_B09	GM_M16_B2_B09_MF	
	17260	GM_M16_B2_B09		GM_M16_B2_B09_MR
	17261	GM_M16_B2_B10	GM_M16_B2_B10_MF	
50	17262	GM_M16_B2_B10		GM_M16_B2_B10_MR
	17263	GM_M16_B2_B11	GM_M16_B2_B11_MF	
	17264	GM_M16_B2_B11		GM_M16_B2_B11_MR
	17265	GM_M16_B2_B12	GM_M16_B2_B12_MF	
	17266	GM_M16_B2_B12		GM_M16_B2_B12_MR
55	17267	GM_M16_B2_C01	GM_M16_B2_C01_MF	

	17268	GM_M16_B2_C01		GM_M16_B2_C01_MR
	17269	GM_M16_B2_C02	GM_M16_B2_C02_MF	
	17270	GM_M16_B2_C02		GM_M16_B2_C02_MR
	17271	GM_M16_B2_C03	GM_M16_B2_C03_MF	
5	17272	GM_M16_B2_C03		GM_M16_B2_C03_MR
	17273	GM_M16_B2_C05	GM_M16_B2_C05_MF	
	17274	GM_M16_B2_C05		GM_M16_B2_C05_MR
	17275	GM_M16_B2_C06	GM_M16_B2_C06_MF	
	17276	GM_M16_B2_C06		GM_M16_B2_C06_MR
10	17277	GM_M16_B2_C07	GM_M16_B2_C07_MF	
	17278	GM_M16_B2_C07		GM_M16_B2_C07_MR
	17279	GM_M16_B2_C09	GM_M16_B2_C09_MF	
	17280	GM_M16_B2_C09		GM_M16_B2_C09_MR
	17281	GM_M16_B2_C10	GM_M16_B2_C10_MF	
15	17282	GM_M16_B2_C10		GM_M16_B2_C10_MR
	17283	GM_M16_B2_C11	GM_M16_B2_C11_MF	
	17284	GM_M16_B2_C11		GM_M16_B2_C11_MR
	17285	GM_M16_B2_C12	GM_M16_B2_C12_MF	
	17286	GM_M16_B2_C12		GM_M16_B2_C12_MR
20	17287	GM_M16_B2_D01	GM_M16_B2_D01_MF	
	17288	GM_M16_B2_D01		GM_M16_B2_D01_MR
	17289	GM_M16_B2_D02	GM_M16_B2_D02_MF	
	17290	GM_M16_B2_D02		GM_M16_B2_D02_MR
	17291	GM_M16_B2_D03	GM_M16_B2_D03_MF	
25	17292	GM_M16_B2_D03		GM_M16_B2_D03_MR
	17293	GM_M16_B2_D04	GM_M16_B2_D04_MF	
	17294	GM_M16_B2_D04		GM_M16_B2_D04_MR
	17295	GM_M16_B2_D05	GM_M16_B2_D05_MF	
	17296	GM_M16_B2_D05		GM_M16_B2_D05_MR
30	17297	GM_M16_B2_D06	GM_M16_B2_D06_MF	
	17298	GM_M16_B2_D06		GM_M16_B2_D06_MR
	17299	GM_M16_B2_D07		GM_M16_B2_D07_MR
	17300	GM_M16_B2_D08	GM_M16_B2_D08_MF	
	17301	GM_M16_B2_D08		GM_M16_B2_D08_MR
35	17302	GM_M16_B2_D09	GM_M16_B2_D09_MF	
	17303	GM_M16_B2_D09		GM_M16_B2_D09_MR
	17304	GM_M16_B2_D10	GM_M16_B2_D10_MF	
	17305	GM_M16_B2_D10		GM_M16_B2_D10_MR
	17306	GM_M16_B2_D11		GM_M16_B2_D11_MR
40	17307	GM_M16_B2_D12	GM_M16_B2_D12_MF	
	17308	GM_M16_B2_D12		GM_M16_B2_D12_MR
	17309	GM_M16_B2_E01	GM_M16_B2_E01_MF	
	17310	GM_M16_B2_E01		GM_M16_B2_E01_MR
	17311	GM_M16_B2_E02		GM_M16_B2_E02_MR
45	17312	GM_M16_B2_E03	GM_M16_B2_E03_MF	
	17313	GM_M16_B2_E03		GM_M16_B2_E03_MR
	17314	GM_M16_B2_E04	GM_M16_B2_E04_MF	
	17315	GM_M16_B2_E04		GM_M16_B2_E04_MR
	17316	GM_M16_B2_E05	GM_M16_B2_E05_MF	
50	17317	GM_M16_B2_E05		GM_M16_B2_E05_MR
	17318	GM_M16_B2_E06		GM_M16_B2_E06_MR
	17319	GM_M16_B2_E07		GM_M16_B2_E07_MR
	17320	GM_M16_B2_E08		GM_M16_B2_E08_MR
	17321	GM_M16_B2_E09	GM_M16_B2_E09_MF	
55	17322	GM_M16_B2_E09		GM_M16_B2_E09_MR

5	17323	GM_M16_B2_E10	GM_M16_B2_E10_MF	
	17324	GM_M16_B2_E10		GM_M16_B2_E10_MR
	17325	GM_M16_B2_E11		GM_M16_B2_E11_MR
	17326	GM_M16_B2_E12	GM_M16_B2_E12_MF	
	17327	GM_M16_B2_E12		GM_M16_B2_E12_MR
10	17328	GM_M16_B2_F01	GM_M16_B2_F01_MF	
	17329	GM_M16_B2_F01		GM_M16_B2_F01_MR
	17330	GM_M16_B2_F02	GM_M16_B2_F02_MF	
	17331	GM_M16_B2_F02		GM_M16_B2_F02_MR
	17332	GM_M16_B2_F03	GM_M16_B2_F03_MF	
15	17333	GM_M16_B2_F03		GM_M16_B2_F03_MR
	17334	GM_M16_B2_F04	GM_M16_B2_F04_MF	
	17335	GM_M16_B2_F04		GM_M16_B2_F04_MR
	17336	GM_M16_B2_F05	GM_M16_B2_F05_MF	
	17337	GM_M16_B2_F05		GM_M16_B2_F05_MR
20	17338	GM_M16_B2_F06		GM_M16_B2_F06_MR
	17339	GM_M16_B2_F07		GM_M16_B2_F07_MR
	17340	GM_M16_B2_F08	GM_M16_B2_F08_MF	
	17341	GM_M16_B2_F08		GM_M16_B2_F08_MR
	17342	GM_M16_B2_F09	GM_M16_B2_F09_MF	
25	17343	GM_M16_B2_F09		GM_M16_B2_F09_MR
	17344	GM_M16_B2_F10	GM_M16_B2_F10_MF	
	17345	GM_M16_B2_F10		GM_M16_B2_F10_MR
	17346	GM_M16_B2_F11	GM_M16_B2_F11_MF	
	17347	GM_M16_B2_F11		GM_M16_B2_F11_MR
30	17348	GM_M16_B2_F12	GM_M16_B2_F12_MF	
	17349	GM_M16_B2_F12		GM_M16_B2_F12_MR
	17350	GM_M16_B2_G01	GM_M16_B2_G01_MF	
	17351	GM_M16_B2_G01		GM_M16_B2_G01_MR
	17352	GM_M16_B2_G02		GM_M16_B2_G02_MR
35	17353	GM_M16_B2_G04	GM_M16_B2_G04_MF	
	17354	GM_M16_B2_G04		GM_M16_B2_G04_MR
	17355	GM_M16_B2_G05	GM_M16_B2_G05_MF	
	17356	GM_M16_B2_G05		GM_M16_B2_G05_MR
	17357	GM_M16_B2_G06	GM_M16_B2_G06_MF	
40	17358	GM_M16_B2_G06		GM_M16_B2_G06_MR
	17359	GM_M16_B2_G07	GM_M16_B2_G07_MF	
	17360	GM_M16_B2_G07		GM_M16_B2_G07_MR
	17361	GM_M16_B2_G08	GM_M16_B2_G08_MF	
	17362	GM_M16_B2_G08		GM_M16_B2_G08_MR
45	17363	GM_M16_B2_G09	GM_M16_B2_G09_MF	
	17364	GM_M16_B2_G09		GM_M16_B2_G09_MR
	17365	GM_M16_B2_G10	GM_M16_B2_G10_MF	
	17366	GM_M16_B2_G10		GM_M16_B2_G10_MR
	17367	GM_M16_B2_G11	GM_M16_B2_G11_MF	
50	17368	GM_M16_B2_G11		GM_M16_B2_G11_MR
	17369	GM_M16_B2_G12	GM_M16_B2_G12_MF	
	17370	GM_M16_B2_G12		GM_M16_B2_G12_MR
	17371	GM_M16_B2_H01	GM_M16_B2_H01_MF	
	17372	GM_M16_B2_H01		GM_M16_B2_H01_MR
55	17373	GM_M16_B2_H02	GM_M16_B2_H02_MF	
	17374	GM_M16_B2_H02		GM_M16_B2_H02_MR
	17375	GM_M16_B2_H03	GM_M16_B2_H03_MF	
	17376	GM_M16_B2_H03		GM_M16_B2_H03_MR
	17377	GM_M16_B2_H04	GM_M16_B2_H04_MF	

	17378	GM_M16_B2_H04		GM_M16_B2_H04_MR
	17379	GM_M16_B2_H05	GM_M16_B2_H05_MF	
	17380	GM_M16_B2_H05		GM_M16_B2_H05_MR
	17381	GM_M16_B2_H06	GM_M16_B2_H06_MF	
5	17382	GM_M16_B2_H06		GM_M16_B2_H06_MR
	17383	GM_M16_B2_H07	GM_M16_B2_H07_MF	
	17384	GM_M16_B2_H07		GM_M16_B2_H07_MR
	17385	GM_M16_B2_H08	GM_M16_B2_H08_MF	
	17386	GM_M16_B2_H08		GM_M16_B2_H08_MR
10	17387	GM_M16_B2_H09	GM_M16_B2_H09_MF	
	17388	GM_M16_B2_H09		GM_M16_B2_H09_MR
	17389	GM_M16_B2_H10	GM_M16_B2_H10_MF	
	17390	GM_M16_B2_H10		GM_M16_B2_H10_MR
	17391	GM_M16_B2_H11	GM_M16_B2_H11_MF	
15	17392	GM_M16_B2_H11		GM_M16_B2_H11_MR
	17393	GM_M16_B2_H12	GM_M16_B2_H12_MF	
	17394	GM_M16_B2_H12		GM_M16_B2_H12_MR
	17395	GM_M17_A2_A01	GM_M17_A2_A01_MF	
	17396	GM_M17_A2_A02	GM_M17_A2_A02_MF	
20	17397	GM_M17_A2_A02		GM_M17_A2_A02_MR
	17398	GM_M17_A2_A03	GM_M17_A2_A03_MF	
	17399	GM_M17_A2_A03		GM_M17_A2_A03_MR
	17400	GM_M17_A2_A04	GM_M17_A2_A04_MF	
	17401	GM_M17_A2_A05	GM_M17_A2_A05_MF	
25	17402	GM_M17_A2_A05		GM_M17_A2_A05_MR
	17403	GM_M17_A2_A06	GM_M17_A2_A06_MF	
	17404	GM_M17_A2_A07	GM_M17_A2_A07_MF	
	17405	GM_M17_A2_A07		GM_M17_A2_A07_MR
	17406	GM_M17_A2_A08	GM_M17_A2_A08_MF	
30	17407	GM_M17_A2_A08		GM_M17_A2_A08_MR
	17408	GM_M17_A2_A09	GM_M17_A2_A09_MF	
	17409	GM_M17_A2_A09		GM_M17_A2_A09_MR
	17410	GM_M17_A2_A10	GM_M17_A2_A10_MF	
	17411	GM_M17_A2_A10		GM_M17_A2_A10_MR
35	17412	GM_M17_A2_A11	GM_M17_A2_A11_MF	
	17413	GM_M17_A2_A11		GM_M17_A2_A11_MR
	17414	GM_M17_A2_A12	GM_M17_A2_A12_MF	
	17415	GM_M17_A2_A12		GM_M17_A2_A12_MR
	17416	GM_M17_A2_B01	GM_M17_A2_B01_MF	
40	17417	GM_M17_A2_B01		GM_M17_A2_B01_MR
	17418	GM_M17_A2_B02	GM_M17_A2_B02_MF	
	17419	GM_M17_A2_B02		GM_M17_A2_B02_MR
	17420	GM_M17_A2_B03	GM_M17_A2_B03_MF	
	17421	GM_M17_A2_B03		GM_M17_A2_B03_MR
45	17422	GM_M17_A2_B04	GM_M17_A2_B04_MF	
	17423	GM_M17_A2_B04		GM_M17_A2_B04_MR
	17424	GM_M17_A2_B05	GM_M17_A2_B05_MF	
	17425	GM_M17_A2_B05		GM_M17_A2_B05_MR
	17426	GM_M17_A2_B06	GM_M17_A2_B06_MF	
50	17427	GM_M17_A2_B06		GM_M17_A2_B06_MR
	17428	GM_M17_A2_B07	GM_M17_A2_B07_MF	
	17429	GM_M17_A2_B07		GM_M17_A2_B07_MR
	17430	GM_M17_A2_B08	GM_M17_A2_B08_MF	
	17431	GM_M17_A2_B08		GM_M17_A2_B08_MR
55	17432	GM_M17_A2_B09	GM_M17_A2_B09_MF	

	17433	GM_M17_A2_B09		GM_M17_A2_B09_MR
	17434	GM_M17_A2_B10	GM_M17_A2_B10_MF	
	17435	GM_M17_A2_B10		GM_M17_A2_B10_MR
	17436	GM_M17_A2_B11	GM_M17_A2_B11_MF	
5	17437	GM_M17_A2_B11		GM_M17_A2_B11_MR
	17438	GM_M17_A2_B12	GM_M17_A2_B12_MF	
	17439	GM_M17_A2_B12		GM_M17_A2_B12_MR
	17440	GM_M17_A2_C01	GM_M17_A2_C01_MF	
	17441	GM_M17_A2_C01		GM_M17_A2_C01_MR
10	17442	GM_M17_A2_C02	GM_M17_A2_C02_MF	
	17443	GM_M17_A2_C02		GM_M17_A2_C02_MR
	17444	GM_M17_A2_C03	GM_M17_A2_C03_MF	
	17445	GM_M17_A2_C03		GM_M17_A2_C03_MR
	17446	GM_M17_A2_C04	GM_M17_A2_C04_MF	
15	17447	GM_M17_A2_C04		GM_M17_A2_C04_MR
	17448	GM_M17_A2_C05	GM_M17_A2_C05_MF	
	17449	GM_M17_A2_C05		GM_M17_A2_C05_MR
	17450	GM_M17_A2_C06	GM_M17_A2_C06_MF	
	17451	GM_M17_A2_C06		GM_M17_A2_C06_MR
20	17452	GM_M17_A2_C07	GM_M17_A2_C07_MF	
	17453	GM_M17_A2_C07		GM_M17_A2_C07_MR
	17454	GM_M17_A2_C08	GM_M17_A2_C08_MF	
	17455	GM_M17_A2_C08		GM_M17_A2_C08_MR
	17456	GM_M17_A2_C09	GM_M17_A2_C09_MF	
25	17457	GM_M17_A2_C09		GM_M17_A2_C09_MR
	17458	GM_M17_A2_C10	GM_M17_A2_C10_MF	
	17459	GM_M17_A2_C10		GM_M17_A2_C10_MR
	17460	GM_M17_A2_C11	GM_M17_A2_C11_MF	
	17461	GM_M17_A2_C11		GM_M17_A2_C11_MR
30	17462	GM_M17_A2_C12	GM_M17_A2_C12_MF	
	17463	GM_M17_A2_C12		GM_M17_A2_C12_MR
	17464	GM_M17_A2_D01	GM_M17_A2_D01_MF	
	17465	GM_M17_A2_D01		GM_M17_A2_D01_MR
	17466	GM_M17_A2_D02	GM_M17_A2_D02_MF	
35	17467	GM_M17_A2_D02		GM_M17_A2_D02_MR
	17468	GM_M17_A2_D03	GM_M17_A2_D03_MF	
	17469	GM_M17_A2_D03		GM_M17_A2_D03_MR
	17470	GM_M17_A2_D04	GM_M17_A2_D04_MF	
	17471	GM_M17_A2_D04		GM_M17_A2_D04_MR
40	17472	GM_M17_A2_D05	GM_M17_A2_D05_MF	
	17473	GM_M17_A2_D05		GM_M17_A2_D05_MR
	17474	GM_M17_A2_D06	GM_M17_A2_D06_MF	
	17475	GM_M17_A2_D06		GM_M17_A2_D06_MR
	17476	GM_M17_A2_D07	GM_M17_A2_D07_MF	
45	17477	GM_M17_A2_D07		GM_M17_A2_D07_MR
	17478	GM_M17_A2_D08	GM_M17_A2_D08_MF	
	17479	GM_M17_A2_D08		GM_M17_A2_D08_MR
	17480	GM_M17_A2_D09	GM_M17_A2_D09_MF	
	17481	GM_M17_A2_D09		GM_M17_A2_D09_MR
50	17482	GM_M17_A2_D10	GM_M17_A2_D10_MF	
	17483	GM_M17_A2_D10		GM_M17_A2_D10_MR
	17484	GM_M17_A2_D11	GM_M17_A2_D11_MF	
	17485	GM_M17_A2_D11		GM_M17_A2_D11_MR
	17486	GM_M17_A2_D12	GM_M17_A2_D12_MF	
55	17487	GM_M17_A2_D12		GM_M17_A2_D12_MR

	17488	GM_M17_A2_E02	GM_M17_A2_E02_MF	
	17489	GM_M17_A2_E02		GM_M17_A2_E02_MR
	17490	GM_M17_A2_E03	GM_M17_A2_E03_MF	
	17491	GM_M17_A2_E03		GM_M17_A2_E03_MR
5	17492	GM_M17_A2_E04	GM_M17_A2_E04_MF	
	17493	GM_M17_A2_E04		GM_M17_A2_E04_MR
	17494	GM_M17_A2_E05	GM_M17_A2_E05_MF	
	17495	GM_M17_A2_E05		GM_M17_A2_E05_MR
	17496	GM_M17_A2_E06	GM_M17_A2_E06_MF	
10	17497	GM_M17_A2_E06		GM_M17_A2_E06_MR
	17498	GM_M17_A2_E07	GM_M17_A2_E07_MF	
	17499	GM_M17_A2_E07		GM_M17_A2_E07_MR
	17500	GM_M17_A2_E08	GM_M17_A2_E08_MF	
	17501	GM_M17_A2_E08		GM_M17_A2_E08_MR
15	17502	GM_M17_A2_E09	GM_M17_A2_E09_MF	
	17503	GM_M17_A2_E09		GM_M17_A2_E09_MR
	17504	GM_M17_A2_E10	GM_M17_A2_E10_MF	
	17505	GM_M17_A2_E10		GM_M17_A2_E10_MR
	17506	GM_M17_A2_E11	GM_M17_A2_E11_MF	
20	17507	GM_M17_A2_E11		GM_M17_A2_E11_MR
	17508	GM_M17_A2_E12	GM_M17_A2_E12_MF	
	17509	GM_M17_A2_E12		GM_M17_A2_E12_MR
	17510	GM_M17_A2_F01	GM_M17_A2_F01_MF	
	17511	GM_M17_A2_F01		GM_M17_A2_F01_MR
25	17512	GM_M17_A2_F02	GM_M17_A2_F02_MF	
	17513	GM_M17_A2_F02		GM_M17_A2_F02_MR
	17514	GM_M17_A2_F03	GM_M17_A2_F03_MF	
	17515	GM_M17_A2_F03		GM_M17_A2_F03_MR
	17516	GM_M17_A2_F04	GM_M17_A2_F04_MF	
30	17517	GM_M17_A2_F04		GM_M17_A2_F04_MR
	17518	GM_M17_A2_F05	GM_M17_A2_F05_MF	
	17519	GM_M17_A2_F05		GM_M17_A2_F05_MR
	17520	GM_M17_A2_F06	GM_M17_A2_F06_MF	
	17521	GM_M17_A2_F06		GM_M17_A2_F06_MR
35	17522	GM_M17_A2_F07	GM_M17_A2_F07_MF	
	17523	GM_M17_A2_F07		GM_M17_A2_F07_MR
	17524	GM_M17_A2_F08	GM_M17_A2_F08_MF	
	17525	GM_M17_A2_F08		GM_M17_A2_F08_MR
	17526	GM_M17_A2_F09	GM_M17_A2_F09_MF	
40	17527	GM_M17_A2_F09		GM_M17_A2_F09_MR
	17528	GM_M17_A2_F10	GM_M17_A2_F10_MF	
	17529	GM_M17_A2_F10		GM_M17_A2_F10_MR
	17530	GM_M17_A2_F11	GM_M17_A2_F11_MF	
	17531	GM_M17_A2_F11		GM_M17_A2_F11_MR
45	17532	GM_M17_A2_F12	GM_M17_A2_F12_MF	
	17533	GM_M17_A2_F12		GM_M17_A2_F12_MR
	17534	GM_M17_A2_G01	GM_M17_A2_G01_MF	
	17535	GM_M17_A2_G01		GM_M17_A2_G01_MR
	17536	GM_M17_A2_G02	GM_M17_A2_G02_MF	
50	17537	GM_M17_A2_G02		GM_M17_A2_G02_MR
	17538	GM_M17_A2_G03	GM_M17_A2_G03_MF	
	17539	GM_M17_A2_G03		GM_M17_A2_G03_MR
	17540	GM_M17_A2_G04	GM_M17_A2_G04_MF	
	17541	GM_M17_A2_G04		GM_M17_A2_G04_MR
55	17542	GM_M17_A2_G05	GM_M17_A2_G05_MF	

	17543	GM_M17_A2_G05		GM_M17_A2_G05_MR
	17544	GM_M17_A2_G06	GM_M17_A2_G06_MF	
	17545	GM_M17_A2_G06		GM_M17_A2_G06_MR
	17546	GM_M17_A2_G07	GM_M17_A2_G07_MF	
5	17547	GM_M17_A2_G07		GM_M17_A2_G07_MR
	17548	GM_M17_A2_G08	GM_M17_A2_G08_MF	
	17549	GM_M17_A2_G08		GM_M17_A2_G08_MR
	17550	GM_M17_A2_G09	GM_M17_A2_G09_MF	
	17551	GM_M17_A2_G09		GM_M17_A2_G09_MR
10	17552	GM_M17_A2_G10	GM_M17_A2_G10_MF	
	17553	GM_M17_A2_G10		GM_M17_A2_G10_MR
	17554	GM_M17_A2_G11	GM_M17_A2_G11_MF	
	17555	GM_M17_A2_G11		GM_M17_A2_G11_MR
	17556	GM_M17_A2_G12	GM_M17_A2_G12_MF	
15	17557	GM_M17_A2_G12		GM_M17_A2_G12_MR
	17558	GM_M17_A2_H01	GM_M17_A2_H01_MF	
	17559	GM_M17_A2_H01		GM_M17_A2_H01_MR
	17560	GM_M17_A2_H02	GM_M17_A2_H02_MF	
	17561	GM_M17_A2_H02		GM_M17_A2_H02_MR
20	17562	GM_M17_A2_H03	GM_M17_A2_H03_MF	
	17563	GM_M17_A2_H03		GM_M17_A2_H03_MR
	17564	GM_M17_A2_H04	GM_M17_A2_H04_MF	
	17565	GM_M17_A2_H04		GM_M17_A2_H04_MR
	17566	GM_M17_A2_H05	GM_M17_A2_H05_MF	
25	17567	GM_M17_A2_H05		GM_M17_A2_H05_MR
	17568	GM_M17_A2_H06	GM_M17_A2_H06_MF	
	17569	GM_M17_A2_H06		GM_M17_A2_H06_MR
	17570	GM_M17_A2_H07	GM_M17_A2_H07_MF	
	17571	GM_M17_A2_H07		GM_M17_A2_H07_MR
30	17572	GM_M17_A2_H08	GM_M17_A2_H08_MF	
	17573	GM_M17_A2_H08		GM_M17_A2_H08_MR
	17574	GM_M17_A2_H09	GM_M17_A2_H09_MF	
	17575	GM_M17_A2_H09		GM_M17_A2_H09_MR
	17576	GM_M17_A2_H10	GM_M17_A2_H10_MF	
35	17577	GM_M17_A2_H10		GM_M17_A2_H10_MR
	17578	GM_M17_A2_H11	GM_M17_A2_H11_MF	
	17579	GM_M17_A2_H11		GM_M17_A2_H11_MR
	17580	GM_M17_A2_H12	GM_M17_A2_H12_MF	
	17581	GM_M17_A2_H12		GM_M17_A2_H12_MR
40	17582	GM_M17_B1_A01	GM_M17_B1_A01_MF	
	17583	GM_M17_B1_A01		GM_M17_B1_A01_MR
	17584	GM_M17_B1_A02	GM_M17_B1_A02_MF	
	17585	GM_M17_B1_A02		GM_M17_B1_A02_MR
	17586	GM_M17_B1_A03	GM_M17_B1_A03_MF	
45	17587	GM_M17_B1_A03		GM_M17_B1_A03_MR
	17588	GM_M17_B1_A04	GM_M17_B1_A04_MF	
	17589	GM_M17_B1_A04		GM_M17_B1_A04_MR
	17590	GM_M17_B1_A05	GM_M17_B1_A05_MF	
	17591	GM_M17_B1_A05		GM_M17_B1_A05_MR
50	17592	GM_M17_B1_A06	GM_M17_B1_A06_MF	
	17593	GM_M17_B1_A06		GM_M17_B1_A06_MR
	17594	GM_M17_B1_A07	GM_M17_B1_A07_MF	
	17595	GM_M17_B1_A07		GM_M17_B1_A07_MR
	17596	GM_M17_B1_A08	GM_M17_B1_A08_MF	
55	17597	GM_M17_B1_A08		GM_M17_B1_A08_MR

	17598	GM_M17_B1_A09	GM_M17_B1_A09_MF	
	17599	GM_M17_B1_A09		GM_M17_B1_A09_MR
	17600	GM_M17_B1_A10	GM_M17_B1_A10_MF	
	17601	GM_M17_B1_A10		GM_M17_B1_A10_MR
5	17602	GM_M17_B1_A11	GM_M17_B1_A11_MF	
	17603	GM_M17_B1_A11		GM_M17_B1_A11_MR
	17604	GM_M17_B1_A12		GM_M17_B1_A12_MR
	17605	GM_M17_B1_B01	GM_M17_B1_B01_MF	
	17606	GM_M17_B1_B01		GM_M17_B1_B01_MR
10	17607	GM_M17_B1_B02	GM_M17_B1_B02_MF	
	17608	GM_M17_B1_B02		GM_M17_B1_B02_MR
	17609	GM_M17_B1_B03	GM_M17_B1_B03_MF	
	17610	GM_M17_B1_B03		GM_M17_B1_B03_MR
	17611	GM_M17_B1_B04	GM_M17_B1_B04_MF	
15	17612	GM_M17_B1_B04		GM_M17_B1_B04_MR
	17613	GM_M17_B1_B05	GM_M17_B1_B05_MF	
	17614	GM_M17_B1_B06	GM_M17_B1_B06_MF	
	17615	GM_M17_B1_B06		GM_M17_B1_B06_MR
	17616	GM_M17_B1_B07	GM_M17_B1_B07_MF	
20	17617	GM_M17_B1_B07		GM_M17_B1_B07_MR
	17618	GM_M17_B1_B08	GM_M17_B1_B08_MF	
	17619	GM_M17_B1_B08		GM_M17_B1_B08_MR
	17620	GM_M17_B1_B09	GM_M17_B1_B09_MF	
	17621	GM_M17_B1_B09		GM_M17_B1_B09_MR
25	17622	GM_M17_B1_B10	GM_M17_B1_B10_MF	
	17623	GM_M17_B1_B10		GM_M17_B1_B10_MR
	17624	GM_M17_B1_B11	GM_M17_B1_B11_MF	
	17625	GM_M17_B1_B11		GM_M17_B1_B11_MR
	17626	GM_M17_B1_B12	GM_M17_B1_B12_MF	
30	17627	GM_M17_B1_C01	GM_M17_B1_C01_MF	
	17628	GM_M17_B1_C02	GM_M17_B1_C02_MF	
	17629	GM_M17_B1_C02		GM_M17_B1_C02_MR
	17630	GM_M17_B1_C03	GM_M17_B1_C03_MF	
	17631	GM_M17_B1_C04	GM_M17_B1_C04_MF	
35	17632	GM_M17_B1_C05	GM_M17_B1_C05_MF	
	17633	GM_M17_B1_C06	GM_M17_B1_C06_MF	
	17634	GM_M17_B1_C07	GM_M17_B1_C07_MF	
	17635	GM_M17_B1_C08	GM_M17_B1_C08_MF	
	17636	GM_M17_B1_C09	GM_M17_B1_C09_MF	
40	17637	GM_M17_B1_C10	GM_M17_B1_C10_MF	
	17638	GM_M17_B1_C11	GM_M17_B1_C11_MF	
	17639	GM_M17_B1_C12	GM_M17_B1_C12_MF	
	17640	GM_M17_B1_C12		GM_M17_B1_C12_MR
	17641	GM_M17_B1_D01	GM_M17_B1_D01_MF	
45	17642	GM_M17_B1_D02	GM_M17_B1_D02_MF	
	17643	GM_M17_B1_D02		GM_M17_B1_D02_MR
	17644	GM_M17_B1_D03	GM_M17_B1_D03_MF	
	17645	GM_M17_B1_D04	GM_M17_B1_D04_MF	
	17646	GM_M17_B1_D05	GM_M17_B1_D05_MF	
50	17647	GM_M17_B1_D06	GM_M17_B1_D06_MF	
	17648	GM_M17_B1_D07	GM_M17_B1_D07_MF	
	17649	GM_M17_B1_D08	GM_M17_B1_D08_MF	
	17650	GM_M17_B1_D09	GM_M17_B1_D09_MF	
	17651	GM_M17_B1_D10	GM_M17_B1_D10_MF	
55	17652	GM_M17_B1_D11	GM_M17_B1_D11_MF	

	17653	GM_M17_B1_D12	GM_M17_B1_D12_MF	
	17654	GM_M17_B1_E01	GM_M17_B1_E01_MF	
	17655	GM_M17_B1_E01		GM_M17_B1_E01_MR
	17656	GM_M17_B1_E02	GM_M17_B1_E02_MF	
5	17657	GM_M17_B1_E02		GM_M17_B1_E02_MR
	17658	GM_M17_B1_E03	GM_M17_B1_E03_MF	
	17659	GM_M17_B1_E03		GM_M17_B1_E03_MR
	17660	GM_M17_B1_E04	GM_M17_B1_E04_MF	
	17661	GM_M17_B1_E04		GM_M17_B1_E04_MR
10	17662	GM_M17_B1_E05	GM_M17_B1_E05_MF	
	17663	GM_M17_B1_E05		GM_M17_B1_E05_MR
	17664	GM_M17_B1_E06	GM_M17_B1_E06_MF	
	17665	GM_M17_B1_E06		GM_M17_B1_E06_MR
	17666	GM_M17_B1_E07	GM_M17_B1_E07_MF	
15	17667	GM_M17_B1_E07		GM_M17_B1_E07_MR
	17668	GM_M17_B1_E08	GM_M17_B1_E08_MF	
	17669	GM_M17_B1_E08		GM_M17_B1_E08_MR
	17670	GM_M17_B1_E09	GM_M17_B1_E09_MF	
	17671	GM_M17_B1_E09		GM_M17_B1_E09_MR
20	17672	GM_M17_B1_E10	GM_M17_B1_E10_MF	
	17673	GM_M17_B1_E10		GM_M17_B1_E10_MR
	17674	GM_M17_B1_E11	GM_M17_B1_E11_MF	
	17675	GM_M17_B1_E11		GM_M17_B1_E11_MR
	17676	GM_M17_B1_E12	GM_M17_B1_E12_MF	
25	17677	GM_M17_B1_E12		GM_M17_B1_E12_MR
	17678	GM_M17_B1_F01	GM_M17_B1_F01_MF	
	17679	GM_M17_B1_F01		GM_M17_B1_F01_MR
	17680	GM_M17_B1_F02	GM_M17_B1_F02_MF	
	17681	GM_M17_B1_F02		GM_M17_B1_F02_MR
30	17682	GM_M17_B1_F03	GM_M17_B1_F03_MF	
	17683	GM_M17_B1_F03		GM_M17_B1_F03_MR
	17684	GM_M17_B1_F04	GM_M17_B1_F04_MF	
	17685	GM_M17_B1_F04		GM_M17_B1_F04_MR
	17686	GM_M17_B1_F05	GM_M17_B1_F05_MF	
35	17687	GM_M17_B1_F05		GM_M17_B1_F05_MR
	17688	GM_M17_B1_F06	GM_M17_B1_F06_MF	
	17689	GM_M17_B1_F06		GM_M17_B1_F06_MR
	17690	GM_M17_B1_F07	GM_M17_B1_F07_MF	
	17691	GM_M17_B1_F07		GM_M17_B1_F07_MR
40	17692	GM_M17_B1_F09	GM_M17_B1_F09_MF	
	17693	GM_M17_B1_F09		GM_M17_B1_F09_MR
	17694	GM_M17_B1_F10	GM_M17_B1_F10_MF	
	17695	GM_M17_B1_F10		GM_M17_B1_F10_MR
	17696	GM_M17_B1_F11	GM_M17_B1_F11_MF	
45	17697	GM_M17_B1_F11		GM_M17_B1_F11_MR
	17698	GM_M17_B1_F12	GM_M17_B1_F12_MF	
	17699	GM_M17_B1_F12		GM_M17_B1_F12_MR
	17700	GM_M17_B1_G01	GM_M17_B1_G01_MF	
	17701	GM_M17_B1_G01		GM_M17_B1_G01_MR
50	17702	GM_M17_B1_G02	GM_M17_B1_G02_MF	
	17703	GM_M17_B1_G03	GM_M17_B1_G03_MF	
	17704	GM_M17_B1_G04	GM_M17_B1_G04_MF	
	17705	GM_M17_B1_G05	GM_M17_B1_G05_MF	
	17706	GM_M17_B1_G06	GM_M17_B1_G06_MF	
55	17707	GM_M17_B1_G07	GM_M17_B1_G07_MF	

5	17708	GM_M17_B1_G08	GM_M17_B1_G08_MF	GM_M17_B1_G08_MR
	17709	GM_M17_B1_G08		
	17710	GM_M17_B1_G09	GM_M17_B1_G09_MF	
	17711	GM_M17_B1_G10	GM_M17_B1_G10_MF	
	17712	GM_M17_B1_G11	GM_M17_B1_G11_MF	
10	17713	GM_M17_B1_G11		GM_M17_B1_G11_MR
	17714	GM_M17_B1_G12	GM_M17_B1_G12_MF	
	17715	GM_M17_B1_G12		
	17716	GM_M17_B1_H01	GM_M17_B1_H01_MF	
	17717	GM_M17_B1_H02	GM_M17_B1_H02_MF	
15	17718	GM_M17_B1_H03	GM_M17_B1_H03_MF	GM_M17_B1_H05_MR
	17719	GM_M17_B1_H04	GM_M17_B1_H04_MF	
	17720	GM_M17_B1_H05	GM_M17_B1_H05_MF	
	17721	GM_M17_B1_H05		
	17722	GM_M17_B1_H06	GM_M17_B1_H06_MF	
20	17723	GM_M17_B1_H07	GM_M17_B1_H07_MF	GM_M17_B1_H08_MR
	17724	GM_M17_B1_H08	GM_M17_B1_H08_MF	
	17725	GM_M17_B1_H08		
	17726	GM_M17_B1_H09	GM_M17_B1_H09_MF	
	17727	GM_M17_B1_H10	GM_M17_B1_H10_MF	
25	17728	GM_M17_B1_H11	GM_M17_B1_H11_MF	GM_M17_B2_A01_MR
	17729	GM_M17_B1_H12	GM_M17_B1_H12_MF	
	17730	GM_M17_B2_A01	GM_M17_B2_A01_MF	
	17731	GM_M17_B2_A01		
	17732	GM_M17_B2_A02	GM_M17_B2_A02_MF	
30	17733	GM_M17_B2_A02		GM_M17_B2_A02_MR
	17734	GM_M17_B2_A03	GM_M17_B2_A03_MF	
	17735	GM_M17_B2_A03		
	17736	GM_M17_B2_A04	GM_M17_B2_A04_MF	
	17737	GM_M17_B2_A04		
35	17738	GM_M17_B2_A05	GM_M17_B2_A05_MF	GM_M17_B2_A05_MR
	17739	GM_M17_B2_A05		
	17740	GM_M17_B2_A06	GM_M17_B2_A06_MF	
	17741	GM_M17_B2_A06		
	17742	GM_M17_B2_A07	GM_M17_B2_A07_MF	
40	17743	GM_M17_B2_A07		GM_M17_B2_A07_MR
	17744	GM_M17_B2_A08	GM_M17_B2_A08_MF	
	17745	GM_M17_B2_A08		
	17746	GM_M17_B2_A09	GM_M17_B2_A09_MF	
	17747	GM_M17_B2_A09		
45	17748	GM_M17_B2_A10	GM_M17_B2_A10_MF	GM_M17_B2_A10_MR
	17749	GM_M17_B2_A10		
	17750	GM_M17_B2_A11	GM_M17_B2_A11_MF	
	17751	GM_M17_B2_A11		
	17752	GM_M17_B2_A12	GM_M17_B2_A12_MF	
50	17753	GM_M17_B2_A12		GM_M17_B2_A12_MR
	17754	GM_M17_B2_B01	GM_M17_B2_B01_MF	
	17755	GM_M17_B2_B01		
	17756	GM_M17_B2_B03	GM_M17_B2_B03_MF	
	17757	GM_M17_B2_B03		
55	17758	GM_M17_B2_B04	GM_M17_B2_B04_MF	GM_M17_B2_B04_MR
	17759	GM_M17_B2_B04		
	17760	GM_M17_B2_B05	GM_M17_B2_B05_MF	
	17761	GM_M17_B2_B05		
	17762	GM_M17_B2_B06	GM_M17_B2_B06_MF	

	17763	GM_M17_B2_B06		GM_M17_B2_B06_MR
	17764	GM_M17_B2_B07	GM_M17_B2_B07_MF	
	17765	GM_M17_B2_B07		GM_M17_B2_B07_MR
	17766	GM_M17_B2_B08	GM_M17_B2_B08_MF	
5	17767	GM_M17_B2_B08		GM_M17_B2_B08_MR
	17768	GM_M17_B2_B09	GM_M17_B2_B09_MF	
	17769	GM_M17_B2_B09		GM_M17_B2_B09_MR
	17770	GM_M17_B2_B10	GM_M17_B2_B10_MF	
	17771	GM_M17_B2_B10		GM_M17_B2_B10_MR
10	17772	GM_M17_B2_B11	GM_M17_B2_B11_MF	
	17773	GM_M17_B2_B11		GM_M17_B2_B11_MR
	17774	GM_M17_B2_B12	GM_M17_B2_B12_MF	
	17775	GM_M17_B2_B12		GM_M17_B2_B12_MR
	17776	GM_M17_B2_C01	GM_M17_B2_C01_MF	
15	17777	GM_M17_B2_C01		GM_M17_B2_C01_MR
	17778	GM_M17_B2_C02	GM_M17_B2_C02_MF	
	17779	GM_M17_B2_C02		GM_M17_B2_C02_MR
	17780	GM_M17_B2_C03	GM_M17_B2_C03_MF	
	17781	GM_M17_B2_C03		GM_M17_B2_C03_MR
20	17782	GM_M17_B2_C04	GM_M17_B2_C04_MF	
	17783	GM_M17_B2_C04		GM_M17_B2_C04_MR
	17784	GM_M17_B2_C05	GM_M17_B2_C05_MF	
	17785	GM_M17_B2_C05		GM_M17_B2_C05_MR
	17786	GM_M17_B2_C06	GM_M17_B2_C06_MF	
25	17787	GM_M17_B2_C06		GM_M17_B2_C06_MR
	17788	GM_M17_B2_C07	GM_M17_B2_C07_MF	
	17789	GM_M17_B2_C07		GM_M17_B2_C07_MR
	17790	GM_M17_B2_C08	GM_M17_B2_C08_MF	
	17791	GM_M17_B2_C08		GM_M17_B2_C08_MR
30	17792	GM_M17_B2_C09	GM_M17_B2_C09_MF	
	17793	GM_M17_B2_C09		GM_M17_B2_C09_MR
	17794	GM_M17_B2_C10	GM_M17_B2_C10_MF	
	17795	GM_M17_B2_C10		GM_M17_B2_C10_MR
	17796	GM_M17_B2_C11	GM_M17_B2_C11_MF	
35	17797	GM_M17_B2_C11		GM_M17_B2_C11_MR
	17798	GM_M17_B2_C12	GM_M17_B2_C12_MF	
	17799	GM_M17_B2_C12		GM_M17_B2_C12_MR
	17800	GM_M17_B2_D01	GM_M17_B2_D01_MF	
	17801	GM_M17_B2_D01		GM_M17_B2_D01_MR
40	17802	GM_M17_B2_D02	GM_M17_B2_D02_MF	
	17803	GM_M17_B2_D02		GM_M17_B2_D02_MR
	17804	GM_M17_B2_D03	GM_M17_B2_D03_MF	
	17805	GM_M17_B2_D03		GM_M17_B2_D03_MR
	17806	GM_M17_B2_D04	GM_M17_B2_D04_MF	
45	17807	GM_M17_B2_D04		GM_M17_B2_D04_MR
	17808	GM_M17_B2_D05	GM_M17_B2_D05_MF	
	17809	GM_M17_B2_D05		GM_M17_B2_D05_MR
	17810	GM_M17_B2_D06	GM_M17_B2_D06_MF	
	17811	GM_M17_B2_D06		GM_M17_B2_D06_MR
50	17812	GM_M17_B2_D07	GM_M17_B2_D07_MF	
	17813	GM_M17_B2_D07		GM_M17_B2_D07_MR
	17814	GM_M17_B2_D08	GM_M17_B2_D08_MF	
	17815	GM_M17_B2_D08		GM_M17_B2_D08_MR
	17816	GM_M17_B2_D09	GM_M17_B2_D09_MF	
55	17817	GM_M17_B2_D09		GM_M17_B2_D09_MR

	17818	GM_M17_B2_D10	GM_M17_B2_D10_MF	
	17819	GM_M17_B2_D10		GM_M17_B2_D10_MR
	17820	GM_M17_B2_D11	GM_M17_B2_D11_MF	
	17821	GM_M17_B2_D11		GM_M17_B2_D11_MR
5	17822	GM_M17_B2_D12	GM_M17_B2_D12_MF	
	17823	GM_M17_B2_D12		GM_M17_B2_D12_MR
	17824	GM_M17_B2_E01	GM_M17_B2_E01_MF	
	17825	GM_M17_B2_E01		GM_M17_B2_E01_MR
	17826	GM_M17_B2_E02	GM_M17_B2_E02_MF	
10	17827	GM_M17_B2_E02		GM_M17_B2_E02_MR
	17828	GM_M17_B2_E03	GM_M17_B2_E03_MF	
	17829	GM_M17_B2_E03		GM_M17_B2_E03_MR
	17830	GM_M17_B2_E04	GM_M17_B2_E04_MF	
	17831	GM_M17_B2_E04		GM_M17_B2_E04_MR
15	17832	GM_M17_B2_E05	GM_M17_B2_E05_MF	
	17833	GM_M17_B2_E05		GM_M17_B2_E05_MR
	17834	GM_M17_B2_E06	GM_M17_B2_E06_MF	
	17835	GM_M17_B2_E06		GM_M17_B2_E06_MR
	17836	GM_M17_B2_E07	GM_M17_B2_E07_MF	
20	17837	GM_M17_B2_E07		GM_M17_B2_E07_MR
	17838	GM_M17_B2_E08	GM_M17_B2_E08_MF	
	17839	GM_M17_B2_E08		GM_M17_B2_E08_MR
	17840	GM_M17_B2_E09	GM_M17_B2_E09_MF	
	17841	GM_M17_B2_E09		GM_M17_B2_E09_MR
25	17842	GM_M17_B2_E10	GM_M17_B2_E10_MF	
	17843	GM_M17_B2_E10		GM_M17_B2_E10_MR
	17844	GM_M17_B2_E11	GM_M17_B2_E11_MF	
	17845	GM_M17_B2_E11		GM_M17_B2_E11_MR
	17846	GM_M17_B2_E12	GM_M17_B2_E12_MF	
30	17847	GM_M17_B2_E12		GM_M17_B2_E12_MR
	17848	GM_M17_B2_F01	GM_M17_B2_F01_MF	
	17849	GM_M17_B2_F01		GM_M17_B2_F01_MR
	17850	GM_M17_B2_F02	GM_M17_B2_F02_MF	
	17851	GM_M17_B2_F02		GM_M17_B2_F02_MR
35	17852	GM_M17_B2_F03	GM_M17_B2_F03_MF	
	17853	GM_M17_B2_F03		GM_M17_B2_F03_MR
	17854	GM_M17_B2_F04	GM_M17_B2_F04_MF	
	17855	GM_M17_B2_F04		GM_M17_B2_F04_MR
	17856	GM_M17_B2_F05	GM_M17_B2_F05_MF	
40	17857	GM_M17_B2_F05		GM_M17_B2_F05_MR
	17858	GM_M17_B2_F06	GM_M17_B2_F06_MF	
	17859	GM_M17_B2_F06		GM_M17_B2_F06_MR
	17860	GM_M17_B2_F07	GM_M17_B2_F07_MF	
	17861	GM_M17_B2_F07		GM_M17_B2_F07_MR
45	17862	GM_M17_B2_F08	GM_M17_B2_F08_MF	
	17863	GM_M17_B2_F08		GM_M17_B2_F08_MR
	17864	GM_M17_B2_F09	GM_M17_B2_F09_MF	
	17865	GM_M17_B2_F09		GM_M17_B2_F09_MR
	17866	GM_M17_B2_F10	GM_M17_B2_F10_MF	
50	17867	GM_M17_B2_F10		GM_M17_B2_F10_MR
	17868	GM_M17_B2_F11	GM_M17_B2_F11_MF	
	17869	GM_M17_B2_F11		GM_M17_B2_F11_MR
	17870	GM_M17_B2_F12	GM_M17_B2_F12_MF	
	17871	GM_M17_B2_F12		GM_M17_B2_F12_MR
55	17872	GM_M17_B2_G01	GM_M17_B2_G01_MF	

	17873	GM_M17_B2_G01		GM_M17_B2_G01_MR
	17874	GM_M17_B2_G02	GM_M17_B2_G02_MF	
	17875	GM_M17_B2_G02		GM_M17_B2_G02_MR
	17876	GM_M17_B2_G03	GM_M17_B2_G03_MF	
5	17877	GM_M17_B2_G03		GM_M17_B2_G03_MR
	17878	GM_M17_B2_G04	GM_M17_B2_G04_MF	
	17879	GM_M17_B2_G04		GM_M17_B2_G04_MR
	17880	GM_M17_B2_G05	GM_M17_B2_G05_MF	
	17881	GM_M17_B2_G05		GM_M17_B2_G05_MR
10	17882	GM_M17_B2_G06	GM_M17_B2_G06_MF	
	17883	GM_M17_B2_G06		GM_M17_B2_G06_MR
	17884	GM_M17_B2_G07	GM_M17_B2_G07_MF	
	17885	GM_M17_B2_G07		GM_M17_B2_G07_MR
	17886	GM_M17_B2_G08	GM_M17_B2_G08_MF	
15	17887	GM_M17_B2_G08		GM_M17_B2_G08_MR
	17888	GM_M17_B2_G09	GM_M17_B2_G09_MF	
	17889	GM_M17_B2_G09		GM_M17_B2_G09_MR
	17890	GM_M17_B2_G10	GM_M17_B2_G10_MF	
	17891	GM_M17_B2_G10		GM_M17_B2_G10_MR
20	17892	GM_M17_B2_G11	GM_M17_B2_G11_MF	
	17893	GM_M17_B2_G11		GM_M17_B2_G11_MR
	17894	GM_M17_B2_G12	GM_M17_B2_G12_MF	
	17895	GM_M17_B2_G12		GM_M17_B2_G12_MR
	17896	GM_M17_B2_H01	GM_M17_B2_H01_MF	
25	17897	GM_M17_B2_H01		GM_M17_B2_H01_MR
	17898	GM_M17_B2_H02	GM_M17_B2_H02_MF	
	17899	GM_M17_B2_H02		GM_M17_B2_H02_MR
	17900	GM_M17_B2_H03	GM_M17_B2_H03_MF	
	17901	GM_M17_B2_H03		GM_M17_B2_H03_MR
30	17902	GM_M17_B2_H04	GM_M17_B2_H04_MF	
	17903	GM_M17_B2_H04		GM_M17_B2_H04_MR
	17904	GM_M17_B2_H05	GM_M17_B2_H05_MF	
	17905	GM_M17_B2_H05		GM_M17_B2_H05_MR
	17906	GM_M17_B2_H06	GM_M17_B2_H06_MF	
35	17907	GM_M17_B2_H06		GM_M17_B2_H06_MR
	17908	GM_M17_B2_H07	GM_M17_B2_H07_MF	
	17909	GM_M17_B2_H07		GM_M17_B2_H07_MR
	17910	GM_M17_B2_H08	GM_M17_B2_H08_MF	
	17911	GM_M17_B2_H08		GM_M17_B2_H08_MR
40	17912	GM_M17_B2_H09	GM_M17_B2_H09_MF	
	17913	GM_M17_B2_H09		GM_M17_B2_H09_MR
	17914	GM_M17_B2_H10	GM_M17_B2_H10_MF	
	17915	GM_M17_B2_H10		GM_M17_B2_H10_MR
	17916	GM_M17_B2_H11	GM_M17_B2_H11_MF	
45	17917	GM_M17_B2_H11		GM_M17_B2_H11_MR
	17918	GM_M17_B2_H12	GM_M17_B2_H12_MF	
	17919	GM_M17_B2_H12		GM_M17_B2_H12_MR
	17920	GM_M18_A1_A01	GM_M18_A1_A01_MF	
	17921	GM_M18_A1_A01		GM_M18_A1_A01_MR
50	17922	GM_M18_A1_A02	GM_M18_A1_A02_MF	
	17923	GM_M18_A1_A02		GM_M18_A1_A02_MR
	17924	GM_M18_A1_A03	GM_M18_A1_A03_MF	
	17925	GM_M18_A1_A03		GM_M18_A1_A03_MR
	17926	GM_M18_A1_A04	GM_M18_A1_A04_MF	
55	17927	GM_M18_A1_A04		GM_M18_A1_A04_MR

	17928	GM_M18_A1_A05	GM_M18_A1_A05_MF	
	17929	GM_M18_A1_A05		GM_M18_A1_A05_MR
	17930	GM_M18_A1_A06		GM_M18_A1_A06_MR
	17931	GM_M18_A1_A07	GM_M18_A1_A07_MF	
5	17932	GM_M18_A1_A07		GM_M18_A1_A07_MR
	17933	GM_M18_A1_A08	GM_M18_A1_A08_MF	
	17934	GM_M18_A1_A08		GM_M18_A1_A08_MR
	17935	GM_M18_A1_A09	GM_M18_A1_A09_MF	
	17936	GM_M18_A1_A09		GM_M18_A1_A09_MR
10	17937	GM_M18_A1_A10	GM_M18_A1_A10_MF	
	17938	GM_M18_A1_A10		GM_M18_A1_A10_MR
	17939	GM_M18_A1_A11	GM_M18_A1_A11_MF	
	17940	GM_M18_A1_A11		GM_M18_A1_A11_MR
	17941	GM_M18_A1_A12	GM_M18_A1_A12_MF	
15	17942	GM_M18_A1_A12		GM_M18_A1_A12_MR
	17943	GM_M18_A1_B01	GM_M18_A1_B01_MF	
	17944	GM_M18_A1_B01		GM_M18_A1_B01_MR
	17945	GM_M18_A1_B02	GM_M18_A1_B02_MF	
	17946	GM_M18_A1_B02		GM_M18_A1_B02_MR
20	17947	GM_M18_A1_B03	GM_M18_A1_B03_MF	
	17948	GM_M18_A1_B03		GM_M18_A1_B03_MR
	17949	GM_M18_A1_B04	GM_M18_A1_B04_MF	
	17950	GM_M18_A1_B04		GM_M18_A1_B04_MR
	17951	GM_M18_A1_B05	GM_M18_A1_B05_MF	
25	17952	GM_M18_A1_B05		GM_M18_A1_B05_MR
	17953	GM_M18_A1_B06	GM_M18_A1_B06_MF	
	17954	GM_M18_A1_B06		GM_M18_A1_B06_MR
	17955	GM_M18_A1_B07	GM_M18_A1_B07_MF	
	17956	GM_M18_A1_B07		GM_M18_A1_B07_MR
30	17957	GM_M18_A1_B08	GM_M18_A1_B08_MF	
	17958	GM_M18_A1_B08		GM_M18_A1_B08_MR
	17959	GM_M18_A1_B09	GM_M18_A1_B09_MF	
	17960	GM_M18_A1_B09		GM_M18_A1_B09_MR
	17961	GM_M18_A1_B10		GM_M18_A1_B10_MR
35	17962	GM_M18_A1_B11	GM_M18_A1_B11_MF	
	17963	GM_M18_A1_B11		GM_M18_A1_B11_MR
	17964	GM_M18_A1_B12	GM_M18_A1_B12_MF	
	17965	GM_M18_A1_B12		GM_M18_A1_B12_MR
	17966	GM_M18_A1_C01	GM_M18_A1_C01_MF	
40	17967	GM_M18_A1_C01		GM_M18_A1_C01_MR
	17968	GM_M18_A1_C02	GM_M18_A1_C02_MF	
	17969	GM_M18_A1_C02		GM_M18_A1_C02_MR
	17970	GM_M18_A1_C03	GM_M18_A1_C03_MF	
	17971	GM_M18_A1_C03		GM_M18_A1_C03_MR
45	17972	GM_M18_A1_C04	GM_M18_A1_C04_MF	
	17973	GM_M18_A1_C04		GM_M18_A1_C04_MR
	17974	GM_M18_A1_C05	GM_M18_A1_C05_MF	
	17975	GM_M18_A1_C05		GM_M18_A1_C05_MR
	17976	GM_M18_A1_C06	GM_M18_A1_C06_MF	
50	17977	GM_M18_A1_C06		GM_M18_A1_C06_MR
	17978	GM_M18_A1_C07	GM_M18_A1_C07_MF	
	17979	GM_M18_A1_C07		GM_M18_A1_C07_MR
	17980	GM_M18_A1_C08	GM_M18_A1_C08_MF	
	17981	GM_M18_A1_C08		GM_M18_A1_C08_MR
55	17982	GM_M18_A1_C09	GM_M18_A1_C09_MF	

	17983	GM_M18_A1_C09		GM_M18_A1_C09_MR
	17984	GM_M18_A1_C10	GM_M18_A1_C10_MF	
	17985	GM_M18_A1_C10		GM_M18_A1_C10_MR
	17986	GM_M18_A1_C11	GM_M18_A1_C11_MF	
5	17987	GM_M18_A1_C11		GM_M18_A1_C11_MR
	17988	GM_M18_A1_C12	GM_M18_A1_C12_MF	
	17989	GM_M18_A1_C12		GM_M18_A1_C12_MR
	17990	GM_M18_A1_D01	GM_M18_A1_D01_MF	
	17991	GM_M18_A1_D01		GM_M18_A1_D01_MR
10	17992	GM_M18_A1_D02	GM_M18_A1_D02_MF	
	17993	GM_M18_A1_D02		GM_M18_A1_D02_MR
	17994	GM_M18_A1_D03	GM_M18_A1_D03_MF	
	17995	GM_M18_A1_D03		GM_M18_A1_D03_MR
	17996	GM_M18_A1_D04	GM_M18_A1_D04_MF	
15	17997	GM_M18_A1_D04		GM_M18_A1_D04_MR
	17998	GM_M18_A1_D05	GM_M18_A1_D05_MF	
	17999	GM_M18_A1_D05		GM_M18_A1_D05_MR
	18000	GM_M18_A1_D06	GM_M18_A1_D06_MF	
	18001	GM_M18_A1_D06		GM_M18_A1_D06_MR
20	18002	GM_M18_A1_D07	GM_M18_A1_D07_MF	
	18003	GM_M18_A1_D07		GM_M18_A1_D07_MR
	18004	GM_M18_A1_D08	GM_M18_A1_D08_MF	
	18005	GM_M18_A1_D08		GM_M18_A1_D08_MR
	18006	GM_M18_A1_D09	GM_M18_A1_D09_MF	
25	18007	GM_M18_A1_D09		GM_M18_A1_D09_MR
	18008	GM_M18_A1_D10	GM_M18_A1_D10_MF	
	18009	GM_M18_A1_D10		GM_M18_A1_D10_MR
	18010	GM_M18_A1_D11	GM_M18_A1_D11_MF	
	18011	GM_M18_A1_D11		GM_M18_A1_D11_MR
30	18012	GM_M18_A1_D12	GM_M18_A1_D12_MF	
	18013	GM_M18_A1_D12		GM_M18_A1_D12_MR
	18014	GM_M18_A1_E01	GM_M18_A1_E01_MF	
	18015	GM_M18_A1_E01		GM_M18_A1_E01_MR
	18016	GM_M18_A1_E02	GM_M18_A1_E02_MF	
35	18017	GM_M18_A1_E02		GM_M18_A1_E02_MR
	18018	GM_M18_A1_E03	GM_M18_A1_E03_MF	
	18019	GM_M18_A1_E03		GM_M18_A1_E03_MR
	18020	GM_M18_A1_E04	GM_M18_A1_E04_MF	
	18021	GM_M18_A1_E04		GM_M18_A1_E04_MR
40	18022	GM_M18_A1_E05	GM_M18_A1_E05_MF	
	18023	GM_M18_A1_E05		GM_M18_A1_E05_MR
	18024	GM_M18_A1_E06	GM_M18_A1_E06_MF	
	18025	GM_M18_A1_E06		GM_M18_A1_E06_MR
	18026	GM_M18_A1_E07	GM_M18_A1_E07_MF	
45	18027	GM_M18_A1_E07		GM_M18_A1_E07_MR
	18028	GM_M18_A1_E08	GM_M18_A1_E08_MF	
	18029	GM_M18_A1_E08		GM_M18_A1_E08_MR
	18030	GM_M18_A1_E09	GM_M18_A1_E09_MF	
	18031	GM_M18_A1_E09		GM_M18_A1_E09_MR
50	18032	GM_M18_A1_E10		GM_M18_A1_E10_MR
	18033	GM_M18_A1_E11		GM_M18_A1_E11_MR
	18034	GM_M18_A1_E12	GM_M18_A1_E12_MF	
	18035	GM_M18_A1_E12		GM_M18_A1_E12_MR
	18036	GM_M18_A1_F01	GM_M18_A1_F01_MF	
55	18037	GM_M18_A1_F01		GM_M18_A1_F01_MR

	18038	GM_M18_A1_F02	GM_M18_A1_F02_MF	
	18039	GM_M18_A1_F02		GM_M18_A1_F02_MR
	18040	GM_M18_A1_F03	GM_M18_A1_F03_MF	
	18041	GM_M18_A1_F03		GM_M18_A1_F03_MR
5	18042	GM_M18_A1_F04	GM_M18_A1_F04_MF	
	18043	GM_M18_A1_F04		GM_M18_A1_F04_MR
	18044	GM_M18_A1_F05	GM_M18_A1_F05_MF	
	18045	GM_M18_A1_F05		GM_M18_A1_F05_MR
	18046	GM_M18_A1_F06	GM_M18_A1_F06_MF	
10	18047	GM_M18_A1_F06		GM_M18_A1_F06_MR
	18048	GM_M18_A1_F07	GM_M18_A1_F07_MF	
	18049	GM_M18_A1_F07		GM_M18_A1_F07_MR
	18050	GM_M18_A1_F08	GM_M18_A1_F08_MF	
	18051	GM_M18_A1_F08		GM_M18_A1_F08_MR
15	18052	GM_M18_A1_F09	GM_M18_A1_F09_MF	
	18053	GM_M18_A1_F09		GM_M18_A1_F09_MR
	18054	GM_M18_A1_F10	GM_M18_A1_F10_MF	
	18055	GM_M18_A1_F10		GM_M18_A1_F10_MR
	18056	GM_M18_A1_F11	GM_M18_A1_F11_MF	
20	18057	GM_M18_A1_F11		GM_M18_A1_F11_MR
	18058	GM_M18_A1_F12	GM_M18_A1_F12_MF	
	18059	GM_M18_A1_F12		GM_M18_A1_F12_MR
	18060	GM_M18_A1_G01	GM_M18_A1_G01_MF	
	18061	GM_M18_A1_G01		GM_M18_A1_G01_MR
25	18062	GM_M18_A1_G02		GM_M18_A1_G02_MR
	18063	GM_M18_A1_G03	GM_M18_A1_G03_MF	
	18064	GM_M18_A1_G03		GM_M18_A1_G03_MR
	18065	GM_M18_A1_G04	GM_M18_A1_G04_MF	
	18066	GM_M18_A1_G04		GM_M18_A1_G04_MR
30	18067	GM_M18_A1_G05	GM_M18_A1_G05_MF	
	18068	GM_M18_A1_G05		GM_M18_A1_G05_MR
	18069	GM_M18_A1_G06	GM_M18_A1_G06_MF	
	18070	GM_M18_A1_G06		GM_M18_A1_G06_MR
	18071	GM_M18_A1_G07	GM_M18_A1_G07_MF	
35	18072	GM_M18_A1_G07		GM_M18_A1_G07_MR
	18073	GM_M18_A1_G08	GM_M18_A1_G08_MF	
	18074	GM_M18_A1_G08		GM_M18_A1_G08_MR
	18075	GM_M18_A1_G09	GM_M18_A1_G09_MF	
	18076	GM_M18_A1_G09		GM_M18_A1_G09_MR
40	18077	GM_M18_A1_G10	GM_M18_A1_G10_MF	
	18078	GM_M18_A1_G10		GM_M18_A1_G10_MR
	18079	GM_M18_A1_G11	GM_M18_A1_G11_MF	
	18080	GM_M18_A1_G11		GM_M18_A1_G11_MR
	18081	GM_M18_A1_G12	GM_M18_A1_G12_MF	
45	18082	GM_M18_A1_G12		GM_M18_A1_G12_MR
	18083	GM_M18_A1_H01	GM_M18_A1_H01_MF	
	18084	GM_M18_A1_H01		GM_M18_A1_H01_MR
	18085	GM_M18_A1_H02	GM_M18_A1_H02_MF	
	18086	GM_M18_A1_H02		GM_M18_A1_H02_MR
50	18087	GM_M18_A1_H03	GM_M18_A1_H03_MF	
	18088	GM_M18_A1_H03		GM_M18_A1_H03_MR
	18089	GM_M18_A1_H04	GM_M18_A1_H04_MF	
	18090	GM_M18_A1_H04		GM_M18_A1_H04_MR
	18091	GM_M18_A1_H05	GM_M18_A1_H05_MF	
55	18092	GM_M18_A1_H05		GM_M18_A1_H05_MR

	18093	GM_M18_A1_H06	GM_M18_A1_H06_MF	
	18094	GM_M18_A1_H06		GM_M18_A1_H06_MR
	18095	GM_M18_A1_H07	GM_M18_A1_H07_MF	
	18096	GM_M18_A1_H07		GM_M18_A1_H07_MR
5	18097	GM_M18_A1_H08	GM_M18_A1_H08_MF	
	18098	GM_M18_A1_H08		GM_M18_A1_H08_MR
	18099	GM_M18_A1_H09	GM_M18_A1_H09_MF	
	18100	GM_M18_A1_H09		GM_M18_A1_H09_MR
	18101	GM_M18_A1_H10	GM_M18_A1_H10_MF	
10	18102	GM_M18_A1_H10		GM_M18_A1_H10_MR
	18103	GM_M18_A1_H11	GM_M18_A1_H11_MF	
	18104	GM_M18_A1_H11		GM_M18_A1_H11_MR
	18105	GM_M18_A1_H12	GM_M18_A1_H12_MF	
	18106	GM_M18_A1_H12		GM_M18_A1_H12_MR
15	18107	GM_M18_A2_A01	GM_M18_A2_A01_MF	
	18108	GM_M18_A2_A01		GM_M18_A2_A01_MR
	18109	GM_M18_A2_A02	GM_M18_A2_A02_MF	
	18110	GM_M18_A2_A02		GM_M18_A2_A02_MR
	18111	GM_M18_A2_A03	GM_M18_A2_A03_MF	
20	18112	GM_M18_A2_A03		GM_M18_A2_A03_MR
	18113	GM_M18_A2_A04	GM_M18_A2_A04_MF	
	18114	GM_M18_A2_A04		GM_M18_A2_A04_MR
	18115	GM_M18_A2_A05		GM_M18_A2_A05_MR
	18116	GM_M18_A2_A06	GM_M18_A2_A06_MF	
25	18117	GM_M18_A2_A06		GM_M18_A2_A06_MR
	18118	GM_M18_A2_A07	GM_M18_A2_A07_MF	
	18119	GM_M18_A2_A08	GM_M18_A2_A08_MF	
	18120	GM_M18_A2_A08		GM_M18_A2_A08_MR
	18121	GM_M18_A2_A10	GM_M18_A2_A10_MF	
30	18122	GM_M18_A2_A10		GM_M18_A2_A10_MR
	18123	GM_M18_A2_A11	GM_M18_A2_A11_MF	
	18124	GM_M18_A2_A11		GM_M18_A2_A11_MR
	18125	GM_M18_A2_A12	GM_M18_A2_A12_MF	
	18126	GM_M18_A2_A12		GM_M18_A2_A12_MR
35	18127	GM_M18_A2_B02	GM_M18_A2_B02_MF	
	18128	GM_M18_A2_B02		GM_M18_A2_B02_MR
	18129	GM_M18_A2_B03	GM_M18_A2_B03_MF	
	18130	GM_M18_A2_B03		GM_M18_A2_B03_MR
	18131	GM_M18_A2_B04	GM_M18_A2_B04_MF	
40	18132	GM_M18_A2_B04		GM_M18_A2_B04_MR
	18133	GM_M18_A2_B05	GM_M18_A2_B05_MF	
	18134	GM_M18_A2_B05		GM_M18_A2_B05_MR
	18135	GM_M18_A2_B06	GM_M18_A2_B06_MF	
	18136	GM_M18_A2_B06		GM_M18_A2_B06_MR
45	18137	GM_M18_A2_B07	GM_M18_A2_B07_MF	
	18138	GM_M18_A2_B07		GM_M18_A2_B07_MR
	18139	GM_M18_A2_B09	GM_M18_A2_B09_MF	
	18140	GM_M18_A2_B09		GM_M18_A2_B09_MR
	18141	GM_M18_A2_B10	GM_M18_A2_B10_MF	
50	18142	GM_M18_A2_B10		GM_M18_A2_B10_MR
	18143	GM_M18_A2_B11	GM_M18_A2_B11_MF	
	18144	GM_M18_A2_B11		GM_M18_A2_B11_MR
	18145	GM_M18_A2_B12	GM_M18_A2_B12_MF	
	18146	GM_M18_A2_B12		GM_M18_A2_B12_MR
55	18147	GM_M18_A2_C01	GM_M18_A2_C01_MF	

	18148	GM_M18_A2_C01		GM_M18_A2_C01_MR
	18149	GM_M18_A2_C02	GM_M18_A2_C02_MF	
	18150	GM_M18_A2_C02		GM_M18_A2_C02_MR
	18151	GM_M18_A2_C03	GM_M18_A2_C03_MF	
5	18152	GM_M18_A2_C03		GM_M18_A2_C03_MR
	18153	GM_M18_A2_C04	GM_M18_A2_C04_MF	
	18154	GM_M18_A2_C04		GM_M18_A2_C04_MR
	18155	GM_M18_A2_C05	GM_M18_A2_C05_MF	
	18156	GM_M18_A2_C05		GM_M18_A2_C05_MR
10	18157	GM_M18_A2_C06	GM_M18_A2_C06_MF	
	18158	GM_M18_A2_C06		GM_M18_A2_C06_MR
	18159	GM_M18_A2_C07		GM_M18_A2_C07_MR
	18160	GM_M18_A2_C08	GM_M18_A2_C08_MF	
	18161	GM_M18_A2_C08		GM_M18_A2_C08_MR
15	18162	GM_M18_A2_C09	GM_M18_A2_C09_MF	
	18163	GM_M18_A2_C09		GM_M18_A2_C09_MR
	18164	GM_M18_A2_C10	GM_M18_A2_C10_MF	
	18165	GM_M18_A2_C10		GM_M18_A2_C10_MR
	18166	GM_M18_A2_C11	GM_M18_A2_C11_MF	
20	18167	GM_M18_A2_C11		GM_M18_A2_C11_MR
	18168	GM_M18_A2_C12	GM_M18_A2_C12_MF	
	18169	GM_M18_A2_C12		GM_M18_A2_C12_MR
	18170	GM_M18_A2_D01	GM_M18_A2_D01_MF	
	18171	GM_M18_A2_D01		GM_M18_A2_D01_MR
25	18172	GM_M18_A2_D02	GM_M18_A2_D02_MF	
	18173	GM_M18_A2_D02		GM_M18_A2_D02_MR
	18174	GM_M18_A2_D03	GM_M18_A2_D03_MF	
	18175	GM_M18_A2_D03		GM_M18_A2_D03_MR
	18176	GM_M18_A2_D04	GM_M18_A2_D04_MF	
30	18177	GM_M18_A2_D04		GM_M18_A2_D04_MR
	18178	GM_M18_A2_D05	GM_M18_A2_D05_MF	
	18179	GM_M18_A2_D05		GM_M18_A2_D05_MR
	18180	GM_M18_A2_D06	GM_M18_A2_D06_MF	
	18181	GM_M18_A2_D06		GM_M18_A2_D06_MR
35	18182	GM_M18_A2_D08	GM_M18_A2_D08_MF	
	18183	GM_M18_A2_D08		GM_M18_A2_D08_MR
	18184	GM_M18_A2_D09	GM_M18_A2_D09_MF	
	18185	GM_M18_A2_D09		GM_M18_A2_D09_MR
	18186	GM_M18_A2_D10	GM_M18_A2_D10_MF	
40	18187	GM_M18_A2_D10		GM_M18_A2_D10_MR
	18188	GM_M18_A2_D11	GM_M18_A2_D11_MF	
	18189	GM_M18_A2_D11		GM_M18_A2_D11_MR
	18190	GM_M18_A2_D12	GM_M18_A2_D12_MF	
	18191	GM_M18_A2_D12		GM_M18_A2_D12_MR
45	18192	GM_M18_A2_E01	GM_M18_A2_E01_MF	
	18193	GM_M18_A2_E01		GM_M18_A2_E01_MR
	18194	GM_M18_A2_E02	GM_M18_A2_E02_MF	
	18195	GM_M18_A2_E02		GM_M18_A2_E02_MR
	18196	GM_M18_A2_E03	GM_M18_A2_E03_MF	
50	18197	GM_M18_A2_E03		GM_M18_A2_E03_MR
	18198	GM_M18_A2_E04	GM_M18_A2_E04_MF	
	18199	GM_M18_A2_E04		GM_M18_A2_E04_MR
	18200	GM_M18_A2_E06	GM_M18_A2_E06_MF	
	18201	GM_M18_A2_E06		GM_M18_A2_E06_MR
55	18202	GM_M18_A2_E10	GM_M18_A2_E10_MF	

	18203	GM_M18_A2_E10		GM_M18_A2_E10_MR
	18204	GM_M18_A2_E11	GM_M18_A2_E11_MF	
	18205	GM_M18_A2_E11		GM_M18_A2_E11_MR
	18206	GM_M18_A2_E12	GM_M18_A2_E12_MF	
5	18207	GM_M18_A2_E12		GM_M18_A2_E12_MR
	18208	GM_M18_A2_F01	GM_M18_A2_F01_MF	
	18209	GM_M18_A2_F01		GM_M18_A2_F01_MR
	18210	GM_M18_A2_F02	GM_M18_A2_F02_MF	
	18211	GM_M18_A2_F02		GM_M18_A2_F02_MR
10	18212	GM_M18_A2_F03	GM_M18_A2_F03_MF	
	18213	GM_M18_A2_F03		GM_M18_A2_F03_MR
	18214	GM_M18_A2_F04	GM_M18_A2_F04_MF	
	18215	GM_M18_A2_F04		GM_M18_A2_F04_MR
	18216	GM_M18_A2_F05	GM_M18_A2_F05_MF	
15	18217	GM_M18_A2_F05		GM_M18_A2_F05_MR
	18218	GM_M18_A2_F06	GM_M18_A2_F06_MF	
	18219	GM_M18_A2_F06		GM_M18_A2_F06_MR
	18220	GM_M18_A2_F07	GM_M18_A2_F07_MF	
	18221	GM_M18_A2_F07		GM_M18_A2_F07_MR
20	18222	GM_M18_A2_F08	GM_M18_A2_F08_MF	
	18223	GM_M18_A2_F08		GM_M18_A2_F08_MR
	18224	GM_M18_A2_F09	GM_M18_A2_F09_MF	
	18225	GM_M18_A2_F09		GM_M18_A2_F09_MR
	18226	GM_M18_A2_F10	GM_M18_A2_F10_MF	
25	18227	GM_M18_A2_F10		GM_M18_A2_F10_MR
	18228	GM_M18_A2_F11	GM_M18_A2_F11_MF	
	18229	GM_M18_A2_F11		GM_M18_A2_F11_MR
	18230	GM_M18_A2_F12	GM_M18_A2_F12_MF	
	18231	GM_M18_A2_F12		GM_M18_A2_F12_MR
30	18232	GM_M18_A2_G01	GM_M18_A2_G01_MF	
	18233	GM_M18_A2_G01		GM_M18_A2_G01_MR
	18234	GM_M18_A2_G02	GM_M18_A2_G02_MF	
	18235	GM_M18_A2_G02		GM_M18_A2_G02_MR
	18236	GM_M18_A2_G03	GM_M18_A2_G03_MF	
35	18237	GM_M18_A2_G03		GM_M18_A2_G03_MR
	18238	GM_M18_A2_G04	GM_M18_A2_G04_MF	
	18239	GM_M18_A2_G04		GM_M18_A2_G04_MR
	18240	GM_M18_A2_G05	GM_M18_A2_G05_MF	
	18241	GM_M18_A2_G05		GM_M18_A2_G05_MR
40	18242	GM_M18_A2_G06	GM_M18_A2_G06_MF	
	18243	GM_M18_A2_G06		GM_M18_A2_G06_MR
	18244	GM_M18_A2_G07	GM_M18_A2_G07_MF	
	18245	GM_M18_A2_G07		GM_M18_A2_G07_MR
	18246	GM_M18_A2_G08	GM_M18_A2_G08_MF	
45	18247	GM_M18_A2_G08		GM_M18_A2_G08_MR
	18248	GM_M18_A2_G09	GM_M18_A2_G09_MF	
	18249	GM_M18_A2_G09		GM_M18_A2_G09_MR
	18250	GM_M18_A2_G10		GM_M18_A2_G10_MR
	18251	GM_M18_A2_G11	GM_M18_A2_G11_MF	
50	18252	GM_M18_A2_G11		GM_M18_A2_G11_MR
	18253	GM_M18_A2_G12	GM_M18_A2_G12_MF	
	18254	GM_M18_A2_G12		GM_M18_A2_G12_MR
	18255	GM_M18_A2_H01	GM_M18_A2_H01_MF	
	18256	GM_M18_A2_H01		GM_M18_A2_H01_MR
55	18257	GM_M18_A2_H02	GM_M18_A2_H02_MF	

	18313	GM_M18_B1_B07	GM_M18_B1_B07_MF	
	18314	GM_M18_B1_B07		GM_M18_B1_B07_MR
	18315	GM_M18_B1_B08	GM_M18_B1_B08_MF	
	18316	GM_M18_B1_B08		GM_M18_B1_B08_MR
5	18317	GM_M18_B1_B09	GM_M18_B1_B09_MF	
	18318	GM_M18_B1_B09		GM_M18_B1_B09_MR
	18319	GM_M18_B1_B10	GM_M18_B1_B10_MF	
	18320	GM_M18_B1_B10		GM_M18_B1_B10_MR
	18321	GM_M18_B1_B11	GM_M18_B1_B11_MF	
10	18322	GM_M18_B1_B12	GM_M18_B1_B12_MF	
	18323	GM_M18_B1_B12		GM_M18_B1_B12_MR
	18324	GM_M18_B1_C01	GM_M18_B1_C01_MF	
	18325	GM_M18_B1_C01		GM_M18_B1_C01_MR
	18326	GM_M18_B1_C02	GM_M18_B1_C02_MF	
15	18327	GM_M18_B1_C02		GM_M18_B1_C02_MR
	18328	GM_M18_B1_C03	GM_M18_B1_C03_MF	
	18329	GM_M18_B1_C03		GM_M18_B1_C03_MR
	18330	GM_M18_B1_C04	GM_M18_B1_C04_MF	
	18331	GM_M18_B1_C04		GM_M18_B1_C04_MR
20	18332	GM_M18_B1_C05	GM_M18_B1_C05_MF	
	18333	GM_M18_B1_C05		GM_M18_B1_C05_MR
	18334	GM_M18_B1_C06	GM_M18_B1_C06_MF	
	18335	GM_M18_B1_C07	GM_M18_B1_C07_MF	
	18336	GM_M18_B1_C07		GM_M18_B1_C07_MR
25	18337	GM_M18_B1_C08	GM_M18_B1_C08_MF	
	18338	GM_M18_B1_C08		GM_M18_B1_C08_MR
	18339	GM_M18_B1_C09	GM_M18_B1_C09_MF	
	18340	GM_M18_B1_C09		GM_M18_B1_C09_MR
	18341	GM_M18_B1_C10	GM_M18_B1_C10_MF	
30	18342	GM_M18_B1_C10		GM_M18_B1_C10_MR
	18343	GM_M18_B1_C11	GM_M18_B1_C11_MF	
	18344	GM_M18_B1_C11		GM_M18_B1_C11_MR
	18345	GM_M18_B1_C12	GM_M18_B1_C12_MF	
	18346	GM_M18_B1_C12		GM_M18_B1_C12_MR
35	18347	GM_M18_B1_D01	GM_M18_B1_D01_MF	
	18348	GM_M18_B1_D01		GM_M18_B1_D01_MR
	18349	GM_M18_B1_D02	GM_M18_B1_D02_MF	
	18350	GM_M18_B1_D02		GM_M18_B1_D02_MR
	18351	GM_M18_B1_D03	GM_M18_B1_D03_MF	
40	18352	GM_M18_B1_D03		GM_M18_B1_D03_MR
	18353	GM_M18_B1_D04	GM_M18_B1_D04_MF	
	18354	GM_M18_B1_D04		GM_M18_B1_D04_MR
	18355	GM_M18_B1_D05	GM_M18_B1_D05_MF	
	18356	GM_M18_B1_D05		GM_M18_B1_D05_MR
45	18357	GM_M18_B1_D06	GM_M18_B1_D06_MF	
	18358	GM_M18_B1_D06		GM_M18_B1_D06_MR
	18359	GM_M18_B1_D07	GM_M18_B1_D07_MF	
	18360	GM_M18_B1_D07		GM_M18_B1_D07_MR
	18361	GM_M18_B1_D08	GM_M18_B1_D08_MF	
50	18362	GM_M18_B1_D08		GM_M18_B1_D08_MR
	18363	GM_M18_B1_D09	GM_M18_B1_D09_MF	
	18364	GM_M18_B1_D09		GM_M18_B1_D09_MR
	18365	GM_M18_B1_D10	GM_M18_B1_D10_MF	
	18366	GM_M18_B1_D10		GM_M18_B1_D10_MR
55	18367	GM_M18_B1_D11	GM_M18_B1_D11_MF	

	18368	GM_M18_B1_D11		GM_M18_B1_D11_MR
	18369	GM_M18_B1_D12	GM_M18_B1_D12_MF	
	18370	GM_M18_B1_D12		GM_M18_B1_D12_MR
	18371	GM_M18_B1_E01	GM_M18_B1_E01_MF	
5	18372	GM_M18_B1_E01		GM_M18_B1_E01_MR
	18373	GM_M18_B1_E02	GM_M18_B1_E02_MF	
	18374	GM_M18_B1_E02		GM_M18_B1_E02_MR
	18375	GM_M18_B1_E03	GM_M18_B1_E03_MF	
	18376	GM_M18_B1_E03		GM_M18_B1_E03_MR
10	18377	GM_M18_B1_E04	GM_M18_B1_E04_MF	
	18378	GM_M18_B1_E04		GM_M18_B1_E04_MR
	18379	GM_M18_B1_E05	GM_M18_B1_E05_MF	
	18380	GM_M18_B1_E05		GM_M18_B1_E05_MR
	18381	GM_M18_B1_E06	GM_M18_B1_E06_MF	
15	18382	GM_M18_B1_E06		GM_M18_B1_E06_MR
	18383	GM_M18_B1_E07	GM_M18_B1_E07_MF	
	18384	GM_M18_B1_E07		GM_M18_B1_E07_MR
	18385	GM_M18_B1_E08	GM_M18_B1_E08_MF	
	18386	GM_M18_B1_E08		GM_M18_B1_E08_MR
20	18387	GM_M18_B1_E09	GM_M18_B1_E09_MF	
	18388	GM_M18_B1_E09		GM_M18_B1_E09_MR
	18389	GM_M18_B1_E10	GM_M18_B1_E10_MF	
	18390	GM_M18_B1_E10		GM_M18_B1_E10_MR
	18391	GM_M18_B1_E11	GM_M18_B1_E11_MF	
25	18392	GM_M18_B1_E11		GM_M18_B1_E11_MR
	18393	GM_M18_B1_E12	GM_M18_B1_E12_MF	
	18394	GM_M18_B1_E12		GM_M18_B1_E12_MR
	18395	GM_M18_B1_F01	GM_M18_B1_F01_MF	
	18396	GM_M18_B1_F01		GM_M18_B1_F01_MR
30	18397	GM_M18_B1_F02	GM_M18_B1_F02_MF	
	18398	GM_M18_B1_F02		GM_M18_B1_F02_MR
	18399	GM_M18_B1_F03	GM_M18_B1_F03_MF	
	18400	GM_M18_B1_F03		GM_M18_B1_F03_MR
	18401	GM_M18_B1_F04	GM_M18_B1_F04_MF	
35	18402	GM_M18_B1_F04		GM_M18_B1_F04_MR
	18403	GM_M18_B1_F05	GM_M18_B1_F05_MF	
	18404	GM_M18_B1_F05		GM_M18_B1_F05_MR
	18405	GM_M18_B1_F06	GM_M18_B1_F06_MF	
	18406	GM_M18_B1_F06		GM_M18_B1_F06_MR
40	18407	GM_M18_B1_F07	GM_M18_B1_F07_MF	
	18408	GM_M18_B1_F07		GM_M18_B1_F07_MR
	18409	GM_M18_B1_F08	GM_M18_B1_F08_MF	
	18410	GM_M18_B1_F08		GM_M18_B1_F08_MR
	18411	GM_M18_B1_F09	GM_M18_B1_F09_MF	
45	18412	GM_M18_B1_F09		GM_M18_B1_F09_MR
	18413	GM_M18_B1_F10	GM_M18_B1_F10_MF	
	18414	GM_M18_B1_F10		GM_M18_B1_F10_MR
	18415	GM_M18_B1_F11	GM_M18_B1_F11_MF	
	18416	GM_M18_B1_F11		GM_M18_B1_F11_MR
50	18417	GM_M18_B1_F12	GM_M18_B1_F12_MF	
	18418	GM_M18_B1_F12		GM_M18_B1_F12_MR
	18419	GM_M18_B1_G01	GM_M18_B1_G01_MF	
	18420	GM_M18_B1_G01		GM_M18_B1_G01_MR
	18421	GM_M18_B1_G02	GM_M18_B1_G02_MF	
55	18422	GM_M18_B1_G02		GM_M18_B1_G02_MR

	18423	GM_M18_B1_G03	GM_M18_B1_G03_MF	
	18424	GM_M18_B1_G03		GM_M18_B1_G03_MR
	18425	GM_M18_B1_G04	GM_M18_B1_G04_MF	
	18426	GM_M18_B1_G04		GM_M18_B1_G04_MR
5	18427	GM_M18_B1_G05	GM_M18_B1_G05_MF	
	18428	GM_M18_B1_G05		GM_M18_B1_G05_MR
	18429	GM_M18_B1_G06	GM_M18_B1_G06_MF	
	18430	GM_M18_B1_G06		GM_M18_B1_G06_MR
	18431	GM_M18_B1_G07	GM_M18_B1_G07_MF	
10	18432	GM_M18_B1_G07		GM_M18_B1_G07_MR
	18433	GM_M18_B1_G08	GM_M18_B1_G08_MF	
	18434	GM_M18_B1_G08		GM_M18_B1_G08_MR
	18435	GM_M18_B1_G09	GM_M18_B1_G09_MF	
	18436	GM_M18_B1_G09		GM_M18_B1_G09_MR
15	18437	GM_M18_B1_G10	GM_M18_B1_G10_MF	
	18438	GM_M18_B1_G10		GM_M18_B1_G10_MR
	18439	GM_M18_B1_G11	GM_M18_B1_G11_MF	
	18440	GM_M18_B1_G11		GM_M18_B1_G11_MR
	18441	GM_M18_B1_G12	GM_M18_B1_G12_MF	
20	18442	GM_M18_B1_G12		GM_M18_B1_G12_MR
	18443	GM_M18_B1_H01	GM_M18_B1_H01_MF	
	18444	GM_M18_B1_H01		GM_M18_B1_H01_MR
	18445	GM_M18_B1_H02	GM_M18_B1_H02_MF	
	18446	GM_M18_B1_H02		GM_M18_B1_H02_MR
25	18447	GM_M18_B1_H03	GM_M18_B1_H03_MF	
	18448	GM_M18_B1_H03		GM_M18_B1_H03_MR
	18449	GM_M18_B1_H04	GM_M18_B1_H04_MF	
	18450	GM_M18_B1_H04		GM_M18_B1_H04_MR
	18451	GM_M18_B1_H05	GM_M18_B1_H05_MF	
30	18452	GM_M18_B1_H05		GM_M18_B1_H05_MR
	18453	GM_M18_B1_H06	GM_M18_B1_H06_MF	
	18454	GM_M18_B1_H06		GM_M18_B1_H06_MR
	18455	GM_M18_B1_H07	GM_M18_B1_H07_MF	
	18456	GM_M18_B1_H07		GM_M18_B1_H07_MR
35	18457	GM_M18_B1_H08	GM_M18_B1_H08_MF	
	18458	GM_M18_B1_H08		GM_M18_B1_H08_MR
	18459	GM_M18_B1_H09	GM_M18_B1_H09_MF	
	18460	GM_M18_B1_H09		GM_M18_B1_H09_MR
	18461	GM_M18_B1_H10	GM_M18_B1_H10_MF	
40	18462	GM_M18_B1_H10		GM_M18_B1_H10_MR
	18463	GM_M18_B1_H11	GM_M18_B1_H11_MF	
	18464	GM_M18_B1_H11		GM_M18_B1_H11_MR
	18465	GM_M18_B1_H12	GM_M18_B1_H12_MF	
	18466	GM_M18_B1_H12		GM_M18_B1_H12_MR
45	18467	GM_M18_B2_A01	GM_M18_B2_A01_MF	
	18468	GM_M18_B2_A02	GM_M18_B2_A02_MF	
	18469	GM_M18_B2_A02		GM_M18_B2_A02_MR
	18470	GM_M18_B2_A03	GM_M18_B2_A03_MF	
	18471	GM_M18_B2_A03		GM_M18_B2_A03_MR
50	18472	GM_M18_B2_A04	GM_M18_B2_A04_MF	
	18473	GM_M18_B2_A04		GM_M18_B2_A04_MR
	18474	GM_M18_B2_A05	GM_M18_B2_A05_MF	
	18475	GM_M18_B2_A05		GM_M18_B2_A05_MR
	18476	GM_M18_B2_A06	GM_M18_B2_A06_MF	
55	18477	GM_M18_B2_A06		GM_M18_B2_A06_MR

	18478	GM_M18_B2_A07	GM_M18_B2_A07_MF	
	18479	GM_M18_B2_A07		GM_M18_B2_A07_MR
	18480	GM_M18_B2_A08	GM_M18_B2_A08_MF	
	18481	GM_M18_B2_A08		GM_M18_B2_A08_MR
5	18482	GM_M18_B2_A09	GM_M18_B2_A09_MF	
	18483	GM_M18_B2_A09		GM_M18_B2_A09_MR
	18484	GM_M18_B2_A10	GM_M18_B2_A10_MF	
	18485	GM_M18_B2_A10		GM_M18_B2_A10_MR
	18486	GM_M18_B2_A11	GM_M18_B2_A11_MF	
10	18487	GM_M18_B2_A12	GM_M18_B2_A12_MF	
	18488	GM_M18_B2_A12		GM_M18_B2_A12_MR
	18489	GM_M18_B2_B01	GM_M18_B2_B01_MF	
	18490	GM_M18_B2_B01		GM_M18_B2_B01_MR
	18491	GM_M18_B2_B02	GM_M18_B2_B02_MF	
15	18492	GM_M18_B2_B02		GM_M18_B2_B02_MR
	18493	GM_M18_B2_B03	GM_M18_B2_B03_MF	
	18494	GM_M18_B2_B03		GM_M18_B2_B03_MR
	18495	GM_M18_B2_B04	GM_M18_B2_B04_MF	
	18496	GM_M18_B2_B04		GM_M18_B2_B04_MR
20	18497	GM_M18_B2_B05	GM_M18_B2_B05_MF	
	18498	GM_M18_B2_B05		GM_M18_B2_B05_MR
	18499	GM_M18_B2_B06	GM_M18_B2_B06_MF	
	18500	GM_M18_B2_B07	GM_M18_B2_B07_MF	
	18501	GM_M18_B2_B07		GM_M18_B2_B07_MR
25	18502	GM_M18_B2_B08	GM_M18_B2_B08_MF	
	18503	GM_M18_B2_B08		GM_M18_B2_B08_MR
	18504	GM_M18_B2_B09	GM_M18_B2_B09_MF	
	18505	GM_M18_B2_B09		GM_M18_B2_B09_MR
	18506	GM_M18_B2_B10	GM_M18_B2_B10_MF	
30	18507	GM_M18_B2_B10		GM_M18_B2_B10_MR
	18508	GM_M18_B2_B11	GM_M18_B2_B11_MF	
	18509	GM_M18_B2_B11		GM_M18_B2_B11_MR
	18510	GM_M18_B2_B12	GM_M18_B2_B12_MF	
	18511	GM_M18_B2_B12		GM_M18_B2_B12_MR
35	18512	GM_M18_B2_C01	GM_M18_B2_C01_MF	
	18513	GM_M18_B2_C02	GM_M18_B2_C02_MF	
	18514	GM_M18_B2_C02		GM_M18_B2_C02_MR
	18515	GM_M18_B2_C03	GM_M18_B2_C03_MF	
	18516	GM_M18_B2_C03		GM_M18_B2_C03_MR
40	18517	GM_M18_B2_C04	GM_M18_B2_C04_MF	
	18518	GM_M18_B2_C04		GM_M18_B2_C04_MR
	18519	GM_M18_B2_C05	GM_M18_B2_C05_MF	
	18520	GM_M18_B2_C05		GM_M18_B2_C05_MR
	18521	GM_M18_B2_C06	GM_M18_B2_C06_MF	
45	18522	GM_M18_B2_C06		GM_M18_B2_C06_MR
	18523	GM_M18_B2_C07	GM_M18_B2_C07_MF	
	18524	GM_M18_B2_C07		GM_M18_B2_C07_MR
	18525	GM_M18_B2_C08	GM_M18_B2_C08_MF	
	18526	GM_M18_B2_C08		GM_M18_B2_C08_MR
50	18527	GM_M18_B2_C09	GM_M18_B2_C09_MF	
	18528	GM_M18_B2_C09		GM_M18_B2_C09_MR
	18529	GM_M18_B2_C10	GM_M18_B2_C10_MF	
	18530	GM_M18_B2_C10		GM_M18_B2_C10_MR
	18531	GM_M18_B2_C11	GM_M18_B2_C11_MF	
55	18532	GM_M18_B2_C11		GM_M18_B2_C11_MR

	18533	GM_M18_B2_C12	GM_M18_B2_C12_MF	
	18534	GM_M18_B2_C12		GM_M18_B2_C12_MR
	18535	GM_M18_B2_D01	GM_M18_B2_D01_MF	
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5	18537	GM_M18_B2_D02	GM_M18_B2_D02_MF	
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	18539	GM_M18_B2_D03	GM_M18_B2_D03_MF	
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	18541	GM_M18_B2_D04	GM_M18_B2_D04_MF	
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	18543	GM_M18_B2_D05	GM_M18_B2_D05_MF	
	18544	GM_M18_B2_D05		GM_M18_B2_D05_MR
	18545	GM_M18_B2_D06	GM_M18_B2_D06_MF	
	18546	GM_M18_B2_D06		GM_M18_B2_D06_MR
15	18547	GM_M18_B2_D07	GM_M18_B2_D07_MF	
	18548	GM_M18_B2_D07		GM_M18_B2_D07_MR
	18549	GM_M18_B2_D08	GM_M18_B2_D08_MF	
	18550	GM_M18_B2_D08		GM_M18_B2_D08_MR
	18551	GM_M18_B2_D09	GM_M18_B2_D09_MF	
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	18554	GM_M18_B2_D10		GM_M18_B2_D10_MR
	18555	GM_M18_B2_D11	GM_M18_B2_D11_MF	
	18556	GM_M18_B2_D11		GM_M18_B2_D11_MR
25	18557	GM_M18_B2_D12	GM_M18_B2_D12_MF	
	18558	GM_M18_B2_D12		GM_M18_B2_D12_MR
	18559	GM_M18_B2_E01	GM_M18_B2_E01_MF	
	18560	GM_M18_B2_E01		GM_M18_B2_E01_MR
	18561	GM_M18_B2_E02	GM_M18_B2_E02_MF	
30	18562	GM_M18_B2_E02		GM_M18_B2_E02_MR
	18563	GM_M18_B2_E03	GM_M18_B2_E03_MF	
	18564	GM_M18_B2_E03		GM_M18_B2_E03_MR
	18565	GM_M18_B2_E04	GM_M18_B2_E04_MF	
	18566	GM_M18_B2_E04		GM_M18_B2_E04_MR
35	18567	GM_M18_B2_E05	GM_M18_B2_E05_MF	
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	18569	GM_M18_B2_E06	GM_M18_B2_E06_MF	
	18570	GM_M18_B2_E06		GM_M18_B2_E06_MR
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	18574	GM_M18_B2_E10	GM_M18_B2_E10_MF	
	18575	GM_M18_B2_E10		GM_M18_B2_E10_MR
	18576	GM_M18_B2_E11	GM_M18_B2_E11_MF	
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	18584	GM_M18_B2_F03	GM_M18_B2_F03_MF	
	18585	GM_M18_B2_F03		GM_M18_B2_F03_MR
	18586	GM_M18_B2_F04	GM_M18_B2_F04_MF	
55	18587	GM_M18_B2_F04		GM_M18_B2_F04_MR

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	18607	GM_M18_B2_G02		
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	18614	GM_M18_B2_G06	GM_M18_B2_G06_MF	
	18615	GM_M18_B2_G06		
	18616	GM_M18_B2_G07	GM_M18_B2_G07_MF	
	18617	GM_M18_B2_G07		
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	18625	GM_M18_B2_G11		
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	18627	GM_M18_B2_G12		
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	18631	GM_M18_B2_H02		
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	18634	GM_M18_B2_H05	GM_M18_B2_H05_MF	
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	18637	GM_M18_B2_H06		
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	18642	GM_M18_B2_H09	GM_M18_B2_H09_MF	

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	18644	GM_M18_B2_H10	GM_M18_B2_H10_MF	
	18645	GM_M18_B2_H10		GM_M18_B2_H10_MR
	18646	GM_M18_B2_H11	GM_M18_B2_H11_MF	
5	18647	GM_M18_B2_H11		GM_M18_B2_H11_MR
	18648	GM_M18_B2_H12	GM_M18_B2_H12_MF	
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	18695	GM_M19_A1_B11		GM_M19_A1_B11_MR
	18696	GM_M19_A1_B12	GM_M19_A1_B12_MF	
55	18697	GM_M19_A1_B12		GM_M19_A1_B12_MR

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	18724	GM_M19_A1_D03	GM_M19_A1_D03_MF	
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	18794	GM_M19_A1_G03	GM_M19_A1_G03_MF	
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	18806	GM_M19_A1_G09	GM_M19_A1_G09_MF	
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	18809	GM_M19_A1_G10		GM_M19_A1_G10_MR
	18810	GM_M19_A1_G11	GM_M19_A1_G11_MF	
	18811	GM_M19_A1_G11		GM_M19_A1_G11_MR
5	18812	GM_M19_A1_G12	GM_M19_A1_G12_MF	
	18813	GM_M19_A1_G12		GM_M19_A1_G12_MR
	18814	GM_M19_A1_H01	GM_M19_A1_H01_MF	
	18815	GM_M19_A1_H01		GM_M19_A1_H01_MR
	18816	GM_M19_A1_H02	GM_M19_A1_H02_MF	
10	18817	GM_M19_A1_H02		GM_M19_A1_H02_MR
	18818	GM_M19_A1_H03	GM_M19_A1_H03_MF	
	18819	GM_M19_A1_H03		GM_M19_A1_H03_MR
	18820	GM_M19_A1_H04	GM_M19_A1_H04_MF	
	18821	GM_M19_A1_H04		GM_M19_A1_H04_MR
15	18822	GM_M19_A1_H05	GM_M19_A1_H05_MF	
	18823	GM_M19_A1_H05		GM_M19_A1_H05_MR
	18824	GM_M19_A1_H06	GM_M19_A1_H06_MF	
	18825	GM_M19_A1_H06		GM_M19_A1_H06_MR
	18826	GM_M19_A1_H07	GM_M19_A1_H07_MF	
20	18827	GM_M19_A1_H07		GM_M19_A1_H07_MR
	18828	GM_M19_A1_H08	GM_M19_A1_H08_MF	
	18829	GM_M19_A1_H08		GM_M19_A1_H08_MR
	18830	GM_M19_A1_H09	GM_M19_A1_H09_MF	
	18831	GM_M19_A1_H09		GM_M19_A1_H09_MR
25	18832	GM_M19_A1_H10	GM_M19_A1_H10_MF	
	18833	GM_M19_A1_H10		GM_M19_A1_H10_MR
	18834	GM_M19_A1_H11	GM_M19_A1_H11_MF	
	18835	GM_M19_A1_H11		GM_M19_A1_H11_MR
	18836	GM_M19_A1_H12	GM_M19_A1_H12_MF	
30	18837	GM_M19_A1_H12		GM_M19_A1_H12_MR
	18838	GM_M19_A2_A01	GM_M19_A2_A01_MF	
	18839	GM_M19_A2_A01		GM_M19_A2_A01_MR
	18840	GM_M19_A2_A03	GM_M19_A2_A03_MF	
	18841	GM_M19_A2_A03		GM_M19_A2_A03_MR
35	18842	GM_M19_A2_A04	GM_M19_A2_A04_MF	
	18843	GM_M19_A2_A04		GM_M19_A2_A04_MR
	18844	GM_M19_A2_A05	GM_M19_A2_A05_MF	
	18845	GM_M19_A2_A05		GM_M19_A2_A05_MR
	18846	GM_M19_A2_A06	GM_M19_A2_A06_MF	
40	18847	GM_M19_A2_A07	GM_M19_A2_A07_MF	
	18848	GM_M19_A2_A07		GM_M19_A2_A07_MR
	18849	GM_M19_A2_A08	GM_M19_A2_A08_MF	
	18850	GM_M19_A2_A08		GM_M19_A2_A08_MR
	18851	GM_M19_A2_A09	GM_M19_A2_A09_MF	
45	18852	GM_M19_A2_A09		GM_M19_A2_A09_MR
	18853	GM_M19_A2_A10		GM_M19_A2_A10_MR
	18854	GM_M19_A2_A11	GM_M19_A2_A11_MF	
	18855	GM_M19_A2_A11		GM_M19_A2_A11_MR
	18856	GM_M19_A2_A12	GM_M19_A2_A12_MF	
50	18857	GM_M19_A2_A12		GM_M19_A2_A12_MR
	18858	GM_M19_A2_B01	GM_M19_A2_B01_MF	
	18859	GM_M19_A2_B01		GM_M19_A2_B01_MR
	18860	GM_M19_A2_B02	GM_M19_A2_B02_MF	
	18861	GM_M19_A2_B02		GM_M19_A2_B02_MR
55	18862	GM_M19_A2_B03	GM_M19_A2_B03_MF	

	18863	GM_M19_A2_B03		GM_M19_A2_B03_MR
	18864	GM_M19_A2_B05	GM_M19_A2_B05_MF	
	18865	GM_M19_A2_B05		GM_M19_A2_B05_MR
	18866	GM_M19_A2_B06	GM_M19_A2_B06_MF	
5	18867	GM_M19_A2_B06		GM_M19_A2_B06_MR
	18868	GM_M19_A2_B07	GM_M19_A2_B07_MF	
	18869	GM_M19_A2_B07		GM_M19_A2_B07_MR
	18870	GM_M19_A2_B08	GM_M19_A2_B08_MF	
	18871	GM_M19_A2_B08		GM_M19_A2_B08_MR
10	18872	GM_M19_A2_B09	GM_M19_A2_B09_MF	
	18873	GM_M19_A2_B09		GM_M19_A2_B09_MR
	18874	GM_M19_A2_B10	GM_M19_A2_B10_MF	
	18875	GM_M19_A2_B10		GM_M19_A2_B10_MR
	18876	GM_M19_A2_B11	GM_M19_A2_B11_MF	
15	18877	GM_M19_A2_B11		GM_M19_A2_B11_MR
	18878	GM_M19_A2_B12	GM_M19_A2_B12_MF	
	18879	GM_M19_A2_B12		GM_M19_A2_B12_MR
	18880	GM_M19_A2_C01	GM_M19_A2_C01_MF	
	18881	GM_M19_A2_C01		GM_M19_A2_C01_MR
20	18882	GM_M19_A2_C02	GM_M19_A2_C02_MF	
	18883	GM_M19_A2_C02		GM_M19_A2_C02_MR
	18884	GM_M19_A2_C03	GM_M19_A2_C03_MF	
	18885	GM_M19_A2_C03		GM_M19_A2_C03_MR
	18886	GM_M19_A2_C04	GM_M19_A2_C04_MF	
25	18887	GM_M19_A2_C04		GM_M19_A2_C04_MR
	18888	GM_M19_A2_C05	GM_M19_A2_C05_MF	
	18889	GM_M19_A2_C05		GM_M19_A2_C05_MR
	18890	GM_M19_A2_C07	GM_M19_A2_C07_MF	
	18891	GM_M19_A2_C07		GM_M19_A2_C07_MR
30	18892	GM_M19_A2_C08	GM_M19_A2_C08_MF	
	18893	GM_M19_A2_C08		GM_M19_A2_C08_MR
	18894	GM_M19_A2_C09	GM_M19_A2_C09_MF	
	18895	GM_M19_A2_C09		GM_M19_A2_C09_MR
	18896	GM_M19_A2_C10	GM_M19_A2_C10_MF	
35	18897	GM_M19_A2_C10		GM_M19_A2_C10_MR
	18898	GM_M19_A2_C11	GM_M19_A2_C11_MF	
	18899	GM_M19_A2_C11		GM_M19_A2_C11_MR
	18900	GM_M19_A2_C12	GM_M19_A2_C12_MF	
	18901	GM_M19_A2_C12		GM_M19_A2_C12_MR
40	18902	GM_M19_A2_D01	GM_M19_A2_D01_MF	
	18903	GM_M19_A2_D01		GM_M19_A2_D01_MR
	18904	GM_M19_A2_D02	GM_M19_A2_D02_MF	
	18905	GM_M19_A2_D02		GM_M19_A2_D02_MR
	18906	GM_M19_A2_D03	GM_M19_A2_D03_MF	
45	18907	GM_M19_A2_D03		GM_M19_A2_D03_MR
	18908	GM_M19_A2_D04	GM_M19_A2_D04_MF	
	18909	GM_M19_A2_D04		GM_M19_A2_D04_MR
	18910	GM_M19_A2_D05	GM_M19_A2_D05_MF	
	18911	GM_M19_A2_D05		GM_M19_A2_D05_MR
50	18912	GM_M19_A2_D06	GM_M19_A2_D06_MF	
	18913	GM_M19_A2_D06		GM_M19_A2_D06_MR
	18914	GM_M19_A2_D07	GM_M19_A2_D07_MF	
	18915	GM_M19_A2_D07		GM_M19_A2_D07_MR
	18916	GM_M19_A2_D08	GM_M19_A2_D08_MF	
55	18917	GM_M19_A2_D08		GM_M19_A2_D08_MR

5	18918	GM_M19_A2_D10	GM_M19_A2_D10_MF	GM_M19_A2_D10_MR
	18919	GM_M19_A2_D10		
	18920	GM_M19_A2_D11	GM_M19_A2_D11_MF	GM_M19_A2_D11_MR
	18921	GM_M19_A2_D11		
	18922	GM_M19_A2_D12	GM_M19_A2_D12_MF	GM_M19_A2_D12_MR
10	18923	GM_M19_A2_D12		
	18924	GM_M19_A2_E01	GM_M19_A2_E01_MF	GM_M19_A2_E01_MR
	18925	GM_M19_A2_E01		
	18926	GM_M19_A2_E03	GM_M19_A2_E03_MF	GM_M19_A2_E03_MR
	18927	GM_M19_A2_E03		
15	18928	GM_M19_A2_E04	GM_M19_A2_E04_MF	GM_M19_A2_E04_MR
	18929	GM_M19_A2_E04		
	18930	GM_M19_A2_E05	GM_M19_A2_E05_MF	GM_M19_A2_E05_MR
	18931	GM_M19_A2_E05		
	18932	GM_M19_A2_E06	GM_M19_A2_E06_MF	GM_M19_A2_E06_MR
20	18933	GM_M19_A2_E06		
	18934	GM_M19_A2_E07	GM_M19_A2_E07_MF	GM_M19_A2_E08_MR
	18935	GM_M19_A2_E08	GM_M19_A2_E08_MF	GM_M19_A2_E09_MR
	18936	GM_M19_A2_E08		
	18937	GM_M19_A2_E09		
25	18938	GM_M19_A2_E10	GM_M19_A2_E10_MF	
	18939	GM_M19_A2_E11	GM_M19_A2_E11_MF	GM_M19_A2_E11_MR
	18940	GM_M19_A2_E11		
	18941	GM_M19_A2_E12	GM_M19_A2_E12_MF	GM_M19_A2_E12_MR
	18942	GM_M19_A2_E12		
30	18943	GM_M19_A2_F01	GM_M19_A2_F01_MF	GM_M19_A2_F01_MR
	18944	GM_M19_A2_F01		
	18945	GM_M19_A2_F02	GM_M19_A2_F02_MF	GM_M19_A2_F02_MR
	18946	GM_M19_A2_F02		
	18947	GM_M19_A2_F03	GM_M19_A2_F03_MF	GM_M19_A2_F03_MR
35	18948	GM_M19_A2_F03		
	18949	GM_M19_A2_F04	GM_M19_A2_F04_MF	GM_M19_A2_F04_MR
	18950	GM_M19_A2_F04		
	18951	GM_M19_A2_F05	GM_M19_A2_F05_MF	GM_M19_A2_F05_MR
	18952	GM_M19_A2_F05		
40	18953	GM_M19_A2_F06	GM_M19_A2_F06_MF	GM_M19_A2_F06_MR
	18954	GM_M19_A2_F06		
	18955	GM_M19_A2_F07	GM_M19_A2_F07_MF	GM_M19_A2_F07_MR
	18956	GM_M19_A2_F07		
	18957	GM_M19_A2_F08	GM_M19_A2_F08_MF	GM_M19_A2_F08_MR
45	18958	GM_M19_A2_F08		
	18959	GM_M19_A2_F09	GM_M19_A2_F09_MF	GM_M19_A2_F09_MR
	18960	GM_M19_A2_F09		
	18961	GM_M19_A2_F10	GM_M19_A2_F10_MF	GM_M19_A2_F10_MR
	18962	GM_M19_A2_F10		
50	18963	GM_M19_A2_F11	GM_M19_A2_F11_MF	GM_M19_A2_F11_MR
	18964	GM_M19_A2_F11		
	18965	GM_M19_A2_F12	GM_M19_A2_F12_MF	GM_M19_A2_F12_MR
	18966	GM_M19_A2_F12		
	18967	GM_M19_A2_G01	GM_M19_A2_G01_MF	GM_M19_A2_G01_MR
55	18968	GM_M19_A2_G01		
	18969	GM_M19_A2_G02	GM_M19_A2_G02_MF	GM_M19_A2_G02_MR
	18970	GM_M19_A2_G02		
	18971	GM_M19_A2_G03	GM_M19_A2_G03_MF	GM_M19_A2_G03_MR
	18972	GM_M19_A2_G03		

5	18973	GM_M19_A2_G04	GM_M19_A2_G04_MF	GM_M19_A2_G04_MR
	18974	GM_M19_A2_G04		
	18975	GM_M19_A2_G05	GM_M19_A2_G05_MF	
	18976	GM_M19_A2_G05		
	18977	GM_M19_A2_G06	GM_M19_A2_G06_MF	
10	18978	GM_M19_A2_G06		GM_M19_A2_G06_MR
	18979	GM_M19_A2_G07	GM_M19_A2_G07_MF	
	18980	GM_M19_A2_G07		
	18981	GM_M19_A2_G08	GM_M19_A2_G08_MF	
	18982	GM_M19_A2_G08		
15	18983	GM_M19_A2_G10	GM_M19_A2_G10_MF	GM_M19_A2_G10_MR
	18984	GM_M19_A2_G10		
	18985	GM_M19_A2_G11	GM_M19_A2_G11_MF	
	18986	GM_M19_A2_G11		
	18987	GM_M19_A2_G12	GM_M19_A2_G12_MF	
20	18988	GM_M19_A2_G12		GM_M19_A2_G12_MR
	18989	GM_M19_A2_H01	GM_M19_A2_H01_MF	
	18990	GM_M19_A2_H01		
	18991	GM_M19_A2_H02	GM_M19_A2_H02_MF	
	18992	GM_M19_A2_H02		
25	18993	GM_M19_A2_H03	GM_M19_A2_H03_MF	GM_M19_A2_H03_MR
	18994	GM_M19_A2_H03		
	18995	GM_M19_A2_H04	GM_M19_A2_H04_MF	
	18996	GM_M19_A2_H04		
	18997	GM_M19_A2_H05	GM_M19_A2_H05_MF	
30	18998	GM_M19_A2_H05		GM_M19_A2_H05_MR
	18999	GM_M19_A2_H06	GM_M19_A2_H06_MF	
	19000	GM_M19_A2_H06		
	19001	GM_M19_A2_H07	GM_M19_A2_H07_MF	
	19002	GM_M19_A2_H07		
35	19003	GM_M19_A2_H08	GM_M19_A2_H08_MF	GM_M19_A2_H08_MR
	19004	GM_M19_A2_H08		
	19005	GM_M19_A2_H12	GM_M19_A2_H12_MF	
	19006	GM_M19_A2_H12		
	19007	GM_M19_B1_A01	GM_M19_B1_A01_MF	
40	19008	GM_M19_B1_A02	GM_M19_B1_A02_MF	GM_M19_B1_A02_MR
	19009	GM_M19_B1_A02		
	19010	GM_M19_B1_A03	GM_M19_B1_A03_MF	
	19011	GM_M19_B1_A03		
	19012	GM_M19_B1_A04	GM_M19_B1_A04_MF	
45	19013	GM_M19_B1_A04		GM_M19_B1_A04_MR
	19014	GM_M19_B1_A05	GM_M19_B1_A05_MF	
	19015	GM_M19_B1_A05		
	19016	GM_M19_B1_A06	GM_M19_B1_A06_MF	
	19017	GM_M19_B1_A07	GM_M19_B1_A07_MF	
50	19018	GM_M19_B1_A07		GM_M19_B1_A07_MR
	19019	GM_M19_B1_A08	GM_M19_B1_A08_MF	
	19020	GM_M19_B1_A08		
	19021	GM_M19_B1_A09	GM_M19_B1_A09_MF	
	19022	GM_M19_B1_A09		
55	19023	GM_M19_B1_A10	GM_M19_B1_A10_MF	GM_M19_B1_A10_MR
	19024	GM_M19_B1_A10		
	19025	GM_M19_B1_A11	GM_M19_B1_A11_MF	
	19026	GM_M19_B1_A12	GM_M19_B1_A12_MF	
	19027	GM_M19_B1_B01	GM_M19_B1_B01_MF	

	19028	GM_M19_B1_B01		GM_M19_B1_B01_MR
	19029	GM_M19_B1_B02		GM_M19_B1_B02_MR
	19030	GM_M19_B1_B04	GM_M19_B1_B04_MF	
	19031	GM_M19_B1_B04		GM_M19_B1_B04_MR
5	19032	GM_M19_B1_B05	GM_M19_B1_B05_MF	
	19033	GM_M19_B1_B05		GM_M19_B1_B05_MR
	19034	GM_M19_B1_B06	GM_M19_B1_B06_MF	
	19035	GM_M19_B1_B07	GM_M19_B1_B07_MF	
	19036	GM_M19_B1_B07		GM_M19_B1_B07_MR
10	19037	GM_M19_B1_B08	GM_M19_B1_B08_MF	
	19038	GM_M19_B1_B08		GM_M19_B1_B08_MR
	19039	GM_M19_B1_B09	GM_M19_B1_B09_MF	
	19040	GM_M19_B1_B09		GM_M19_B1_B09_MR
	19041	GM_M19_B1_B10	GM_M19_B1_B10_MF	
15	19042	GM_M19_B1_B10		GM_M19_B1_B10_MR
	19043	GM_M19_B1_B11	GM_M19_B1_B11_MF	
	19044	GM_M19_B1_B11		GM_M19_B1_B11_MR
	19045	GM_M19_B1_B12	GM_M19_B1_B12_MF	
	19046	GM_M19_B1_B12		GM_M19_B1_B12_MR
20	19047	GM_M19_B1_C01	GM_M19_B1_C01_MF	
	19048	GM_M19_B1_C01		GM_M19_B1_C01_MR
	19049	GM_M19_B1_C02	GM_M19_B1_C02_MF	
	19050	GM_M19_B1_C02		GM_M19_B1_C02_MR
	19051	GM_M19_B1_C03	GM_M19_B1_C03_MF	
25	19052	GM_M19_B1_C03		GM_M19_B1_C03_MR
	19053	GM_M19_B1_C04	GM_M19_B1_C04_MF	
	19054	GM_M19_B1_C05	GM_M19_B1_C05_MF	
	19055	GM_M19_B1_C05		GM_M19_B1_C05_MR
	19056	GM_M19_B1_C06	GM_M19_B1_C06_MF	
30	19057	GM_M19_B1_C06		GM_M19_B1_C06_MR
	19058	GM_M19_B1_C07	GM_M19_B1_C07_MF	
	19059	GM_M19_B1_C07		GM_M19_B1_C07_MR
	19060	GM_M19_B1_C08	GM_M19_B1_C08_MF	
	19061	GM_M19_B1_C08		GM_M19_B1_C08_MR
35	19062	GM_M19_B1_C09	GM_M19_B1_C09_MF	
	19063	GM_M19_B1_C09		GM_M19_B1_C09_MR
	19064	GM_M19_B1_C10	GM_M19_B1_C10_MF	
	19065	GM_M19_B1_C10		GM_M19_B1_C10_MR
	19066	GM_M19_B1_C11	GM_M19_B1_C11_MF	
40	19067	GM_M19_B1_C11		GM_M19_B1_C11_MR
	19068	GM_M19_B1_C12	GM_M19_B1_C12_MF	
	19069	GM_M19_B1_C12		GM_M19_B1_C12_MR
	19070	GM_M19_B1_D01	GM_M19_B1_D01_MF	
	19071	GM_M19_B1_D01		GM_M19_B1_D01_MR
45	19072	GM_M19_B1_D02	GM_M19_B1_D02_MF	
	19073	GM_M19_B1_D03	GM_M19_B1_D03_MF	
	19074	GM_M19_B1_D03		GM_M19_B1_D03_MR
	19075	GM_M19_B1_D04	GM_M19_B1_D04_MF	
	19076	GM_M19_B1_D04		GM_M19_B1_D04_MR
50	19077	GM_M19_B1_D05	GM_M19_B1_D05_MF	
	19078	GM_M19_B1_D05		GM_M19_B1_D05_MR
	19079	GM_M19_B1_D06	GM_M19_B1_D06_MF	
	19080	GM_M19_B1_D06		GM_M19_B1_D06_MR
	19081	GM_M19_B1_D07	GM_M19_B1_D07_MF	
55	19082	GM_M19_B1_D07		GM_M19_B1_D07_MR

	19083	GM_M19_B1_D08	GM_M19_B1_D08_MF	
	19084	GM_M19_B1_D08		GM_M19_B1_D08_MR
	19085	GM_M19_B1_D09	GM_M19_B1_D09_MF	
	19086	GM_M19_B1_D09		GM_M19_B1_D09_MR
5	19087	GM_M19_B1_D10	GM_M19_B1_D10_MF	
	19088	GM_M19_B1_D10		GM_M19_B1_D10_MR
	19089	GM_M19_B1_D11	GM_M19_B1_D11_MF	
	19090	GM_M19_B1_D11		GM_M19_B1_D11_MR
	19091	GM_M19_B1_D12	GM_M19_B1_D12_MF	
10	19092	GM_M19_B1_D12		GM_M19_B1_D12_MR
	19093	GM_M19_B1_E01	GM_M19_B1_E01_MF	
	19094	GM_M19_B1_E01		GM_M19_B1_E01_MR
	19095	GM_M19_B1_E02	GM_M19_B1_E02_MF	
	19096	GM_M19_B1_E02		GM_M19_B1_E02_MR
15	19097	GM_M19_B1_E03	GM_M19_B1_E03_MF	
	19098	GM_M19_B1_E03		GM_M19_B1_E03_MR
	19099	GM_M19_B1_E04	GM_M19_B1_E04_MF	
	19100	GM_M19_B1_E04		GM_M19_B1_E04_MR
	19101	GM_M19_B1_E05	GM_M19_B1_E05_MF	
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	19103	GM_M19_B1_E06	GM_M19_B1_E06_MF	
	19104	GM_M19_B1_E07	GM_M19_B1_E07_MF	
	19105	GM_M19_B1_E07		GM_M19_B1_E07_MR
	19106	GM_M19_B1_E08	GM_M19_B1_E08_MF	
25	19107	GM_M19_B1_E08		GM_M19_B1_E08_MR
	19108	GM_M19_B1_E09	GM_M19_B1_E09_MF	
	19109	GM_M19_B1_E09		GM_M19_B1_E09_MR
	19110	GM_M19_B1_E10	GM_M19_B1_E10_MF	
	19111	GM_M19_B1_E10		GM_M19_B1_E10_MR
30	19112	GM_M19_B1_E11	GM_M19_B1_E11_MF	
	19113	GM_M19_B1_E11		GM_M19_B1_E11_MR
	19114	GM_M19_B1_E12	GM_M19_B1_E12_MF	
	19115	GM_M19_B1_E12		GM_M19_B1_E12_MR
	19116	GM_M19_B1_F01	GM_M19_B1_F01_MF	
35	19117	GM_M19_B1_F01		GM_M19_B1_F01_MR
	19118	GM_M19_B1_F02	GM_M19_B1_F02_MF	
	19119	GM_M19_B1_F02		GM_M19_B1_F02_MR
	19120	GM_M19_B1_F03	GM_M19_B1_F03_MF	
	19121	GM_M19_B1_F03		GM_M19_B1_F03_MR
40	19122	GM_M19_B1_F04	GM_M19_B1_F04_MF	
	19123	GM_M19_B1_F04		GM_M19_B1_F04_MR
	19124	GM_M19_B1_F05	GM_M19_B1_F05_MF	
	19125	GM_M19_B1_F05		GM_M19_B1_F05_MR
	19126	GM_M19_B1_F06	GM_M19_B1_F06_MF	
45	19127	GM_M19_B1_F06		GM_M19_B1_F06_MR
	19128	GM_M19_B1_F07	GM_M19_B1_F07_MF	
	19129	GM_M19_B1_F07		GM_M19_B1_F07_MR
	19130	GM_M19_B1_F08	GM_M19_B1_F08_MF	
	19131	GM_M19_B1_F08		GM_M19_B1_F08_MR
50	19132	GM_M19_B1_F09	GM_M19_B1_F09_MF	
	19133	GM_M19_B1_F09		GM_M19_B1_F09_MR
	19134	GM_M19_B1_F10	GM_M19_B1_F10_MF	
	19135	GM_M19_B1_F10		GM_M19_B1_F10_MR
	19136	GM_M19_B1_F11	GM_M19_B1_F11_MF	
55	19137	GM_M19_B1_F11		GM_M19_B1_F11_MR

	19138	GM_M19_B1_F12	GM_M19_B1_F12_MF	
	19139	GM_M19_B1_F12		GM_M19_B1_F12_MR
	19140	GM_M19_B1_G01	GM_M19_B1_G01_MF	
	19141	GM_M19_B1_G01		GM_M19_B1_G01_MR
5	19142	GM_M19_B1_G02	GM_M19_B1_G02_MF	
	19143	GM_M19_B1_G02		GM_M19_B1_G02_MR
	19144	GM_M19_B1_G03	GM_M19_B1_G03_MF	
	19145	GM_M19_B1_G03		GM_M19_B1_G03_MR
	19146	GM_M19_B1_G04	GM_M19_B1_G04_MF	
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	19148	GM_M19_B1_G05	GM_M19_B1_G05_MF	
	19149	GM_M19_B1_G05		GM_M19_B1_G05_MR
	19150	GM_M19_B1_G06	GM_M19_B1_G06_MF	
	19151	GM_M19_B1_G06		GM_M19_B1_G06_MR
15	19152	GM_M19_B1_G07	GM_M19_B1_G07_MF	
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	19154	GM_M19_B1_G08	GM_M19_B1_G08_MF	
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	19156	GM_M19_B1_G09	GM_M19_B1_G09_MF	
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	19158	GM_M19_B1_G10	GM_M19_B1_G10_MF	
	19159	GM_M19_B1_G10		GM_M19_B1_G10_MR
	19160	GM_M19_B1_G12	GM_M19_B1_G12_MF	
	19161	GM_M19_B1_G12		GM_M19_B1_G12_MR
25	19162	GM_M19_B1_H01	GM_M19_B1_H01_MF	
	19163	GM_M19_B1_H02	GM_M19_B1_H02_MF	
	19164	GM_M19_B1_H03	GM_M19_B1_H03_MF	
	19165	GM_M19_B1_H03		GM_M19_B1_H03_MR
	19166	GM_M19_B1_H04	GM_M19_B1_H04_MF	
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	19168	GM_M19_B1_H05	GM_M19_B1_H05_MF	
	19169	GM_M19_B1_H05		GM_M19_B1_H05_MR
	19170	GM_M19_B1_H06	GM_M19_B1_H06_MF	
	19171	GM_M19_B1_H06		GM_M19_B1_H06_MR
35	19172	GM_M19_B1_H07	GM_M19_B1_H07_MF	
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	19174	GM_M19_B1_H08	GM_M19_B1_H08_MF	
	19175	GM_M19_B1_H08		GM_M19_B1_H08_MR
	19176	GM_M19_B1_H09	GM_M19_B1_H09_MF	
40	19177	GM_M19_B1_H09		GM_M19_B1_H09_MR
	19178	GM_M19_B1_H10	GM_M19_B1_H10_MF	
	19179	GM_M19_B1_H10		GM_M19_B1_H10_MR
	19180	GM_M19_B1_H11	GM_M19_B1_H11_MF	
	19181	GM_M19_B1_H11		GM_M19_B1_H11_MR
45	19182	GM_M19_B1_H12	GM_M19_B1_H12_MF	
	19183	GM_M19_B1_H12		GM_M19_B1_H12_MR
	19184	GM_M19_B2_A01	GM_M19_B2_A01_MF	
	19185	GM_M19_B2_A02	GM_M19_B2_A02_MF	
	19186	GM_M19_B2_A02		GM_M19_B2_A02_MR
50	19187	GM_M19_B2_A03	GM_M19_B2_A03_MF	
	19188	GM_M19_B2_A03		GM_M19_B2_A03_MR
	19189	GM_M19_B2_A04	GM_M19_B2_A04_MF	
	19190	GM_M19_B2_A04		GM_M19_B2_A04_MR
	19191	GM_M19_B2_A05	GM_M19_B2_A05_MF	
55	19192	GM_M19_B2_A05		GM_M19_B2_A05_MR

	19193	GM_M19_B2_A06	GM_M19_B2_A06_MF	
	19194	GM_M19_B2_A06		GM_M19_B2_A06_MR
	19195	GM_M19_B2_A07		GM_M19_B2_A07_MR
	19196	GM_M19_B2_A08	GM_M19_B2_A08_MF	
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	19198	GM_M19_B2_A09		GM_M19_B2_A09_MR
	19199	GM_M19_B2_A10	GM_M19_B2_A10_MF	
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	19201	GM_M19_B2_A11		GM_M19_B2_A11_MR
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	19204	GM_M19_B2_B01	GM_M19_B2_B01_MF	
	19205	GM_M19_B2_B01		GM_M19_B2_B01_MR
	19206	GM_M19_B2_B02	GM_M19_B2_B02_MF	
15	19207	GM_M19_B2_B02		GM_M19_B2_B02_MR
	19208	GM_M19_B2_B03	GM_M19_B2_B03_MF	
	19209	GM_M19_B2_B04	GM_M19_B2_B04_MF	
	19210	GM_M19_B2_B04		GM_M19_B2_B04_MR
	19211	GM_M19_B2_B05	GM_M19_B2_B05_MF	
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	19213	GM_M19_B2_B06	GM_M19_B2_B06_MF	
	19214	GM_M19_B2_B06		GM_M19_B2_B06_MR
	19215	GM_M19_B2_B07	GM_M19_B2_B07_MF	
	19216	GM_M19_B2_B07		GM_M19_B2_B07_MR
25	19217	GM_M19_B2_B08		GM_M19_B2_B08_MR
	19218	GM_M19_B2_B09	GM_M19_B2_B09_MF	
	19219	GM_M19_B2_B09		GM_M19_B2_B09_MR
	19220	GM_M19_B2_B10	GM_M19_B2_B10_MF	
	19221	GM_M19_B2_B10		GM_M19_B2_B10_MR
30	19222	GM_M19_B2_B11	GM_M19_B2_B11_MF	
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	19224	GM_M19_B2_B12		GM_M19_B2_B12_MR
	19225	GM_M19_B2_C01	GM_M19_B2_C01_MF	
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35	19227	GM_M19_B2_C02	GM_M19_B2_C02_MF	
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	19229	GM_M19_B2_C03	GM_M19_B2_C03_MF	
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	19231	GM_M19_B2_C04	GM_M19_B2_C04_MF	
40	19232	GM_M19_B2_C04		GM_M19_B2_C04_MR
	19233	GM_M19_B2_C06	GM_M19_B2_C06_MF	
	19234	GM_M19_B2_C06		GM_M19_B2_C06_MR
	19235	GM_M19_B2_C07	GM_M19_B2_C07_MF	
	19236	GM_M19_B2_C07		GM_M19_B2_C07_MR
45	19237	GM_M19_B2_C08		GM_M19_B2_C08_MR
	19238	GM_M19_B2_C10	GM_M19_B2_C10_MF	
	19239	GM_M19_B2_C10		GM_M19_B2_C10_MR
	19240	GM_M19_B2_C11	GM_M19_B2_C11_MF	
	19241	GM_M19_B2_C12	GM_M19_B2_C12_MF	
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	19243	GM_M19_B2_D01		GM_M19_B2_D01_MR
	19244	GM_M19_B2_D02	GM_M19_B2_D02_MF	
	19245	GM_M19_B2_D02		GM_M19_B2_D02_MR
	19246	GM_M19_B2_D03	GM_M19_B2_D03_MF	
55	19247	GM_M19_B2_D03		GM_M19_B2_D03_MR

	19248	GM_M19_B2_D04	GM_M19_B2_D04_MF	
	19249	GM_M19_B2_D04		GM_M19_B2_D04_MR
	19250	GM_M19_B2_D05	GM_M19_B2_D05_MF	
	19251	GM_M19_B2_D05		GM_M19_B2_D05_MR
5	19252	GM_M19_B2_D06	GM_M19_B2_D06_MF	
	19253	GM_M19_B2_D06		GM_M19_B2_D06_MR
	19254	GM_M19_B2_D07	GM_M19_B2_D07_MF	
	19255	GM_M19_B2_D07		GM_M19_B2_D07_MR
	19256	GM_M19_B2_D08		GM_M19_B2_D08_MR
10	19257	GM_M19_B2_D09	GM_M19_B2_D09_MF	
	19258	GM_M19_B2_D10	GM_M19_B2_D10_MF	
	19259	GM_M19_B2_D10		GM_M19_B2_D10_MR
	19260	GM_M19_B2_D11	GM_M19_B2_D11_MF	
	19261	GM_M19_B2_D11		GM_M19_B2_D11_MR
15	19262	GM_M19_B2_D12	GM_M19_B2_D12_MF	
	19263	GM_M19_B2_D12		GM_M19_B2_D12_MR
	19264	GM_M19_B2_E01	GM_M19_B2_E01_MF	
	19265	GM_M19_B2_E01		GM_M19_B2_E01_MR
	19266	GM_M19_B2_E02	GM_M19_B2_E02_MF	
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	19268	GM_M19_B2_E03	GM_M19_B2_E03_MF	
	19269	GM_M19_B2_E03		GM_M19_B2_E03_MR
	19270	GM_M19_B2_E04	GM_M19_B2_E04_MF	
	19271	GM_M19_B2_E04		GM_M19_B2_E04_MR
25	19272	GM_M19_B2_E05	GM_M19_B2_E05_MF	
	19273	GM_M19_B2_E05		GM_M19_B2_E05_MR
	19274	GM_M19_B2_E06	GM_M19_B2_E06_MF	
	19275	GM_M19_B2_E06		GM_M19_B2_E06_MR
	19276	GM_M19_B2_E08	GM_M19_B2_E08_MF	
30	19277	GM_M19_B2_E08		GM_M19_B2_E08_MR
	19278	GM_M19_B2_E09	GM_M19_B2_E09_MF	
	19279	GM_M19_B2_E09		GM_M19_B2_E09_MR
	19280	GM_M19_B2_E10	GM_M19_B2_E10_MF	
	19281	GM_M19_B2_E10		GM_M19_B2_E10_MR
35	19282	GM_M19_B2_E11	GM_M19_B2_E11_MF	
	19283	GM_M19_B2_E12	GM_M19_B2_E12_MF	
	19284	GM_M19_B2_E12		GM_M19_B2_E12_MR
	19285	GM_M19_B2_F01	GM_M19_B2_F01_MF	
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40	19287	GM_M19_B2_F02	GM_M19_B2_F02_MF	
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	19289	GM_M19_B2_F03	GM_M19_B2_F03_MF	
	19290	GM_M19_B2_F03		GM_M19_B2_F03_MR
	19291	GM_M19_B2_F04	GM_M19_B2_F04_MF	
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	19293	GM_M19_B2_F05	GM_M19_B2_F05_MF	
	19294	GM_M19_B2_F05		GM_M19_B2_F05_MR
	19295	GM_M19_B2_F06	GM_M19_B2_F06_MF	
	19296	GM_M19_B2_F06		GM_M19_B2_F06_MR
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	19299	GM_M19_B2_F08	GM_M19_B2_F08_MF	
	19300	GM_M19_B2_F08		GM_M19_B2_F08_MR
	19301	GM_M19_B2_F09	GM_M19_B2_F09_MF	
55	19302	GM_M19_B2_F09		GM_M19_B2_F09_MR

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	19304	GM_M19_B2_F10		GM_M19_B2_F10_MR
	19305	GM_M19_B2_F11	GM_M19_B2_F11_MF	
	19306	GM_M19_B2_F11		GM_M19_B2_F11_MR
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	19308	GM_M19_B2_F12		GM_M19_B2_F12_MR
	19309	GM_M19_B2_G01	GM_M19_B2_G01_MF	
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	19311	GM_M19_B2_G02	GM_M19_B2_G02_MF	
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	19315	GM_M19_B2_G04	GM_M19_B2_G04_MF	
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	19319	GM_M19_B2_G06	GM_M19_B2_G06_MF	
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	19321	GM_M19_B2_G08		GM_M19_B2_G08_MR
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	19325	GM_M19_B2_G11	GM_M19_B2_G11_MF	
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	19329	GM_M19_B2_H01	GM_M19_B2_H01_MF	
	19330	GM_M19_B2_H01		GM_M19_B2_H01_MR
	19331	GM_M19_B2_H02	GM_M19_B2_H02_MF	
30	19332	GM_M19_B2_H02		GM_M19_B2_H02_MR
	19333	GM_M19_B2_H03	GM_M19_B2_H03_MF	
	19334	GM_M19_B2_H03		GM_M19_B2_H03_MR
	19335	GM_M19_B2_H04	GM_M19_B2_H04_MF	
	19336	GM_M19_B2_H04		GM_M19_B2_H04_MR
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	19339	GM_M19_B2_H06	GM_M19_B2_H06_MF	
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	19341	GM_M19_B2_H07	GM_M19_B2_H07_MF	
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	19344	GM_M19_B2_H09	GM_M19_B2_H09_MF	
	19345	GM_M19_B2_H09		GM_M19_B2_H09_MR
	19346	GM_M19_B2_H10	GM_M19_B2_H10_MF	
45	19347	GM_M19_B2_H10		GM_M19_B2_H10_MR
	19348	GM_M19_B2_H11	GM_M19_B2_H11_MF	
	19349	GM_M19_B2_H11		GM_M19_B2_H11_MR
	19350	GM_M19_B2_H12	GM_M19_B2_H12_MF	
	19351	GM_M19_B2_H12		GM_M19_B2_H12_MR
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	19353	GM_M20_A1_A01		GM_M20_A1_A01_MR
	19354	GM_M20_A1_A02	GM_M20_A1_A02_MF	
	19355	GM_M20_A1_A02		GM_M20_A1_A02_MR
	19356	GM_M20_A1_A03	GM_M20_A1_A03_MF	
55	19357	GM_M20_A1_A03		GM_M20_A1_A03_MR

	19358	GM_M20_A1_A04	GM_M20_A1_A04_MF	
	19359	GM_M20_A1_A04		GM_M20_A1_A04_MR
	19360	GM_M20_A1_A05	GM_M20_A1_A05_MF	
	19361	GM_M20_A1_A05		GM_M20_A1_A05_MR
5	19362	GM_M20_A1_A06	GM_M20_A1_A06_MF	
	19363	GM_M20_A1_A06		GM_M20_A1_A06_MR
	19364	GM_M20_A1_A07	GM_M20_A1_A07_MF	
	19365	GM_M20_A1_A07		GM_M20_A1_A07_MR
	19366	GM_M20_A1_A08	GM_M20_A1_A08_MF	
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	19368	GM_M20_A1_A09	GM_M20_A1_A09_MF	
	19369	GM_M20_A1_A09		GM_M20_A1_A09_MR
	19370	GM_M20_A1_A10	GM_M20_A1_A10_MF	
	19371	GM_M20_A1_A10		GM_M20_A1_A10_MR
15	19372	GM_M20_A1_A11	GM_M20_A1_A11_MF	
	19373	GM_M20_A1_A11		GM_M20_A1_A11_MR
	19374	GM_M20_A1_A12	GM_M20_A1_A12_MF	
	19375	GM_M20_A1_A12		GM_M20_A1_A12_MR
	19376	GM_M20_A1_B01	GM_M20_A1_B01_MF	
20	19377	GM_M20_A1_B02	GM_M20_A1_B02_MF	
	19378	GM_M20_A1_B02		GM_M20_A1_B02_MR
	19379	GM_M20_A1_B03	GM_M20_A1_B03_MF	
	19380	GM_M20_A1_B03		GM_M20_A1_B03_MR
	19381	GM_M20_A1_B04	GM_M20_A1_B04_MF	
25	19382	GM_M20_A1_B04		GM_M20_A1_B04_MR
	19383	GM_M20_A1_B05	GM_M20_A1_B05_MF	
	19384	GM_M20_A1_B05		GM_M20_A1_B05_MR
	19385	GM_M20_A1_B06	GM_M20_A1_B06_MF	
	19386	GM_M20_A1_B06		GM_M20_A1_B06_MR
30	19387	GM_M20_A1_B07	GM_M20_A1_B07_MF	
	19388	GM_M20_A1_B08	GM_M20_A1_B08_MF	
	19389	GM_M20_A1_B08		GM_M20_A1_B08_MR
	19390	GM_M20_A1_B09	GM_M20_A1_B09_MF	
	19391	GM_M20_A1_B09		GM_M20_A1_B09_MR
35	19392	GM_M20_A1_B10		GM_M20_A1_B10_MR
	19393	GM_M20_A1_B11	GM_M20_A1_B11_MF	
	19394	GM_M20_A1_B11		GM_M20_A1_B11_MR
	19395	GM_M20_A1_B12	GM_M20_A1_B12_MF	
	19396	GM_M20_A1_B12		GM_M20_A1_B12_MR
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	19398	GM_M20_A1_C01		GM_M20_A1_C01_MR
	19399	GM_M20_A1_C02	GM_M20_A1_C02_MF	
	19400	GM_M20_A1_C02		GM_M20_A1_C02_MR
	19401	GM_M20_A1_C03	GM_M20_A1_C03_MF	
45	19402	GM_M20_A1_C03		GM_M20_A1_C03_MR
	19403	GM_M20_A1_C04	GM_M20_A1_C04_MF	
	19404	GM_M20_A1_C04		GM_M20_A1_C04_MR
	19405	GM_M20_A1_C05	GM_M20_A1_C05_MF	
	19406	GM_M20_A1_C05		GM_M20_A1_C05_MR
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	19408	GM_M20_A1_C06		GM_M20_A1_C06_MR
	19409	GM_M20_A1_C07	GM_M20_A1_C07_MF	
	19410	GM_M20_A1_C07		GM_M20_A1_C07_MR
	19411	GM_M20_A1_C08	GM_M20_A1_C08_MF	
55	19412	GM_M20_A1_C08		GM_M20_A1_C08_MR

	19413	GM_M20_A1_C09	GM_M20_A1_C09_MF	
	19414	GM_M20_A1_C09		GM_M20_A1_C09_MR
	19415	GM_M20_A1_C10	GM_M20_A1_C10_MF	
	19416	GM_M20_A1_C10		GM_M20_A1_C10_MR
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	19418	GM_M20_A1_C11		GM_M20_A1_C11_MR
	19419	GM_M20_A1_C12	GM_M20_A1_C12_MF	
	19420	GM_M20_A1_C12		GM_M20_A1_C12_MR
	19421	GM_M20_A1_D01	GM_M20_A1_D01_MF	
10	19422	GM_M20_A1_D01		GM_M20_A1_D01_MR
	19423	GM_M20_A1_D02	GM_M20_A1_D02_MF	
	19424	GM_M20_A1_D02		GM_M20_A1_D02_MR
	19425	GM_M20_A1_D03		GM_M20_A1_D03_MR
	19426	GM_M20_A1_D04	GM_M20_A1_D04_MF	
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	19428	GM_M20_A1_D05	GM_M20_A1_D05_MF	
	19429	GM_M20_A1_D05		GM_M20_A1_D05_MR
	19430	GM_M20_A1_D06	GM_M20_A1_D06_MF	
	19431	GM_M20_A1_D06		GM_M20_A1_D06_MR
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	19433	GM_M20_A1_D07		GM_M20_A1_D07_MR
	19434	GM_M20_A1_D08	GM_M20_A1_D08_MF	
	19435	GM_M20_A1_D08		GM_M20_A1_D08_MR
	19436	GM_M20_A1_D09	GM_M20_A1_D09_MF	
25	19437	GM_M20_A1_D09		GM_M20_A1_D09_MR
	19438	GM_M20_A1_D10	GM_M20_A1_D10_MF	
	19439	GM_M20_A1_D10		GM_M20_A1_D10_MR
	19440	GM_M20_A1_D11	GM_M20_A1_D11_MF	
	19441	GM_M20_A1_D11		GM_M20_A1_D11_MR
30	19442	GM_M20_A1_D12	GM_M20_A1_D12_MF	
	19443	GM_M20_A1_D12		GM_M20_A1_D12_MR
	19444	GM_M20_A1_E01	GM_M20_A1_E01_MF	
	19445	GM_M20_A1_E01		GM_M20_A1_E01_MR
	19446	GM_M20_A1_E02	GM_M20_A1_E02_MF	
35	19447	GM_M20_A1_E02		GM_M20_A1_E02_MR
	19448	GM_M20_A1_E03	GM_M20_A1_E03_MF	
	19449	GM_M20_A1_E03		GM_M20_A1_E03_MR
	19450	GM_M20_A1_E04	GM_M20_A1_E04_MF	
	19451	GM_M20_A1_E04		GM_M20_A1_E04_MR
40	19452	GM_M20_A1_E05		GM_M20_A1_E05_MR
	19453	GM_M20_A1_E06	GM_M20_A1_E06_MF	
	19454	GM_M20_A1_E07	GM_M20_A1_E07_MF	
	19455	GM_M20_A1_E07		GM_M20_A1_E07_MR
	19456	GM_M20_A1_E08	GM_M20_A1_E08_MF	
45	19457	GM_M20_A1_E08		GM_M20_A1_E08_MR
	19458	GM_M20_A1_E09	GM_M20_A1_E09_MF	
	19459	GM_M20_A1_E09		GM_M20_A1_E09_MR
	19460	GM_M20_A1_E10	GM_M20_A1_E10_MF	
	19461	GM_M20_A1_E10		GM_M20_A1_E10_MR
50	19462	GM_M20_A1_E11	GM_M20_A1_E11_MF	
	19463	GM_M20_A1_E11		GM_M20_A1_E11_MR
	19464	GM_M20_A1_E12	GM_M20_A1_E12_MF	
	19465	GM_M20_A1_E12		GM_M20_A1_E12_MR
	19466	GM_M20_A1_F01	GM_M20_A1_F01_MF	
55	19467	GM_M20_A1_F01		GM_M20_A1_F01_MR

	19468	GM_M20_A1_F02	GM_M20_A1_F02_MF	
	19469	GM_M20_A1_F02		GM_M20_A1_F02_MR
	19470	GM_M20_A1_F03	GM_M20_A1_F03_MF	
	19471	GM_M20_A1_F03		GM_M20_A1_F03_MR
5	19472	GM_M20_A1_F04	GM_M20_A1_F04_MF	
	19473	GM_M20_A1_F04		GM_M20_A1_F04_MR
	19474	GM_M20_A1_F05	GM_M20_A1_F05_MF	
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	19476	GM_M20_A1_F06	GM_M20_A1_F06_MF	
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	19478	GM_M20_A1_F07	GM_M20_A1_F07_MF	
	19479	GM_M20_A1_F07		GM_M20_A1_F07_MR
	19480	GM_M20_A1_F08	GM_M20_A1_F08_MF	
	19481	GM_M20_A1_F09	GM_M20_A1_F09_MF	
15	19482	GM_M20_A1_F09		GM_M20_A1_F09_MR
	19483	GM_M20_A1_F10	GM_M20_A1_F10_MF	
	19484	GM_M20_A1_F10		GM_M20_A1_F10_MR
	19485	GM_M20_A1_F11	GM_M20_A1_F11_MF	
	19486	GM_M20_A1_F11		GM_M20_A1_F11_MR
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	19488	GM_M20_A1_F12		GM_M20_A1_F12_MR
	19489	GM_M20_A1_G01	GM_M20_A1_G01_MF	
	19490	GM_M20_A1_G01		GM_M20_A1_G01_MR
	19491	GM_M20_A1_G02	GM_M20_A1_G02_MF	
25	19492	GM_M20_A1_G02		GM_M20_A1_G02_MR
	19493	GM_M20_A1_G03	GM_M20_A1_G03_MF	
	19494	GM_M20_A1_G03		GM_M20_A1_G03_MR
	19495	GM_M20_A1_G05	GM_M20_A1_G05_MF	
	19496	GM_M20_A1_G05		GM_M20_A1_G05_MR
30	19497	GM_M20_A1_G06	GM_M20_A1_G06_MF	
	19498	GM_M20_A1_G06		GM_M20_A1_G06_MR
	19499	GM_M20_A1_G07	GM_M20_A1_G07_MF	
	19500	GM_M20_A1_G07		GM_M20_A1_G07_MR
	19501	GM_M20_A1_G08	GM_M20_A1_G08_MF	
35	19502	GM_M20_A1_G08		GM_M20_A1_G08_MR
	19503	GM_M20_A1_G09	GM_M20_A1_G09_MF	
	19504	GM_M20_A1_G09		GM_M20_A1_G09_MR
	19505	GM_M20_A1_G10	GM_M20_A1_G10_MF	
	19506	GM_M20_A1_G10		GM_M20_A1_G10_MR
40	19507	GM_M20_A1_G11	GM_M20_A1_G11_MF	
	19508	GM_M20_A1_G11		GM_M20_A1_G11_MR
	19509	GM_M20_A1_G12	GM_M20_A1_G12_MF	
	19510	GM_M20_A1_G12		GM_M20_A1_G12_MR
	19511	GM_M20_A1_H01		GM_M20_A1_H01_MR
45	19512	GM_M20_A1_H03	GM_M20_A1_H03_MF	
	19513	GM_M20_A1_H03		GM_M20_A1_H03_MR
	19514	GM_M20_A1_H04	GM_M20_A1_H04_MF	
	19515	GM_M20_A1_H04		GM_M20_A1_H04_MR
	19516	GM_M20_A1_H05	GM_M20_A1_H05_MF	
50	19517	GM_M20_A1_H05		GM_M20_A1_H05_MR
	19518	GM_M20_A1_H06	GM_M20_A1_H06_MF	
	19519	GM_M20_A1_H06		GM_M20_A1_H06_MR
	19520	GM_M20_A1_H07	GM_M20_A1_H07_MF	
	19521	GM_M20_A1_H07		GM_M20_A1_H07_MR
55	19522	GM_M20_A1_H08	GM_M20_A1_H08_MF	

	19523	GM_M20_A1_H08		GM_M20_A1_H08_MR
	19524	GM_M20_A1_H09	GM_M20_A1_H09_MF	
	19525	GM_M20_A1_H09		GM_M20_A1_H09_MR
	19526	GM_M20_A1_H10	GM_M20_A1_H10_MF	
5	19527	GM_M20_A1_H10		GM_M20_A1_H10_MR
	19528	GM_M20_A1_H11		GM_M20_A1_H11_MR
	19529	GM_M20_A1_H12	GM_M20_A1_H12_MF	
	19530	GM_M20_A1_H12		GM_M20_A1_H12_MR
	19531	GM_M20_A2_A01	GM_M20_A2_A01_MF	
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	19533	GM_M20_A2_A02	GM_M20_A2_A02_MF	
	19534	GM_M20_A2_A02		GM_M20_A2_A02_MR
	19535	GM_M20_A2_A03	GM_M20_A2_A03_MF	
	19536	GM_M20_A2_A03		GM_M20_A2_A03_MR
15	19537	GM_M20_A2_A04	GM_M20_A2_A04_MF	
	19538	GM_M20_A2_A04		GM_M20_A2_A04_MR
	19539	GM_M20_A2_A05		GM_M20_A2_A05_MR
	19540	GM_M20_A2_A06	GM_M20_A2_A06_MF	
	19541	GM_M20_A2_A06		GM_M20_A2_A06_MR
20	19542	GM_M20_A2_A07	GM_M20_A2_A07_MF	
	19543	GM_M20_A2_A07		GM_M20_A2_A07_MR
	19544	GM_M20_A2_A08	GM_M20_A2_A08_MF	
	19545	GM_M20_A2_A08		GM_M20_A2_A08_MR
	19546	GM_M20_A2_A09	GM_M20_A2_A09_MF	
25	19547	GM_M20_A2_A09		GM_M20_A2_A09_MR
	19548	GM_M20_A2_A10	GM_M20_A2_A10_MF	
	19549	GM_M20_A2_A10		GM_M20_A2_A10_MR
	19550	GM_M20_A2_A11	GM_M20_A2_A11_MF	
	19551	GM_M20_A2_A11		GM_M20_A2_A11_MR
30	19552	GM_M20_A2_A12	GM_M20_A2_A12_MF	
	19553	GM_M20_A2_A12		GM_M20_A2_A12_MR
	19554	GM_M20_A2_B01	GM_M20_A2_B01_MF	
	19555	GM_M20_A2_B01		GM_M20_A2_B01_MR
	19556	GM_M20_A2_B02	GM_M20_A2_B02_MF	
35	19557	GM_M20_A2_B02		GM_M20_A2_B02_MR
	19558	GM_M20_A2_B03	GM_M20_A2_B03_MF	
	19559	GM_M20_A2_B03		GM_M20_A2_B03_MR
	19560	GM_M20_A2_B04	GM_M20_A2_B04_MF	
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40	19562	GM_M20_A2_B05	GM_M20_A2_B05_MF	
	19563	GM_M20_A2_B05		GM_M20_A2_B05_MR
	19564	GM_M20_A2_B06	GM_M20_A2_B06_MF	
	19565	GM_M20_A2_B06		GM_M20_A2_B06_MR
	19566	GM_M20_A2_B07	GM_M20_A2_B07_MF	
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	19568	GM_M20_A2_B08	GM_M20_A2_B08_MF	
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	19570	GM_M20_A2_B09	GM_M20_A2_B09_MF	
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50	19572	GM_M20_A2_B10	GM_M20_A2_B10_MF	
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	19574	GM_M20_A2_B11	GM_M20_A2_B11_MF	
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	19576	GM_M20_A2_B12	GM_M20_A2_B12_MF	
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	19580	GM_M20_A2_C02	GM_M20_A2_C02_MF	
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	19584	GM_M20_A2_C04	GM_M20_A2_C04_MF	
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	19586	GM_M20_A2_C05	GM_M20_A2_C05_MF	
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	19589	GM_M20_A2_C06		GM_M20_A2_C06_MR
	19590	GM_M20_A2_C07	GM_M20_A2_C07_MF	
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15	19592	GM_M20_A2_C08	GM_M20_A2_C08_MF	
	19593	GM_M20_A2_C08		GM_M20_A2_C08_MR
	19594	GM_M20_A2_C09	GM_M20_A2_C09_MF	
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	19596	GM_M20_A2_C10	GM_M20_A2_C10_MF	
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	19598	GM_M20_A2_C11	GM_M20_A2_C11_MF	
	19599	GM_M20_A2_C11		GM_M20_A2_C11_MR
	19600	GM_M20_A2_C12	GM_M20_A2_C12_MF	
	19601	GM_M20_A2_C12		GM_M20_A2_C12_MR
25	19602	GM_M20_A2_D01	GM_M20_A2_D01_MF	
	19603	GM_M20_A2_D01		GM_M20_A2_D01_MR
	19604	GM_M20_A2_D02	GM_M20_A2_D02_MF	
	19605	GM_M20_A2_D02		GM_M20_A2_D02_MR
	19606	GM_M20_A2_D03	GM_M20_A2_D03_MF	
30	19607	GM_M20_A2_D03		GM_M20_A2_D03_MR
	19608	GM_M20_A2_D04	GM_M20_A2_D04_MF	
	19609	GM_M20_A2_D04		GM_M20_A2_D04_MR
	19610	GM_M20_A2_D05	GM_M20_A2_D05_MF	
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35	19612	GM_M20_A2_D06	GM_M20_A2_D06_MF	
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	19614	GM_M20_A2_D07	GM_M20_A2_D07_MF	
	19615	GM_M20_A2_D07		GM_M20_A2_D07_MR
	19616	GM_M20_A2_D08	GM_M20_A2_D08_MF	
40	19617	GM_M20_A2_D08		GM_M20_A2_D08_MR
	19618	GM_M20_A2_D09	GM_M20_A2_D09_MF	
	19619	GM_M20_A2_D09		GM_M20_A2_D09_MR
	19620	GM_M20_A2_D10	GM_M20_A2_D10_MF	
	19621	GM_M20_A2_D10		GM_M20_A2_D10_MR
45	19622	GM_M20_A2_D11	GM_M20_A2_D11_MF	
	19623	GM_M20_A2_D11		GM_M20_A2_D11_MR
	19624	GM_M20_A2_D12	GM_M20_A2_D12_MF	
	19625	GM_M20_A2_D12		GM_M20_A2_D12_MR
	19626	GM_M20_A2_E01	GM_M20_A2_E01_MF	
50	19627	GM_M20_A2_E01		GM_M20_A2_E01_MR
	19628	GM_M20_A2_E02	GM_M20_A2_E02_MF	
	19629	GM_M20_A2_E02		GM_M20_A2_E02_MR
	19630	GM_M20_A2_E03	GM_M20_A2_E03_MF	
	19631	GM_M20_A2_E03		GM_M20_A2_E03_MR
55	19632	GM_M20_A2_E04	GM_M20_A2_E04_MF	

	19633	GM_M20_A2_E04		GM_M20_A2_E04_MR
	19634	GM_M20_A2_E05	GM_M20_A2_E05_MF	
	19635	GM_M20_A2_E05		GM_M20_A2_E05_MR
	19636	GM_M20_A2_E06	GM_M20_A2_E06_MF	
5	19637	GM_M20_A2_E06		GM_M20_A2_E06_MR
	19638	GM_M20_A2_E07	GM_M20_A2_E07_MF	
	19639	GM_M20_A2_E07		GM_M20_A2_E07_MR
	19640	GM_M20_A2_E08	GM_M20_A2_E08_MF	
	19641	GM_M20_A2_E08		GM_M20_A2_E08_MR
10	19642	GM_M20_A2_E09	GM_M20_A2_E09_MF	
	19643	GM_M20_A2_E09		GM_M20_A2_E09_MR
	19644	GM_M20_A2_E11	GM_M20_A2_E11_MF	
	19645	GM_M20_A2_E11		GM_M20_A2_E11_MR
	19646	GM_M20_A2_E12	GM_M20_A2_E12_MF	
15	19647	GM_M20_A2_E12		GM_M20_A2_E12_MR
	19648	GM_M20_A2_F01	GM_M20_A2_F01_MF	
	19649	GM_M20_A2_F01		GM_M20_A2_F01_MR
	19650	GM_M20_A2_F02	GM_M20_A2_F02_MF	
	19651	GM_M20_A2_F02		GM_M20_A2_F02_MR
20	19652	GM_M20_A2_F03	GM_M20_A2_F03_MF	
	19653	GM_M20_A2_F03		GM_M20_A2_F03_MR
	19654	GM_M20_A2_F04	GM_M20_A2_F04_MF	
	19655	GM_M20_A2_F04		GM_M20_A2_F04_MR
	19656	GM_M20_A2_F05	GM_M20_A2_F05_MF	
25	19657	GM_M20_A2_F05		GM_M20_A2_F05_MR
	19658	GM_M20_A2_F06	GM_M20_A2_F06_MF	
	19659	GM_M20_A2_F06		GM_M20_A2_F06_MR
	19660	GM_M20_A2_F07	GM_M20_A2_F07_MF	
	19661	GM_M20_A2_F07		GM_M20_A2_F07_MR
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	19663	GM_M20_A2_F08		GM_M20_A2_F08_MR
	19664	GM_M20_A2_F09	GM_M20_A2_F09_MF	
	19665	GM_M20_A2_F09		GM_M20_A2_F09_MR
	19666	GM_M20_A2_F10	GM_M20_A2_F10_MF	
35	19667	GM_M20_A2_F10		GM_M20_A2_F10_MR
	19668	GM_M20_A2_F11	GM_M20_A2_F11_MF	
	19669	GM_M20_A2_F11		GM_M20_A2_F11_MR
	19670	GM_M20_A2_F12	GM_M20_A2_F12_MF	
	19671	GM_M20_A2_F12		GM_M20_A2_F12_MR
40	19672	GM_M20_A2_G01	GM_M20_A2_G01_MF	
	19673	GM_M20_A2_G01		GM_M20_A2_G01_MR
	19674	GM_M20_A2_G02	GM_M20_A2_G02_MF	
	19675	GM_M20_A2_G02		GM_M20_A2_G02_MR
	19676	GM_M20_A2_G03	GM_M20_A2_G03_MF	
45	19677	GM_M20_A2_G03		GM_M20_A2_G03_MR
	19678	GM_M20_A2_G04	GM_M20_A2_G04_MF	
	19679	GM_M20_A2_G04		GM_M20_A2_G04_MR
	19680	GM_M20_A2_G05	GM_M20_A2_G05_MF	
	19681	GM_M20_A2_G05		GM_M20_A2_G05_MR
50	19682	GM_M20_A2_G06	GM_M20_A2_G06_MF	
	19683	GM_M20_A2_G06		GM_M20_A2_G06_MR
	19684	GM_M20_A2_G07	GM_M20_A2_G07_MF	
	19685	GM_M20_A2_G07		GM_M20_A2_G07_MR
	19686	GM_M20_A2_G08	GM_M20_A2_G08_MF	
55	19687	GM_M20_A2_G08		GM_M20_A2_G08_MR

	19688	GM_M20_A2_G09	GM_M20_A2_G09_MF	
	19689	GM_M20_A2_G09		GM_M20_A2_G09_MR
	19690	GM_M20_A2_G10	GM_M20_A2_G10_MF	
	19691	GM_M20_A2_G10		GM_M20_A2_G10_MR
5	19692	GM_M20_A2_G11	GM_M20_A2_G11_MF	
	19693	GM_M20_A2_G11		GM_M20_A2_G11_MR
	19694	GM_M20_A2_G12	GM_M20_A2_G12_MF	
	19695	GM_M20_A2_G12		GM_M20_A2_G12_MR
	19696	GM_M20_A2_H01	GM_M20_A2_H01_MF	
10	19697	GM_M20_A2_H01		GM_M20_A2_H01_MR
	19698	GM_M20_A2_H02	GM_M20_A2_H02_MF	
	19699	GM_M20_A2_H02		GM_M20_A2_H02_MR
	19700	GM_M20_A2_H03	GM_M20_A2_H03_MF	
	19701	GM_M20_A2_H03		GM_M20_A2_H03_MR
15	19702	GM_M20_A2_H04	GM_M20_A2_H04_MF	
	19703	GM_M20_A2_H04		GM_M20_A2_H04_MR
	19704	GM_M20_A2_H05	GM_M20_A2_H05_MF	
	19705	GM_M20_A2_H05		GM_M20_A2_H05_MR
	19706	GM_M20_A2_H06	GM_M20_A2_H06_MF	
20	19707	GM_M20_A2_H06		GM_M20_A2_H06_MR
	19708	GM_M20_A2_H07	GM_M20_A2_H07_MF	
	19709	GM_M20_A2_H07		GM_M20_A2_H07_MR
	19710	GM_M20_A2_H08	GM_M20_A2_H08_MF	
	19711	GM_M20_A2_H08		GM_M20_A2_H08_MR
25	19712	GM_M20_A2_H09	GM_M20_A2_H09_MF	
	19713	GM_M20_A2_H09		GM_M20_A2_H09_MR
	19714	GM_M20_A2_H10	GM_M20_A2_H10_MF	
	19715	GM_M20_A2_H10		GM_M20_A2_H10_MR
	19716	GM_M20_A2_H11		GM_M20_A2_H11_MR
30	19717	GM_M20_A2_H12	GM_M20_A2_H12_MF	
	19718	GM_M20_A2_H12		GM_M20_A2_H12_MR
	19719	GM_M20_B1_A01	GM_M20_B1_A01_MF	
	19720	GM_M20_B1_A02	GM_M20_B1_A02_MF	
	19721	GM_M20_B1_A02		GM_M20_B1_A02_MR
35	19722	GM_M20_B1_A03	GM_M20_B1_A03_MF	
	19723	GM_M20_B1_A03		GM_M20_B1_A03_MR
	19724	GM_M20_B1_A04	GM_M20_B1_A04_MF	
	19725	GM_M20_B1_A04		GM_M20_B1_A04_MR
	19726	GM_M20_B1_A05	GM_M20_B1_A05_MF	
40	19727	GM_M20_B1_A05		GM_M20_B1_A05_MR
	19728	GM_M20_B1_A06	GM_M20_B1_A06_MF	
	19729	GM_M20_B1_A06		GM_M20_B1_A06_MR
	19730	GM_M20_B1_A07	GM_M20_B1_A07_MF	
	19731	GM_M20_B1_A07		GM_M20_B1_A07_MR
45	19732	GM_M20_B1_A08	GM_M20_B1_A08_MF	
	19733	GM_M20_B1_A08		GM_M20_B1_A08_MR
	19734	GM_M20_B1_A09	GM_M20_B1_A09_MF	
	19735	GM_M20_B1_A09		GM_M20_B1_A09_MR
	19736	GM_M20_B1_A10	GM_M20_B1_A10_MF	
50	19737	GM_M20_B1_A10		GM_M20_B1_A10_MR
	19738	GM_M20_B1_A11	GM_M20_B1_A11_MF	
	19739	GM_M20_B1_A11		GM_M20_B1_A11_MR
	19740	GM_M20_B1_A12	GM_M20_B1_A12_MF	
	19741	GM_M20_B1_A12		GM_M20_B1_A12_MR
55	19742	GM_M20_B1_B01	GM_M20_B1_B01_MF	

	19743	GM_M20_B1_B01		GM_M20_B1_B01_MR
	19744	GM_M20_B1_B02	GM_M20_B1_B02_MF	
	19745	GM_M20_B1_B02		GM_M20_B1_B02_MR
	19746	GM_M20_B1_B03	GM_M20_B1_B03_MF	
5	19747	GM_M20_B1_B03		GM_M20_B1_B03_MR
	19748	GM_M20_B1_B04	GM_M20_B1_B04_MF	
	19749	GM_M20_B1_B04		GM_M20_B1_B04_MR
	19750	GM_M20_B1_B05	GM_M20_B1_B05_MF	
	19751	GM_M20_B1_B05		GM_M20_B1_B05_MR
10	19752	GM_M20_B1_B06	GM_M20_B1_B06_MF	
	19753	GM_M20_B1_B07	GM_M20_B1_B07_MF	
	19754	GM_M20_B1_B07		GM_M20_B1_B07_MR
	19755	GM_M20_B1_B08	GM_M20_B1_B08_MF	
	19756	GM_M20_B1_B08		GM_M20_B1_B08_MR
15	19757	GM_M20_B1_B09	GM_M20_B1_B09_MF	
	19758	GM_M20_B1_B09		GM_M20_B1_B09_MR
	19759	GM_M20_B1_B10	GM_M20_B1_B10_MF	
	19760	GM_M20_B1_B10		GM_M20_B1_B10_MR
	19761	GM_M20_B1_B11	GM_M20_B1_B11_MF	
20	19762	GM_M20_B1_B11		GM_M20_B1_B11_MR
	19763	GM_M20_B1_B12	GM_M20_B1_B12_MF	
	19764	GM_M20_B1_B12		GM_M20_B1_B12_MR
	19765	GM_M20_B1_C01	GM_M20_B1_C01_MF	
	19766	GM_M20_B1_C01		GM_M20_B1_C01_MR
25	19767	GM_M20_B1_C02	GM_M20_B1_C02_MF	
	19768	GM_M20_B1_C02		GM_M20_B1_C02_MR
	19769	GM_M20_B1_C03	GM_M20_B1_C03_MF	
	19770	GM_M20_B1_C03		GM_M20_B1_C03_MR
	19771	GM_M20_B1_C04	GM_M20_B1_C04_MF	
30	19772	GM_M20_B1_C04		GM_M20_B1_C04_MR
	19773	GM_M20_B1_C05	GM_M20_B1_C05_MF	
	19774	GM_M20_B1_C06	GM_M20_B1_C06_MF	
	19775	GM_M20_B1_C06		GM_M20_B1_C06_MR
	19776	GM_M20_B1_C07	GM_M20_B1_C07_MF	
35	19777	GM_M20_B1_C07		GM_M20_B1_C07_MR
	19778	GM_M20_B1_C08	GM_M20_B1_C08_MF	
	19779	GM_M20_B1_C08		GM_M20_B1_C08_MR
	19780	GM_M20_B1_C09	GM_M20_B1_C09_MF	
	19781	GM_M20_B1_C10	GM_M20_B1_C10_MF	
40	19782	GM_M20_B1_C10		GM_M20_B1_C10_MR
	19783	GM_M20_B1_C11	GM_M20_B1_C11_MF	
	19784	GM_M20_B1_C11		GM_M20_B1_C11_MR
	19785	GM_M20_B1_C12	GM_M20_B1_C12_MF	
	19786	GM_M20_B1_C12		GM_M20_B1_C12_MR
45	19787	GM_M20_B1_D01	GM_M20_B1_D01_MF	
	19788	GM_M20_B1_D01		GM_M20_B1_D01_MR
	19789	GM_M20_B1_D02	GM_M20_B1_D02_MF	
	19790	GM_M20_B1_D02		GM_M20_B1_D02_MR
	19791	GM_M20_B1_D03	GM_M20_B1_D03_MF	
50	19792	GM_M20_B1_D03		GM_M20_B1_D03_MR
	19793	GM_M20_B1_D04	GM_M20_B1_D04_MF	
	19794	GM_M20_B1_D04		GM_M20_B1_D04_MR
	19795	GM_M20_B1_D05	GM_M20_B1_D05_MF	
	19796	GM_M20_B1_D05		GM_M20_B1_D05_MR
55	19797	GM_M20_B1_D06	GM_M20_B1_D06_MF	

	19798	GM_M20_B1_D06		GM_M20_B1_D06_MR
	19799	GM_M20_B1_D07	GM_M20_B1_D07_MF	
	19800	GM_M20_B1_D07		GM_M20_B1_D07_MR
	19801	GM_M20_B1_D08	GM_M20_B1_D08_MF	
5	19802	GM_M20_B1_D08		GM_M20_B1_D08_MR
	19803	GM_M20_B1_D09	GM_M20_B1_D09_MF	
	19804	GM_M20_B1_D09		GM_M20_B1_D09_MR
	19805	GM_M20_B1_D10	GM_M20_B1_D10_MF	
	19806	GM_M20_B1_D10		GM_M20_B1_D10_MR
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	19808	GM_M20_B1_D11		GM_M20_B1_D11_MR
	19809	GM_M20_B1_D12	GM_M20_B1_D12_MF	
	19810	GM_M20_B1_D12		GM_M20_B1_D12_MR
	19811	GM_M20_B1_E01	GM_M20_B1_E01_MF	
15	19812	GM_M20_B1_E01		GM_M20_B1_E01_MR
	19813	GM_M20_B1_E02	GM_M20_B1_E02_MF	
	19814	GM_M20_B1_E02		GM_M20_B1_E02_MR
	19815	GM_M20_B1_E03	GM_M20_B1_E03_MF	
	19816	GM_M20_B1_E03		GM_M20_B1_E03_MR
20	19817	GM_M20_B1_E04	GM_M20_B1_E04_MF	
	19818	GM_M20_B1_E04		GM_M20_B1_E04_MR
	19819	GM_M20_B1_E05	GM_M20_B1_E05_MF	
	19820	GM_M20_B1_E05		GM_M20_B1_E05_MR
	19821	GM_M20_B1_E06	GM_M20_B1_E06_MF	
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	19823	GM_M20_B1_E07	GM_M20_B1_E07_MF	
	19824	GM_M20_B1_E07		GM_M20_B1_E07_MR
	19825	GM_M20_B1_E08	GM_M20_B1_E08_MF	
	19826	GM_M20_B1_E08		GM_M20_B1_E08_MR
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	19829	GM_M20_B1_E10	GM_M20_B1_E10_MF	
	19830	GM_M20_B1_E10		GM_M20_B1_E10_MR
	19831	GM_M20_B1_E11	GM_M20_B1_E11_MF	
35	19832	GM_M20_B1_E11		GM_M20_B1_E11_MR
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	19834	GM_M20_B1_E12		GM_M20_B1_E12_MR
	19835	GM_M20_B1_F01	GM_M20_B1_F01_MF	
	19836	GM_M20_B1_F01		GM_M20_B1_F01_MR
40	19837	GM_M20_B1_F02	GM_M20_B1_F02_MF	
	19838	GM_M20_B1_F02		GM_M20_B1_F02_MR
	19839	GM_M20_B1_F03	GM_M20_B1_F03_MF	
	19840	GM_M20_B1_F03		GM_M20_B1_F03_MR
	19841	GM_M20_B1_F04	GM_M20_B1_F04_MF	
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	19843	GM_M20_B1_F05	GM_M20_B1_F05_MF	
	19844	GM_M20_B1_F05		GM_M20_B1_F05_MR
	19845	GM_M20_B1_F06	GM_M20_B1_F06_MF	
	19846	GM_M20_B1_F06		GM_M20_B1_F06_MR
50	19847	GM_M20_B1_F07	GM_M20_B1_F07_MF	
	19848	GM_M20_B1_F07		GM_M20_B1_F07_MR
	19849	GM_M20_B1_F08	GM_M20_B1_F08_MF	
	19850	GM_M20_B1_F08		GM_M20_B1_F08_MR
	19851	GM_M20_B1_F09	GM_M20_B1_F09_MF	
55	19852	GM_M20_B1_F09		GM_M20_B1_F09_MR

	19853	GM_M20_B1_F10	GM_M20_B1_F10_MF	
	19854	GM_M20_B1_F10		GM_M20_B1_F10_MR
	19855	GM_M20_B1_F11	GM_M20_B1_F11_MF	
	19856	GM_M20_B1_F11		GM_M20_B1_F11_MR
5	19857	GM_M20_B1_F12	GM_M20_B1_F12_MF	
	19858	GM_M20_B1_F12		GM_M20_B1_F12_MR
	19859	GM_M20_B1_G01	GM_M20_B1_G01_MF	
	19860	GM_M20_B1_G01		GM_M20_B1_G01_MR
	19861	GM_M20_B1_G02	GM_M20_B1_G02_MF	
10	19862	GM_M20_B1_G02		GM_M20_B1_G02_MR
	19863	GM_M20_B1_G03	GM_M20_B1_G03_MF	
	19864	GM_M20_B1_G03		GM_M20_B1_G03_MR
	19865	GM_M20_B1_G04	GM_M20_B1_G04_MF	
	19866	GM_M20_B1_G04		GM_M20_B1_G04_MR
15	19867	GM_M20_B1_G05	GM_M20_B1_G05_MF	
	19868	GM_M20_B1_G05		GM_M20_B1_G05_MR
	19869	GM_M20_B1_G06	GM_M20_B1_G06_MF	
	19870	GM_M20_B1_G06		GM_M20_B1_G06_MR
	19871	GM_M20_B1_G07	GM_M20_B1_G07_MF	
20	19872	GM_M20_B1_G07		GM_M20_B1_G07_MR
	19873	GM_M20_B1_G08	GM_M20_B1_G08_MF	
	19874	GM_M20_B1_G09	GM_M20_B1_G09_MF	
	19875	GM_M20_B1_G09		GM_M20_B1_G09_MR
	19876	GM_M20_B1_G10	GM_M20_B1_G10_MF	
25	19877	GM_M20_B1_G10		GM_M20_B1_G10_MR
	19878	GM_M20_B1_G11	GM_M20_B1_G11_MF	
	19879	GM_M20_B1_G11		GM_M20_B1_G11_MR
	19880	GM_M20_B1_G12	GM_M20_B1_G12_MF	
	19881	GM_M20_B1_G12		GM_M20_B1_G12_MR
30	19882	GM_M20_B1_H01	GM_M20_B1_H01_MF	
	19883	GM_M20_B1_H01		GM_M20_B1_H01_MR
	19884	GM_M20_B1_H02	GM_M20_B1_H02_MF	
	19885	GM_M20_B1_H02		GM_M20_B1_H02_MR
	19886	GM_M20_B1_H03	GM_M20_B1_H03_MF	
35	19887	GM_M20_B1_H03		GM_M20_B1_H03_MR
	19888	GM_M20_B1_H04	GM_M20_B1_H04_MF	
	19889	GM_M20_B1_H04		GM_M20_B1_H04_MR
	19890	GM_M20_B1_H05	GM_M20_B1_H05_MF	
	19891	GM_M20_B1_H05		GM_M20_B1_H05_MR
40	19892	GM_M20_B1_H06	GM_M20_B1_H06_MF	
	19893	GM_M20_B1_H06		GM_M20_B1_H06_MR
	19894	GM_M20_B1_H07	GM_M20_B1_H07_MF	
	19895	GM_M20_B1_H07		GM_M20_B1_H07_MR
	19896	GM_M20_B1_H08	GM_M20_B1_H08_MF	
45	19897	GM_M20_B1_H08		GM_M20_B1_H08_MR
	19898	GM_M20_B1_H09	GM_M20_B1_H09_MF	
	19899	GM_M20_B1_H09		GM_M20_B1_H09_MR
	19900	GM_M20_B1_H10	GM_M20_B1_H10_MF	
	19901	GM_M20_B1_H10		GM_M20_B1_H10_MR
50	19902	GM_M20_B1_H11	GM_M20_B1_H11_MF	
	19903	GM_M20_B1_H11		GM_M20_B1_H11_MR
	19904	GM_M20_B1_H12	GM_M20_B1_H12_MF	
	19905	GM_M20_B1_H12		GM_M20_B1_H12_MR
	19906	GM_M20_B2_A01	GM_M20_B2_A01_MF	
55	19907	GM_M20_B2_A01		GM_M20_B2_A01_MR

	19908	GM_M20_B2_A02	GM_M20_B2_A02_MF	
	19909	GM_M20_B2_A03	GM_M20_B2_A03_MF	
	19910	GM_M20_B2_A03		GM_M20_B2_A03_MR
	19911	GM_M20_B2_A04	GM_M20_B2_A04_MF	
5	19912	GM_M20_B2_A04		GM_M20_B2_A04_MR
	19913	GM_M20_B2_A05	GM_M20_B2_A05_MF	
	19914	GM_M20_B2_A05		GM_M20_B2_A05_MR
	19915	GM_M20_B2_A06	GM_M20_B2_A06_MF	
	19916	GM_M20_B2_A06		GM_M20_B2_A06_MR
10	19917	GM_M20_B2_A07	GM_M20_B2_A07_MF	
	19918	GM_M20_B2_A07		GM_M20_B2_A07_MR
	19919	GM_M20_B2_A08	GM_M20_B2_A08_MF	
	19920	GM_M20_B2_A08		GM_M20_B2_A08_MR
	19921	GM_M20_B2_A09	GM_M20_B2_A09_MF	
15	19922	GM_M20_B2_A10	GM_M20_B2_A10_MF	
	19923	GM_M20_B2_A10		GM_M20_B2_A10_MR
	19924	GM_M20_B2_A11	GM_M20_B2_A11_MF	
	19925	GM_M20_B2_A11		GM_M20_B2_A11_MR
	19926	GM_M20_B2_A12	GM_M20_B2_A12_MF	
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	19928	GM_M20_B2_B01	GM_M20_B2_B01_MF	
	19929	GM_M20_B2_B01		GM_M20_B2_B01_MR
	19930	GM_M20_B2_B02	GM_M20_B2_B02_MF	
	19931	GM_M20_B2_B02		GM_M20_B2_B02_MR
25	19932	GM_M20_B2_B03	GM_M20_B2_B03_MF	
	19933	GM_M20_B2_B03		GM_M20_B2_B03_MR
	19934	GM_M20_B2_B04	GM_M20_B2_B04_MF	
	19935	GM_M20_B2_B04		GM_M20_B2_B04_MR
	19936	GM_M20_B2_B05	GM_M20_B2_B05_MF	
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	19938	GM_M20_B2_B06	GM_M20_B2_B06_MF	
	19939	GM_M20_B2_B06		GM_M20_B2_B06_MR
	19940	GM_M20_B2_B08	GM_M20_B2_B08_MF	
	19941	GM_M20_B2_B08		GM_M20_B2_B08_MR
35	19942	GM_M20_B2_B09	GM_M20_B2_B09_MF	
	19943	GM_M20_B2_B09		GM_M20_B2_B09_MR
	19944	GM_M20_B2_B10	GM_M20_B2_B10_MF	
	19945	GM_M20_B2_B10		GM_M20_B2_B10_MR
	19946	GM_M20_B2_B11	GM_M20_B2_B11_MF	
40	19947	GM_M20_B2_B11		GM_M20_B2_B11_MR
	19948	GM_M20_B2_B12	GM_M20_B2_B12_MF	
	19949	GM_M20_B2_B12		GM_M20_B2_B12_MR
	19950	GM_M20_B2_C01	GM_M20_B2_C01_MF	
	19951	GM_M20_B2_C01		GM_M20_B2_C01_MR
45	19952	GM_M20_B2_C02	GM_M20_B2_C02_MF	
	19953	GM_M20_B2_C02		GM_M20_B2_C02_MR
	19954	GM_M20_B2_C03	GM_M20_B2_C03_MF	
	19955	GM_M20_B2_C03		GM_M20_B2_C03_MR
	19956	GM_M20_B2_C04	GM_M20_B2_C04_MF	
50	19957	GM_M20_B2_C04		GM_M20_B2_C04_MR
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	19960	GM_M20_B2_C06	GM_M20_B2_C06_MF	
	19961	GM_M20_B2_C06		GM_M20_B2_C06_MR
55	19962	GM_M20_B2_C07	GM_M20_B2_C07_MF	

	19963	GM_M20_B2_C07		GM_M20_B2_C07_MR
	19964	GM_M20_B2_C08	GM_M20_B2_C08_MF	
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	19966	GM_M20_B2_C09	GM_M20_B2_C09_MF	
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	19968	GM_M20_B2_C10	GM_M20_B2_C10_MF	
	19969	GM_M20_B2_C10		GM_M20_B2_C10_MR
	19970	GM_M20_B2_C11	GM_M20_B2_C11_MF	
	19971	GM_M20_B2_C11		GM_M20_B2_C11_MR
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	19974	GM_M20_B2_D01	GM_M20_B2_D01_MF	
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	19976	GM_M20_B2_D02	GM_M20_B2_D02_MF	
15	19977	GM_M20_B2_D02		GM_M20_B2_D02_MR
	19978	GM_M20_B2_D03	GM_M20_B2_D03_MF	
	19979	GM_M20_B2_D03		GM_M20_B2_D03_MR
	19980	GM_M20_B2_D04	GM_M20_B2_D04_MF	
	19981	GM_M20_B2_D04		GM_M20_B2_D04_MR
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	19984	GM_M20_B2_D06	GM_M20_B2_D06_MF	
	19985	GM_M20_B2_D06		GM_M20_B2_D06_MR
	19986	GM_M20_B2_D08	GM_M20_B2_D08_MF	
25	19987	GM_M20_B2_D08		GM_M20_B2_D08_MR
	19988	GM_M20_B2_D09	GM_M20_B2_D09_MF	
	19989	GM_M20_B2_D09		GM_M20_B2_D09_MR
	19990	GM_M20_B2_D11	GM_M20_B2_D11_MF	
	19991	GM_M20_B2_D11		GM_M20_B2_D11_MR
30	19992	GM_M20_B2_D12		GM_M20_B2_D12_MR
	19993	GM_M20_B2_E01	GM_M20_B2_E01_MF	
	19994	GM_M20_B2_E01		GM_M20_B2_E01_MR
	19995	GM_M20_B2_E02	GM_M20_B2_E02_MF	
	19996	GM_M20_B2_E02		GM_M20_B2_E02_MR
35	19997	GM_M20_B2_E03	GM_M20_B2_E03_MF	
	19998	GM_M20_B2_E04	GM_M20_B2_E04_MF	
	19999	GM_M20_B2_E04		GM_M20_B2_E04_MR
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	20001	GM_M20_B2_E05		GM_M20_B2_E05_MR
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	20004	GM_M20_B2_E08		GM_M20_B2_E08_MR
	20005	GM_M20_B2_E09	GM_M20_B2_E09_MF	
	20006	GM_M20_B2_E09		GM_M20_B2_E09_MR
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	20009	GM_M20_B2_E11	GM_M20_B2_E11_MF	
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	20014	GM_M20_B2_F01		GM_M20_B2_F01_MR
	20015	GM_M20_B2_F02	GM_M20_B2_F02_MF	
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55	20017	GM_M20_B2_F03	GM_M20_B2_F03_MF	

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	20019	GM_M20_B2_F04	GM_M20_B2_F04_MF	
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	20021	GM_M20_B2_F05	GM_M20_B2_F05_MF	
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	20023	GM_M20_B2_F06	GM_M20_B2_F06_MF	
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	20025	GM_M20_B2_F07	GM_M20_B2_F07_MF	
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	20034	GM_M20_B2_F11		GM_M20_B2_F11_MR
	20035	GM_M20_B2_F12	GM_M20_B2_F12_MF	
	20036	GM_M20_B2_F12		GM_M20_B2_F12_MR
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	20039	GM_M20_B2_G02	GM_M20_B2_G02_MF	
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	20041	GM_M20_B2_G04	GM_M20_B2_G04_MF	
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	20043	GM_M20_B2_G05	GM_M20_B2_G05_MF	
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	20045	GM_M20_B2_G06	GM_M20_B2_G06_MF	
	20046	GM_M20_B2_G06		GM_M20_B2_G06_MR
30	20047	GM_M20_B2_G07	GM_M20_B2_G07_MF	
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	20049	GM_M20_B2_G08	GM_M20_B2_G08_MF	
	20050	GM_M20_B2_G08		GM_M20_B2_G08_MR
	20051	GM_M20_B2_G09	GM_M20_B2_G09_MF	
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	20054	GM_M20_B2_G11		GM_M20_B2_G11_MR
	20055	GM_M20_B2_G12	GM_M20_B2_G12_MF	
	20056	GM_M20_B2_G12		GM_M20_B2_G12_MR
40	20057	GM_M20_B2_H01	GM_M20_B2_H01_MF	
	20058	GM_M20_B2_H01		GM_M20_B2_H01_MR
	20059	GM_M20_B2_H02	GM_M20_B2_H02_MF	
	20060	GM_M20_B2_H02		GM_M20_B2_H02_MR
	20061	GM_M20_B2_H03	GM_M20_B2_H03_MF	
45	20062	GM_M20_B2_H03		GM_M20_B2_H03_MR
	20063	GM_M20_B2_H04	GM_M20_B2_H04_MF	
	20064	GM_M20_B2_H04		GM_M20_B2_H04_MR
	20065	GM_M20_B2_H05		GM_M20_B2_H05_MR
	20066	GM_M20_B2_H06	GM_M20_B2_H06_MF	
50	20067	GM_M20_B2_H06		GM_M20_B2_H06_MR
	20068	GM_M20_B2_H07	GM_M20_B2_H07_MF	
	20069	GM_M20_B2_H07		GM_M20_B2_H07_MR
	20070	GM_M20_B2_H08	GM_M20_B2_H08_MF	
	20071	GM_M20_B2_H09	GM_M20_B2_H09_MF	
55	20072	GM_M20_B2_H09		GM_M20_B2_H09_MR

	20073	GM_M20_B2_H10		GM_M20_B2_H10_MR
	20074	GM_M20_B2_H11		GM_M20_B2_H11_MR
	20075	GM_M20_B2_H12	GM_M20_B2_H12_MF	
	20076	GM_M20_B2_H12		GM_M20_B2_H12_MR
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	20078	GM_M21_A1_A02	GM_M21_A1_A02_MF	
	20079	GM_M21_A1_A02		GM_M21_A1_A02_MR
	20080	GM_M21_A1_A03	GM_M21_A1_A03_MF	
	20081	GM_M21_A1_A03		GM_M21_A1_A03_MR
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	20083	GM_M21_A1_A04		GM_M21_A1_A04_MR
	20084	GM_M21_A1_A05		GM_M21_A1_A05_MR
	20085	GM_M21_A1_A06	GM_M21_A1_A06_MF	
	20086	GM_M21_A1_A06		GM_M21_A1_A06_MR
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	20089	GM_M21_A1_A08	GM_M21_A1_A08_MF	
	20090	GM_M21_A1_A08		GM_M21_A1_A08_MR
	20091	GM_M21_A1_A09	GM_M21_A1_A09_MF	
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	20093	GM_M21_A1_A10	GM_M21_A1_A10_MF	
	20094	GM_M21_A1_A10		GM_M21_A1_A10_MR
	20095	GM_M21_A1_A11	GM_M21_A1_A11_MF	
	20096	GM_M21_A1_A11		GM_M21_A1_A11_MR
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	20098	GM_M21_A1_A12		GM_M21_A1_A12_MR
	20099	GM_M21_A1_B01	GM_M21_A1_B01_MF	
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	20101	GM_M21_A1_B02	GM_M21_A1_B02_MF	
30	20102	GM_M21_A1_B02		GM_M21_A1_B02_MR
	20103	GM_M21_A1_B03	GM_M21_A1_B03_MF	
	20104	GM_M21_A1_B03		GM_M21_A1_B03_MR
	20105	GM_M21_A1_B04	GM_M21_A1_B04_MF	
	20106	GM_M21_A1_B04		GM_M21_A1_B04_MR
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	20109	GM_M21_A1_B06	GM_M21_A1_B06_MF	
	20110	GM_M21_A1_B06		GM_M21_A1_B06_MR
	20111	GM_M21_A1_B07	GM_M21_A1_B07_MF	
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	20115	GM_M21_A1_B09	GM_M21_A1_B09_MF	
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	20119	GM_M21_A1_B11	GM_M21_A1_B11_MF	
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	20125	GM_M21_A1_C02	GM_M21_A1_C02_MF	
	20126	GM_M21_A1_C02		GM_M21_A1_C02_MR
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	20129	GM_M21_A1_C04	GM_M21_A1_C04_MF	
	20130	GM_M21_A1_C04		GM_M21_A1_C04_MR
	20131	GM_M21_A1_C05	GM_M21_A1_C05_MF	
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	20139	GM_M21_A1_C09	GM_M21_A1_C09_MF	
	20140	GM_M21_A1_C09		GM_M21_A1_C09_MR
	20141	GM_M21_A1_C10	GM_M21_A1_C10_MF	
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	20143	GM_M21_A1_C11	GM_M21_A1_C11_MF	
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	20145	GM_M21_A1_C12	GM_M21_A1_C12_MF	
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	20149	GM_M21_A1_D02	GM_M21_A1_D02_MF	
	20150	GM_M21_A1_D02		GM_M21_A1_D02_MR
	20151	GM_M21_A1_D03	GM_M21_A1_D03_MF	
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	20153	GM_M21_A1_D04	GM_M21_A1_D04_MF	
	20154	GM_M21_A1_D04		GM_M21_A1_D04_MR
	20155	GM_M21_A1_D05	GM_M21_A1_D05_MF	
	20156	GM_M21_A1_D05		GM_M21_A1_D05_MR
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	20158	GM_M21_A1_D06		GM_M21_A1_D06_MR
	20159	GM_M21_A1_D07	GM_M21_A1_D07_MF	
	20160	GM_M21_A1_D07		GM_M21_A1_D07_MR
	20161	GM_M21_A1_D08	GM_M21_A1_D08_MF	
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	20163	GM_M21_A1_D09	GM_M21_A1_D09_MF	
	20164	GM_M21_A1_D09		GM_M21_A1_D09_MR
	20165	GM_M21_A1_D10	GM_M21_A1_D10_MF	
	20166	GM_M21_A1_D10		GM_M21_A1_D10_MR
40	20167	GM_M21_A1_D11	GM_M21_A1_D11_MF	
	20168	GM_M21_A1_D11		GM_M21_A1_D11_MR
	20169	GM_M21_A1_D12	GM_M21_A1_D12_MF	
	20170	GM_M21_A1_D12		GM_M21_A1_D12_MR
	20171	GM_M21_A1_E01	GM_M21_A1_E01_MF	
45	20172	GM_M21_A1_E01		GM_M21_A1_E01_MR
	20173	GM_M21_A1_E02	GM_M21_A1_E02_MF	
	20174	GM_M21_A1_E02		GM_M21_A1_E02_MR
	20175	GM_M21_A1_E03	GM_M21_A1_E03_MF	
	20176	GM_M21_A1_E03		GM_M21_A1_E03_MR
50	20177	GM_M21_A1_E04	GM_M21_A1_E04_MF	
	20178	GM_M21_A1_E04		GM_M21_A1_E04_MR
	20179	GM_M21_A1_E05	GM_M21_A1_E05_MF	
	20180	GM_M21_A1_E05		GM_M21_A1_E05_MR
	20181	GM_M21_A1_E06	GM_M21_A1_E06_MF	
55	20182	GM_M21_A1_E06		GM_M21_A1_E06_MR

	20183	GM_M21_A1_E07		GM_M21_A1_E07_MR
	20184	GM_M21_A1_E08	GM_M21_A1_E08_MF	
	20185	GM_M21_A1_E08		GM_M21_A1_E08_MR
	20186	GM_M21_A1_E09	GM_M21_A1_E09_MF	
5	20187	GM_M21_A1_E09		GM_M21_A1_E09_MR
	20188	GM_M21_A1_E10	GM_M21_A1_E10_MF	
	20189	GM_M21_A1_E10		GM_M21_A1_E10_MR
	20190	GM_M21_A1_E11	GM_M21_A1_E11_MF	
	20191	GM_M21_A1_E11		GM_M21_A1_E11_MR
10	20192	GM_M21_A1_E12	GM_M21_A1_E12_MF	
	20193	GM_M21_A1_E12		GM_M21_A1_E12_MR
	20194	GM_M21_A1_F01	GM_M21_A1_F01_MF	
	20195	GM_M21_A1_F01		GM_M21_A1_F01_MR
	20196	GM_M21_A1_F02	GM_M21_A1_F02_MF	
15	20197	GM_M21_A1_F02		GM_M21_A1_F02_MR
	20198	GM_M21_A1_F03	GM_M21_A1_F03_MF	
	20199	GM_M21_A1_F03		GM_M21_A1_F03_MR
	20200	GM_M21_A1_F04	GM_M21_A1_F04_MF	
	20201	GM_M21_A1_F04		GM_M21_A1_F04_MR
20	20202	GM_M21_A1_F05	GM_M21_A1_F05_MF	
	20203	GM_M21_A1_F05		GM_M21_A1_F05_MR
	20204	GM_M21_A1_F06	GM_M21_A1_F06_MF	
	20205	GM_M21_A1_F06		GM_M21_A1_F06_MR
	20206	GM_M21_A1_F07	GM_M21_A1_F07_MF	
25	20207	GM_M21_A1_F07		GM_M21_A1_F07_MR
	20208	GM_M21_A1_F08	GM_M21_A1_F08_MF	
	20209	GM_M21_A1_F08		GM_M21_A1_F08_MR
	20210	GM_M21_A1_F09	GM_M21_A1_F09_MF	
	20211	GM_M21_A1_F09		GM_M21_A1_F09_MR
30	20212	GM_M21_A1_F10	GM_M21_A1_F10_MF	
	20213	GM_M21_A1_F10		GM_M21_A1_F10_MR
	20214	GM_M21_A1_F11	GM_M21_A1_F11_MF	
	20215	GM_M21_A1_F11		GM_M21_A1_F11_MR
	20216	GM_M21_A1_F12	GM_M21_A1_F12_MF	
35	20217	GM_M21_A1_F12		GM_M21_A1_F12_MR
	20218	GM_M21_A1_G01		GM_M21_A1_G01_MR
	20219	GM_M21_A1_G02	GM_M21_A1_G02_MF	
	20220	GM_M21_A1_G02		GM_M21_A1_G02_MR
	20221	GM_M21_A1_G03	GM_M21_A1_G03_MF	
40	20222	GM_M21_A1_G03		GM_M21_A1_G03_MR
	20223	GM_M21_A1_G04	GM_M21_A1_G04_MF	
	20224	GM_M21_A1_G04		GM_M21_A1_G04_MR
	20225	GM_M21_A1_G05	GM_M21_A1_G05_MF	
	20226	GM_M21_A1_G05		GM_M21_A1_G05_MR
45	20227	GM_M21_A1_G06	GM_M21_A1_G06_MF	
	20228	GM_M21_A1_G06		GM_M21_A1_G06_MR
	20229	GM_M21_A1_G07	GM_M21_A1_G07_MF	
	20230	GM_M21_A1_G07		GM_M21_A1_G07_MR
	20231	GM_M21_A1_G08	GM_M21_A1_G08_MF	
50	20232	GM_M21_A1_G08		GM_M21_A1_G08_MR
	20233	GM_M21_A1_G09	GM_M21_A1_G09_MF	
	20234	GM_M21_A1_G09		GM_M21_A1_G09_MR
	20235	GM_M21_A1_G10	GM_M21_A1_G10_MF	
	20236	GM_M21_A1_G10		GM_M21_A1_G10_MR
55	20237	GM_M21_A1_G11	GM_M21_A1_G11_MF	

	20238	GM_M21_A1_G11		GM_M21_A1_G11_MR
	20239	GM_M21_A1_G12	GM_M21_A1_G12_MF	
	20240	GM_M21_A1_G12		GM_M21_A1_G12_MR
	20241	GM_M21_A1_H01	GM_M21_A1_H01_MF	
5	20242	GM_M21_A1_H01		GM_M21_A1_H01_MR
	20243	GM_M21_A1_H02	GM_M21_A1_H02_MF	
	20244	GM_M21_A1_H02		GM_M21_A1_H02_MR
	20245	GM_M21_A1_H03	GM_M21_A1_H03_MF	
	20246	GM_M21_A1_H03		GM_M21_A1_H03_MR
10	20247	GM_M21_A1_H04	GM_M21_A1_H04_MF	
	20248	GM_M21_A1_H04		GM_M21_A1_H04_MR
	20249	GM_M21_A1_H05	GM_M21_A1_H05_MF	
	20250	GM_M21_A1_H05		GM_M21_A1_H05_MR
	20251	GM_M21_A1_H06	GM_M21_A1_H06_MF	
15	20252	GM_M21_A1_H06		GM_M21_A1_H06_MR
	20253	GM_M21_A1_H07	GM_M21_A1_H07_MF	
	20254	GM_M21_A1_H07		GM_M21_A1_H07_MR
	20255	GM_M21_A1_H08	GM_M21_A1_H08_MF	
	20256	GM_M21_A1_H08		GM_M21_A1_H08_MR
20	20257	GM_M21_A1_H10	GM_M21_A1_H10_MF	
	20258	GM_M21_A1_H10		GM_M21_A1_H10_MR
	20259	GM_M21_A1_H11	GM_M21_A1_H11_MF	
	20260	GM_M21_A1_H11		GM_M21_A1_H11_MR
	20261	GM_M21_A1_H12	GM_M21_A1_H12_MF	
25	20262	GM_M21_A1_H12		GM_M21_A1_H12_MR
	20263	GM_M21_A2_A01	GM_M21_A2_A01_MF	
	20264	GM_M21_A2_A01		GM_M21_A2_A01_MR
	20265	GM_M21_A2_A02	GM_M21_A2_A02_MF	
	20266	GM_M21_A2_A02		GM_M21_A2_A02_MR
30	20267	GM_M21_A2_A03	GM_M21_A2_A03_MF	
	20268	GM_M21_A2_A03		GM_M21_A2_A03_MR
	20269	GM_M21_A2_A04	GM_M21_A2_A04_MF	
	20270	GM_M21_A2_A04		GM_M21_A2_A04_MR
	20271	GM_M21_A2_A05	GM_M21_A2_A05_MF	
35	20272	GM_M21_A2_A05		GM_M21_A2_A05_MR
	20273	GM_M21_A2_A06	GM_M21_A2_A06_MF	
	20274	GM_M21_A2_A06		GM_M21_A2_A06_MR
	20275	GM_M21_A2_A07	GM_M21_A2_A07_MF	
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	20279	GM_M21_A2_A09	GM_M21_A2_A09_MF	
	20280	GM_M21_A2_A09		GM_M21_A2_A09_MR
	20281	GM_M21_A2_A10	GM_M21_A2_A10_MF	
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	20289	GM_M21_A2_B03	GM_M21_A2_B03_MF	
	20290	GM_M21_A2_B03		GM_M21_A2_B03_MR
	20291	GM_M21_A2_B04	GM_M21_A2_B04_MF	
55	20292	GM_M21_A2_B04		GM_M21_A2_B04_MR

	20293	GM_M21_A2_B05	GM_M21_A2_B05_MF	
	20294	GM_M21_A2_B05		GM_M21_A2_B05_MR
	20295	GM_M21_A2_B06	GM_M21_A2_B06_MF	
	20296	GM_M21_A2_B06		GM_M21_A2_B06_MR
5	20297	GM_M21_A2_B07	GM_M21_A2_B07_MF	
	20298	GM_M21_A2_B07		GM_M21_A2_B07_MR
	20299	GM_M21_A2_B08	GM_M21_A2_B08_MF	
	20300	GM_M21_A2_B08		GM_M21_A2_B08_MR
	20301	GM_M21_A2_B09	GM_M21_A2_B09_MF	
10	20302	GM_M21_A2_B09		GM_M21_A2_B09_MR
	20303	GM_M21_A2_B10	GM_M21_A2_B10_MF	
	20304	GM_M21_A2_B11	GM_M21_A2_B11_MF	
	20305	GM_M21_A2_B11		GM_M21_A2_B11_MR
	20306	GM_M21_A2_B12	GM_M21_A2_B12_MF	
15	20307	GM_M21_A2_B12		GM_M21_A2_B12_MR
	20308	GM_M21_A2_C01	GM_M21_A2_C01_MF	
	20309	GM_M21_A2_C01		GM_M21_A2_C01_MR
	20310	GM_M21_A2_C02	GM_M21_A2_C02_MF	
	20311	GM_M21_A2_C02		GM_M21_A2_C02_MR
20	20312	GM_M21_A2_C03	GM_M21_A2_C03_MF	
	20313	GM_M21_A2_C03		GM_M21_A2_C03_MR
	20314	GM_M21_A2_C04	GM_M21_A2_C04_MF	
	20315	GM_M21_A2_C04		GM_M21_A2_C04_MR
	20316	GM_M21_A2_C05	GM_M21_A2_C05_MF	
25	20317	GM_M21_A2_C05		GM_M21_A2_C05_MR
	20318	GM_M21_A2_C06	GM_M21_A2_C06_MF	
	20319	GM_M21_A2_C06		GM_M21_A2_C06_MR
	20320	GM_M21_A2_C07	GM_M21_A2_C07_MF	
	20321	GM_M21_A2_C07		GM_M21_A2_C07_MR
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	20323	GM_M21_A2_C08		GM_M21_A2_C08_MR
	20324	GM_M21_A2_C09	GM_M21_A2_C09_MF	
	20325	GM_M21_A2_C09		GM_M21_A2_C09_MR
	20326	GM_M21_A2_C10	GM_M21_A2_C10_MF	
35	20327	GM_M21_A2_C10		GM_M21_A2_C10_MR
	20328	GM_M21_A2_C11	GM_M21_A2_C11_MF	
	20329	GM_M21_A2_C11		GM_M21_A2_C11_MR
	20330	GM_M21_A2_C12	GM_M21_A2_C12_MF	
	20331	GM_M21_A2_C12		GM_M21_A2_C12_MR
40	20332	GM_M21_A2_D01	GM_M21_A2_D01_MF	
	20333	GM_M21_A2_D01		GM_M21_A2_D01_MR
	20334	GM_M21_A2_D02	GM_M21_A2_D02_MF	
	20335	GM_M21_A2_D02		GM_M21_A2_D02_MR
	20336	GM_M21_A2_D03	GM_M21_A2_D03_MF	
45	20337	GM_M21_A2_D03		GM_M21_A2_D03_MR
	20338	GM_M21_A2_D04	GM_M21_A2_D04_MF	
	20339	GM_M21_A2_D04		GM_M21_A2_D04_MR
	20340	GM_M21_A2_D05	GM_M21_A2_D05_MF	
	20341	GM_M21_A2_D05		GM_M21_A2_D05_MR
50	20342	GM_M21_A2_D06	GM_M21_A2_D06_MF	
	20343	GM_M21_A2_D06		GM_M21_A2_D06_MR
	20344	GM_M21_A2_D07	GM_M21_A2_D07_MF	
	20345	GM_M21_A2_D07		GM_M21_A2_D07_MR
	20346	GM_M21_A2_D08	GM_M21_A2_D08_MF	
55	20347	GM_M21_A2_D08		GM_M21_A2_D08_MR

	20348	GM_M21_A2_D09	GM_M21_A2_D09_MF	
	20349	GM_M21_A2_D09		GM_M21_A2_D09_MR
	20350	GM_M21_A2_D10	GM_M21_A2_D10_MF	
	20351	GM_M21_A2_D10		GM_M21_A2_D10_MR
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	20353	GM_M21_A2_D11		GM_M21_A2_D11_MR
	20354	GM_M21_A2_E01	GM_M21_A2_E01_MF	
	20355	GM_M21_A2_E01		GM_M21_A2_E01_MR
	20356	GM_M21_A2_E02	GM_M21_A2_E02_MF	
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	20358	GM_M21_A2_E03	GM_M21_A2_E03_MF	
	20359	GM_M21_A2_E03		GM_M21_A2_E03_MR
	20360	GM_M21_A2_E05	GM_M21_A2_E05_MF	
	20361	GM_M21_A2_E05		GM_M21_A2_E05_MR
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	20364	GM_M21_A2_E07	GM_M21_A2_E07_MF	
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	20368	GM_M21_A2_E09	GM_M21_A2_E09_MF	
	20369	GM_M21_A2_E09		GM_M21_A2_E09_MR
	20370	GM_M21_A2_E10	GM_M21_A2_E10_MF	
	20371	GM_M21_A2_E10		GM_M21_A2_E10_MR
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	20374	GM_M21_A2_E12	GM_M21_A2_E12_MF	
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	20378	GM_M21_A2_F02	GM_M21_A2_F02_MF	
	20379	GM_M21_A2_F02		GM_M21_A2_F02_MR
	20380	GM_M21_A2_F03	GM_M21_A2_F03_MF	
	20381	GM_M21_A2_F03		GM_M21_A2_F03_MR
35	20382	GM_M21_A2_F05	GM_M21_A2_F05_MF	
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	20384	GM_M21_A2_F06	GM_M21_A2_F06_MF	
	20385	GM_M21_A2_F06		GM_M21_A2_F06_MR
	20386	GM_M21_A2_F07	GM_M21_A2_F07_MF	
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	20389	GM_M21_A2_F08		GM_M21_A2_F08_MR
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	20394	GM_M21_A2_F12	GM_M21_A2_F12_MF	
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	20398	GM_M21_A2_G02	GM_M21_A2_G02_MF	
	20399	GM_M21_A2_G02		GM_M21_A2_G02_MR
	20400	GM_M21_A2_G03	GM_M21_A2_G03_MF	
	20401	GM_M21_A2_G03		GM_M21_A2_G03_MR
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	20404	GM_M21_A2_G05	GM_M21_A2_G05_MF	
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	20406	GM_M21_A2_G06	GM_M21_A2_G06_MF	
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	20409	GM_M21_A2_G07		GM_M21_A2_G07_MR
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	20416	GM_M21_A2_G11	GM_M21_A2_G11_MF	
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	20418	GM_M21_A2_G12	GM_M21_A2_G12_MF	
	20419	GM_M21_A2_G12		GM_M21_A2_G12_MR
	20420	GM_M21_A2_H01	GM_M21_A2_H01_MF	
	20421	GM_M21_A2_H01		GM_M21_A2_H01_MR
20	20422	GM_M21_A2_H02	GM_M21_A2_H02_MF	
	20423	GM_M21_A2_H02		GM_M21_A2_H02_MR
	20424	GM_M21_A2_H03	GM_M21_A2_H03_MF	
	20425	GM_M21_A2_H03		GM_M21_A2_H03_MR
	20426	GM_M21_A2_H04	GM_M21_A2_H04_MF	
25	20427	GM_M21_A2_H04		GM_M21_A2_H04_MR
	20428	GM_M21_A2_H05	GM_M21_A2_H05_MF	
	20429	GM_M21_A2_H05		GM_M21_A2_H05_MR
	20430	GM_M21_A2_H06	GM_M21_A2_H06_MF	
	20431	GM_M21_A2_H06		GM_M21_A2_H06_MR
30	20432	GM_M21_A2_H07	GM_M21_A2_H07_MF	
	20433	GM_M21_A2_H07		GM_M21_A2_H07_MR
	20434	GM_M21_A2_H08	GM_M21_A2_H08_MF	
	20435	GM_M21_A2_H08		GM_M21_A2_H08_MR
	20436	GM_M21_A2_H09	GM_M21_A2_H09_MF	
35	20437	GM_M21_A2_H09		GM_M21_A2_H09_MR
	20438	GM_M21_A2_H10	GM_M21_A2_H10_MF	
	20439	GM_M21_A2_H10		GM_M21_A2_H10_MR
	20440	GM_M21_A2_H11	GM_M21_A2_H11_MF	
	20441	GM_M21_A2_H11		GM_M21_A2_H11_MR
40	20442	GM_M21_A2_H12	GM_M21_A2_H12_MF	
	20443	GM_M21_A2_H12		GM_M21_A2_H12_MR
	20444	GM_M21_B1_A01	GM_M21_B1_A01_MF	
	20445	GM_M21_B1_A01		GM_M21_B1_A01_MR
	20446	GM_M21_B1_A02		GM_M21_B1_A02_MR
45	20447	GM_M21_B1_A03	GM_M21_B1_A03_MF	
	20448	GM_M21_B1_A03		GM_M21_B1_A03_MR
	20449	GM_M21_B1_A04	GM_M21_B1_A04_MF	
	20450	GM_M21_B1_A04		GM_M21_B1_A04_MR
	20451	GM_M21_B1_A05	GM_M21_B1_A05_MF	
50	20452	GM_M21_B1_A05		GM_M21_B1_A05_MR
	20453	GM_M21_B1_A06		GM_M21_B1_A06_MR
	20454	GM_M21_B1_A07	GM_M21_B1_A07_MF	
	20455	GM_M21_B1_A07		GM_M21_B1_A07_MR
	20456	GM_M21_B1_A08	GM_M21_B1_A08_MF	
55	20457	GM_M21_B1_A08		GM_M21_B1_A08_MR

	20458	GM_M21_B1_A09	GM_M21_B1_A09_MF	
	20459	GM_M21_B1_A09		GM_M21_B1_A09_MR
	20460	GM_M21_B1_A10	GM_M21_B1_A10_MF	
	20461	GM_M21_B1_A10		GM_M21_B1_A10_MR
5	20462	GM_M21_B1_A11	GM_M21_B1_A11_MF	
	20463	GM_M21_B1_A11		GM_M21_B1_A11_MR
	20464	GM_M21_B1_A12	GM_M21_B1_A12_MF	
	20465	GM_M21_B1_A12		GM_M21_B1_A12_MR
	20466	GM_M21_B1_B01	GM_M21_B1_B01_MF	
10	20467	GM_M21_B1_B01		GM_M21_B1_B01_MR
	20468	GM_M21_B1_B02	GM_M21_B1_B02_MF	
	20469	GM_M21_B1_B02		GM_M21_B1_B02_MR
	20470	GM_M21_B1_B03	GM_M21_B1_B03_MF	
	20471	GM_M21_B1_B03		GM_M21_B1_B03_MR
15	20472	GM_M21_B1_B04	GM_M21_B1_B04_MF	
	20473	GM_M21_B1_B04		GM_M21_B1_B04_MR
	20474	GM_M21_B1_B05	GM_M21_B1_B05_MF	
	20475	GM_M21_B1_B05		GM_M21_B1_B05_MR
	20476	GM_M21_B1_B06	GM_M21_B1_B06_MF	
20	20477	GM_M21_B1_B06		GM_M21_B1_B06_MR
	20478	GM_M21_B1_B07	GM_M21_B1_B07_MF	
	20479	GM_M21_B1_B07		GM_M21_B1_B07_MR
	20480	GM_M21_B1_B09	GM_M21_B1_B09_MF	
	20481	GM_M21_B1_B09		GM_M21_B1_B09_MR
25	20482	GM_M21_B1_B10	GM_M21_B1_B10_MF	
	20483	GM_M21_B1_B10		GM_M21_B1_B10_MR
	20484	GM_M21_B1_B11		GM_M21_B1_B11_MR
	20485	GM_M21_B1_B12	GM_M21_B1_B12_MF	
	20486	GM_M21_B1_B12		GM_M21_B1_B12_MR
30	20487	GM_M21_B1_C01	GM_M21_B1_C01_MF	
	20488	GM_M21_B1_C01		GM_M21_B1_C01_MR
	20489	GM_M21_B1_C02	GM_M21_B1_C02_MF	
	20490	GM_M21_B1_C02		GM_M21_B1_C02_MR
	20491	GM_M21_B1_C04	GM_M21_B1_C04_MF	
35	20492	GM_M21_B1_C04		GM_M21_B1_C04_MR
	20493	GM_M21_B1_C05	GM_M21_B1_C05_MF	
	20494	GM_M21_B1_C05		GM_M21_B1_C05_MR
	20495	GM_M21_B1_C06	GM_M21_B1_C06_MF	
	20496	GM_M21_B1_C06		GM_M21_B1_C06_MR
40	20497	GM_M21_B1_C07	GM_M21_B1_C07_MF	
	20498	GM_M21_B1_C07		GM_M21_B1_C07_MR
	20499	GM_M21_B1_C08	GM_M21_B1_C08_MF	
	20500	GM_M21_B1_C08		GM_M21_B1_C08_MR
	20501	GM_M21_B1_C09	GM_M21_B1_C09_MF	
45	20502	GM_M21_B1_C09		GM_M21_B1_C09_MR
	20503	GM_M21_B1_C10	GM_M21_B1_C10_MF	
	20504	GM_M21_B1_C10		GM_M21_B1_C10_MR
	20505	GM_M21_B1_C11	GM_M21_B1_C11_MF	
	20506	GM_M21_B1_C11		GM_M21_B1_C11_MR
50	20507	GM_M21_B1_C12	GM_M21_B1_C12_MF	
	20508	GM_M21_B1_C12		GM_M21_B1_C12_MR
	20509	GM_M21_B1_D01	GM_M21_B1_D01_MF	
	20510	GM_M21_B1_D01		GM_M21_B1_D01_MR
	20511	GM_M21_B1_D02		GM_M21_B1_D02_MR
55	20512	GM_M21_B1_D03	GM_M21_B1_D03_MF	

	20513	GM_M21_B1_D03		GM_M21_B1_D03_MR
	20514	GM_M21_B1_D04	GM_M21_B1_D04_MF	
	20515	GM_M21_B1_D04		GM_M21_B1_D04_MR
	20516	GM_M21_B1_D05	GM_M21_B1_D05_MF	
5	20517	GM_M21_B1_D05		GM_M21_B1_D05_MR
	20518	GM_M21_B1_D06	GM_M21_B1_D06_MF	
	20519	GM_M21_B1_D06		GM_M21_B1_D06_MR
	20520	GM_M21_B1_D07	GM_M21_B1_D07_MF	
	20521	GM_M21_B1_D07		GM_M21_B1_D07_MR
10	20522	GM_M21_B1_D08	GM_M21_B1_D08_MF	
	20523	GM_M21_B1_D09	GM_M21_B1_D09_MF	
	20524	GM_M21_B1_D09		GM_M21_B1_D09_MR
	20525	GM_M21_B1_D10	GM_M21_B1_D10_MF	
	20526	GM_M21_B1_D10		GM_M21_B1_D10_MR
15	20527	GM_M21_B1_D11	GM_M21_B1_D11_MF	
	20528	GM_M21_B1_D11		GM_M21_B1_D11_MR
	20529	GM_M21_B1_D12	GM_M21_B1_D12_MF	
	20530	GM_M21_B1_D12		GM_M21_B1_D12_MR
	20531	GM_M21_B1_E01	GM_M21_B1_E01_MF	
20	20532	GM_M21_B1_E01		GM_M21_B1_E01_MR
	20533	GM_M21_B1_E02	GM_M21_B1_E02_MF	
	20534	GM_M21_B1_E02		GM_M21_B1_E02_MR
	20535	GM_M21_B1_E04	GM_M21_B1_E04_MF	
	20536	GM_M21_B1_E04		GM_M21_B1_E04_MR
25	20537	GM_M21_B1_E05	GM_M21_B1_E05_MF	
	20538	GM_M21_B1_E06	GM_M21_B1_E06_MF	
	20539	GM_M21_B1_E06		GM_M21_B1_E06_MR
	20540	GM_M21_B1_E07	GM_M21_B1_E07_MF	
	20541	GM_M21_B1_E07		GM_M21_B1_E07_MR
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	20543	GM_M21_B1_E08		GM_M21_B1_E08_MR
	20544	GM_M21_B1_E09	GM_M21_B1_E09_MF	
	20545	GM_M21_B1_E09		GM_M21_B1_E09_MR
	20546	GM_M21_B1_E10	GM_M21_B1_E10_MF	
35	20547	GM_M21_B1_E10		GM_M21_B1_E10_MR
	20548	GM_M21_B1_E11	GM_M21_B1_E11_MF	
	20549	GM_M21_B1_E11		GM_M21_B1_E11_MR
	20550	GM_M21_B1_E12	GM_M21_B1_E12_MF	
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	20553	GM_M21_B1_F03		GM_M21_B1_F03_MR
	20554	GM_M21_B1_F04	GM_M21_B1_F04_MF	
	20555	GM_M21_B1_F04		GM_M21_B1_F04_MR
	20556	GM_M21_B1_F05	GM_M21_B1_F05_MF	
45	20557	GM_M21_B1_F05		GM_M21_B1_F05_MR
	20558	GM_M21_B1_F06	GM_M21_B1_F06_MF	
	20559	GM_M21_B1_F06		GM_M21_B1_F06_MR
	20560	GM_M21_B1_F07		GM_M21_B1_F07_MR
	20561	GM_M21_B1_F08	GM_M21_B1_F08_MF	
50	20562	GM_M21_B1_F08		GM_M21_B1_F08_MR
	20563	GM_M21_B1_F09	GM_M21_B1_F09_MF	
	20564	GM_M21_B1_F09		GM_M21_B1_F09_MR
	20565	GM_M21_B1_F10	GM_M21_B1_F10_MF	
	20566	GM_M21_B1_F10		GM_M21_B1_F10_MR
55	20567	GM_M21_B1_F11	GM_M21_B1_F11_MF	

	20568	GM_M21_B1_F11		GM_M21_B1_F11_MR
	20569	GM_M21_B1_F12	GM_M21_B1_F12_MF	
	20570	GM_M21_B1_F12		GM_M21_B1_F12_MR
	20571	GM_M21_B1_G04	GM_M21_B1_G04_MF	
5	20572	GM_M21_B1_G04		GM_M21_B1_G04_MR
	20573	GM_M21_B1_G05	GM_M21_B1_G05_MF	
	20574	GM_M21_B1_G05		GM_M21_B1_G05_MR
	20575	GM_M21_B1_G06	GM_M21_B1_G06_MF	
	20576	GM_M21_B1_G06		GM_M21_B1_G06_MR
10	20577	GM_M21_B1_G07	GM_M21_B1_G07_MF	
	20578	GM_M21_B1_G07		GM_M21_B1_G07_MR
	20579	GM_M21_B1_G08	GM_M21_B1_G08_MF	
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	20581	GM_M21_B1_G09	GM_M21_B1_G09_MF	
15	20582	GM_M21_B1_G09		GM_M21_B1_G09_MR
	20583	GM_M21_B1_G10	GM_M21_B1_G10_MF	
	20584	GM_M21_B1_G10		GM_M21_B1_G10_MR
	20585	GM_M21_B1_G11	GM_M21_B1_G11_MF	
	20586	GM_M21_B1_G11		GM_M21_B1_G11_MR
20	20587	GM_M21_B1_G12	GM_M21_B1_G12_MF	
	20588	GM_M21_B1_G12		GM_M21_B1_G12_MR
	20589	GM_M21_B1_H01	GM_M21_B1_H01_MF	
	20590	GM_M21_B1_H01		GM_M21_B1_H01_MR
	20591	GM_M21_B1_H02	GM_M21_B1_H02_MF	
25	20592	GM_M21_B1_H02		GM_M21_B1_H02_MR
	20593	GM_M21_B1_H03	GM_M21_B1_H03_MF	
	20594	GM_M21_B1_H03		GM_M21_B1_H03_MR
	20595	GM_M21_B1_H04	GM_M21_B1_H04_MF	
	20596	GM_M21_B1_H04		GM_M21_B1_H04_MR
30	20597	GM_M21_B1_H05	GM_M21_B1_H05_MF	
	20598	GM_M21_B1_H05		GM_M21_B1_H05_MR
	20599	GM_M21_B1_H06	GM_M21_B1_H06_MF	
	20600	GM_M21_B1_H06		GM_M21_B1_H06_MR
	20601	GM_M21_B1_H07	GM_M21_B1_H07_MF	
35	20602	GM_M21_B1_H07		GM_M21_B1_H07_MR
	20603	GM_M21_B1_H08	GM_M21_B1_H08_MF	
	20604	GM_M21_B1_H08		GM_M21_B1_H08_MR
	20605	GM_M21_B1_H09	GM_M21_B1_H09_MF	
	20606	GM_M21_B1_H09		GM_M21_B1_H09_MR
40	20607	GM_M21_B1_H10	GM_M21_B1_H10_MF	
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	20609	GM_M21_B1_H11	GM_M21_B1_H11_MF	
	20610	GM_M21_B1_H11		GM_M21_B1_H11_MR
	20611	GM_M21_B1_H12	GM_M21_B1_H12_MF	
45	20612	GM_M21_B1_H12		GM_M21_B1_H12_MR
	20613	GM_M21_B2_A01	GM_M21_B2_A01_MF	
	20614	GM_M21_B2_A01		GM_M21_B2_A01_MR
	20615	GM_M21_B2_A02	GM_M21_B2_A02_MF	
	20616	GM_M21_B2_A02		GM_M21_B2_A02_MR
50	20617	GM_M21_B2_A03	GM_M21_B2_A03_MF	
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	20619	GM_M21_B2_A04	GM_M21_B2_A04_MF	
	20620	GM_M21_B2_A04		GM_M21_B2_A04_MR
	20621	GM_M21_B2_A05	GM_M21_B2_A05_MF	
55	20622	GM_M21_B2_A05		GM_M21_B2_A05_MR

	20623	GM_M21_B2_A06	GM_M21_B2_A06_MF	
	20624	GM_M21_B2_A06		GM_M21_B2_A06_MR
	20625	GM_M21_B2_A07	GM_M21_B2_A07_MF	
	20626	GM_M21_B2_A07		GM_M21_B2_A07_MR
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	20628	GM_M21_B2_A08		GM_M21_B2_A08_MR
	20629	GM_M21_B2_A09	GM_M21_B2_A09_MF	
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	20631	GM_M21_B2_A10	GM_M21_B2_A10_MF	
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	20633	GM_M21_B2_A11	GM_M21_B2_A11_MF	
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	20635	GM_M21_B2_A12	GM_M21_B2_A12_MF	
	20636	GM_M21_B2_A12		GM_M21_B2_A12_MR
15	20637	GM_M21_B2_B01	GM_M21_B2_B01_MF	
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	20639	GM_M21_B2_B02	GM_M21_B2_B02_MF	
	20640	GM_M21_B2_B02		GM_M21_B2_B02_MR
	20641	GM_M21_B2_B03	GM_M21_B2_B03_MF	
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	20643	GM_M21_B2_B04	GM_M21_B2_B04_MF	
	20644	GM_M21_B2_B04		GM_M21_B2_B04_MR
	20645	GM_M21_B2_B05	GM_M21_B2_B05_MF	
	20646	GM_M21_B2_B05		GM_M21_B2_B05_MR
25	20647	GM_M21_B2_B06	GM_M21_B2_B06_MF	
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	20649	GM_M21_B2_B07	GM_M21_B2_B07_MF	
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	20656	GM_M21_B2_B10		GM_M21_B2_B10_MR
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40	20662	GM_M21_B2_C01		GM_M21_B2_C01_MR
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	20665	GM_M21_B2_C03	GM_M21_B2_C03_MF	
	20666	GM_M21_B2_C03		GM_M21_B2_C03_MR
45	20667	GM_M21_B2_C04	GM_M21_B2_C04_MF	
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	20669	GM_M21_B2_C05	GM_M21_B2_C05_MF	
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50	20672	GM_M21_B2_C06		GM_M21_B2_C06_MR
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	20674	GM_M21_B2_C07		GM_M21_B2_C07_MR
	20675	GM_M21_B2_C08	GM_M21_B2_C08_MF	
	20676	GM_M21_B2_C08		GM_M21_B2_C08_MR
55	20677	GM_M21_B2_C09	GM_M21_B2_C09_MF	

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	20679	GM_M21_B2_C10	GM_M21_B2_C10_MF	
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	20681	GM_M21_B2_C11	GM_M21_B2_C11_MF	
5	20682	GM_M21_B2_C11		GM_M21_B2_C11_MR
	20683	GM_M21_B2_C12	GM_M21_B2_C12_MF	
	20684	GM_M21_B2_C12		GM_M21_B2_C12_MR
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	20688	GM_M21_B2_D02		GM_M21_B2_D02_MR
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	20690	GM_M21_B2_D03		GM_M21_B2_D03_MR
	20691	GM_M21_B2_D04	GM_M21_B2_D04_MF	
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	20694	GM_M21_B2_D05		GM_M21_B2_D05_MR
	20695	GM_M21_B2_D06	GM_M21_B2_D06_MF	
	20696	GM_M21_B2_D06		GM_M21_B2_D06_MR
20	20697	GM_M21_B2_D07	GM_M21_B2_D07_MF	
	20698	GM_M21_B2_D07		GM_M21_B2_D07_MR
	20699	GM_M21_B2_D08	GM_M21_B2_D08_MF	
	20700	GM_M21_B2_D08		GM_M21_B2_D08_MR
	20701	GM_M21_B2_D09	GM_M21_B2_D09_MF	
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	20703	GM_M21_B2_D10	GM_M21_B2_D10_MF	
	20704	GM_M21_B2_D10		GM_M21_B2_D10_MR
	20705	GM_M21_B2_D11	GM_M21_B2_D11_MF	
	20706	GM_M21_B2_D11		GM_M21_B2_D11_MR
30	20707	GM_M21_B2_D12	GM_M21_B2_D12_MF	
	20708	GM_M21_B2_D12		GM_M21_B2_D12_MR
	20709	GM_M21_B2_E01	GM_M21_B2_E01_MF	
	20710	GM_M21_B2_E01		GM_M21_B2_E01_MR
	20711	GM_M21_B2_E02	GM_M21_B2_E02_MF	
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	20713	GM_M21_B2_E03	GM_M21_B2_E03_MF	
	20714	GM_M21_B2_E03		GM_M21_B2_E03_MR
	20715	GM_M21_B2_E04	GM_M21_B2_E04_MF	
	20716	GM_M21_B2_E04		GM_M21_B2_E04_MR
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	20719	GM_M21_B2_E06	GM_M21_B2_E06_MF	
	20720	GM_M21_B2_E06		GM_M21_B2_E06_MR
	20721	GM_M21_B2_E07	GM_M21_B2_E07_MF	
45	20722	GM_M21_B2_E07		GM_M21_B2_E07_MR
	20723	GM_M21_B2_E08	GM_M21_B2_E08_MF	
	20724	GM_M21_B2_E08		GM_M21_B2_E08_MR
	20725	GM_M21_B2_E09	GM_M21_B2_E09_MF	
	20726	GM_M21_B2_E09		GM_M21_B2_E09_MR
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	20729	GM_M21_B2_E11	GM_M21_B2_E11_MF	
	20730	GM_M21_B2_E11		GM_M21_B2_E11_MR
	20731	GM_M21_B2_E12	GM_M21_B2_E12_MF	
55	20732	GM_M21_B2_E12		GM_M21_B2_E12_MR

	20733	GM_M21_B2_F01	GM_M21_B2_F01_MF	
	20734	GM_M21_B2_F01		GM_M21_B2_F01_MR
	20735	GM_M21_B2_F02	GM_M21_B2_F02_MF	
	20736	GM_M21_B2_F02		GM_M21_B2_F02_MR
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	20739	GM_M21_B2_F05	GM_M21_B2_F05_MF	
	20740	GM_M21_B2_F05		GM_M21_B2_F05_MR
	20741	GM_M21_B2_F06	GM_M21_B2_F06_MF	
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	20743	GM_M21_B2_F07	GM_M21_B2_F07_MF	
	20744	GM_M21_B2_F07		GM_M21_B2_F07_MR
	20745	GM_M21_B2_F08	GM_M21_B2_F08_MF	
	20746	GM_M21_B2_F08		GM_M21_B2_F08_MR
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	20749	GM_M21_B2_F11	GM_M21_B2_F11_MF	
	20750	GM_M21_B2_F11		GM_M21_B2_F11_MR
	20751	GM_M21_B2_F12	GM_M21_B2_F12_MF	
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	20753	GM_M21_B2_G01	GM_M21_B2_G01_MF	
	20754	GM_M21_B2_G01		GM_M21_B2_G01_MR
	20755	GM_M21_B2_G02	GM_M21_B2_G02_MF	
	20756	GM_M21_B2_G02		GM_M21_B2_G02_MR
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	20759	GM_M21_B2_G04	GM_M21_B2_G04_MF	
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	20766	GM_M21_B2_G07		GM_M21_B2_G07_MR
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	20769	GM_M21_B2_G09	GM_M21_B2_G09_MF	
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	20771	GM_M21_B2_G10	GM_M21_B2_G10_MF	
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	20775	GM_M21_B2_G12	GM_M21_B2_G12_MF	
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	20779	GM_M21_B2_H02	GM_M21_B2_H02_MF	
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	20785	GM_M21_B2_H06	GM_M21_B2_H06_MF	
	20786	GM_M21_B2_H06		GM_M21_B2_H06_MR
55	20787	GM_M21_B2_H07	GM_M21_B2_H07_MF	

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	20789	GM_M21_B2_H08	GM_M21_B2_H08_MF	
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	20791	GM_M21_B2_H09	GM_M21_B2_H09_MF	
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	20794	GM_M21_B2_H10		GM_M21_B2_H10_MR
	20795	GM_M21_B2_H11	GM_M21_B2_H11_MF	
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	20799	GM_M22_A1_A01	GM_M22_A1_A01_MF	
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	20801	GM_M22_A1_A03	GM_M22_A1_A03_MF	
15	20802	GM_M22_A1_A04	GM_M22_A1_A04_MF	
	20803	GM_M22_A1_A05	GM_M22_A1_A05_MF	
	20804	GM_M22_A1_A06	GM_M22_A1_A06_MF	
	20805	GM_M22_A1_A07	GM_M22_A1_A07_MF	
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	20809	GM_M22_A1_A11	GM_M22_A1_A11_MF	
	20810	GM_M22_A1_A12	GM_M22_A1_A12_MF	
	20811	GM_M22_A1_B01	GM_M22_A1_B01_MF	
25	20812	GM_M22_A1_B02	GM_M22_A1_B02_MF	
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	20814	GM_M22_A1_B04	GM_M22_A1_B04_MF	
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	20816	GM_M22_A1_B06	GM_M22_A1_B06_MF	
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	20819	GM_M22_A1_B10	GM_M22_A1_B10_MF	
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	20821	GM_M22_A1_B12	GM_M22_A1_B12_MF	
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	20824	GM_M22_A1_C03	GM_M22_A1_C03_MF	
	20825	GM_M22_A1_C04	GM_M22_A1_C04_MF	
	20826	GM_M22_A1_C05	GM_M22_A1_C05_MF	
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	20829	GM_M22_A1_C08	GM_M22_A1_C08_MF	
	20830	GM_M22_A1_C09	GM_M22_A1_C09_MF	
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	20834	GM_M22_A1_D01	GM_M22_A1_D01_MF	
	20835	GM_M22_A1_D02	GM_M22_A1_D02_MF	
	20836	GM_M22_A1_D03	GM_M22_A1_D03_MF	
50	20837	GM_M22_A1_D04	GM_M22_A1_D04_MF	
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	20839	GM_M22_A1_D06	GM_M22_A1_D06_MF	
	20840	GM_M22_A1_D07	GM_M22_A1_D07_MF	
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55	20842	GM_M22_A1_D09	GM_M22_A1_D09_MF	

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	20845	GM_M22_A1_D12	GM_M22_A1_D12_MF
	20846	GM_M22_A1_E01	GM_M22_A1_E01_MF
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	20848	GM_M22_A1_E03	GM_M22_A1_E03_MF
	20849	GM_M22_A1_E04	GM_M22_A1_E04_MF
	20850	GM_M22_A1_E05	GM_M22_A1_E05_MF
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	20853	GM_M22_A1_E08	GM_M22_A1_E08_MF
	20854	GM_M22_A1_E09	GM_M22_A1_E09_MF
	20855	GM_M22_A1_E10	GM_M22_A1_E10_MF
	20856	GM_M22_A1_E11	GM_M22_A1_E11_MF
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	20859	GM_M22_A1_F02	GM_M22_A1_F02_MF
	20860	GM_M22_A1_F03	GM_M22_A1_F03_MF
	20861	GM_M22_A1_F04	GM_M22_A1_F04_MF
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	20863	GM_M22_A1_F06	GM_M22_A1_F06_MF
	20864	GM_M22_A1_F07	GM_M22_A1_F07_MF
	20865	GM_M22_A1_F08	GM_M22_A1_F08_MF
	20866	GM_M22_A1_F09	GM_M22_A1_F09_MF
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	20868	GM_M22_A1_F11	GM_M22_A1_F11_MF
	20869	GM_M22_A1_F12	GM_M22_A1_F12_MF
	20870	GM_M22_A1_G01	GM_M22_A1_G01_MF
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	20873	GM_M22_A1_G04	GM_M22_A1_G04_MF
	20874	GM_M22_A1_G05	GM_M22_A1_G05_MF
	20875	GM_M22_A1_G06	GM_M22_A1_G06_MF
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	20879	GM_M22_A1_G10	GM_M22_A1_G10_MF
	20880	GM_M22_A1_G11	GM_M22_A1_G11_MF
	20881	GM_M22_A1_G12	GM_M22_A1_G12_MF
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	20883	GM_M22_A1_H02	GM_M22_A1_H02_MF
	20884	GM_M22_A1_H04	GM_M22_A1_H04_MF
	20885	GM_M22_A1_H05	GM_M22_A1_H05_MF
	20886	GM_M22_A1_H06	GM_M22_A1_H06_MF
45	20887	GM_M22_A1_H07	GM_M22_A1_H07_MF
	20888	GM_M22_A1_H08	GM_M22_A1_H08_MF
	20889	GM_M22_A1_H09	GM_M22_A1_H09_MF
	20890	GM_M22_A1_H10	GM_M22_A1_H10_MF
	20891	GM_M22_A1_H11	GM_M22_A1_H11_MF
50	20892	GM_M22_A1_H12	GM_M22_A1_H12_MF
	20893	GM_M22_A2_A01	GM_M22_A2_A01_MF
	20894	GM_M22_A2_A02	GM_M22_A2_A02_MF
	20895	GM_M22_A2_A03	GM_M22_A2_A03_MF
	20896	GM_M22_A2_A04	GM_M22_A2_A04_MF
55	20897	GM_M22_A2_A05	GM_M22_A2_A05_MF

	20898	GM_M22_A2_A06	GM_M22_A2_A06_MF
	20899	GM_M22_A2_A07	GM_M22_A2_A07_MF
	20900	GM_M22_A2_A08	GM_M22_A2_A08_MF
	20901	GM_M22_A2_A10	GM_M22_A2_A10_MF
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	20903	GM_M22_A2_A12	GM_M22_A2_A12_MF
	20904	GM_M22_A2_B01	GM_M22_A2_B01_MF
	20905	GM_M22_A2_B02	GM_M22_A2_B02_MF
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	20914	GM_M22_A2_B11	GM_M22_A2_B11_MF
	20915	GM_M22_A2_B12	GM_M22_A2_B12_MF
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	20918	GM_M22_A2_C03	GM_M22_A2_C03_MF
	20919	GM_M22_A2_C04	GM_M22_A2_C04_MF
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	20921	GM_M22_A2_C06	GM_M22_A2_C06_MF
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	20923	GM_M22_A2_C08	GM_M22_A2_C08_MF
	20924	GM_M22_A2_C09	GM_M22_A2_C09_MF
	20925	GM_M22_A2_C10	GM_M22_A2_C10_MF
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	20928	GM_M22_A2_D01	GM_M22_A2_D01_MF
	20929	GM_M22_A2_D02	GM_M22_A2_D02_MF
	20930	GM_M22_A2_D03	GM_M22_A2_D03_MF
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	20935	GM_M22_A2_D08	GM_M22_A2_D08_MF
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	20940	GM_M22_A2_E01	GM_M22_A2_E01_MF
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	20949	GM_M22_A2_E10	GM_M22_A2_E10_MF
	20950	GM_M22_A2_E11	GM_M22_A2_E11_MF
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	20955	GM_M22_A2_F04	GM_M22_A2_F04_MF	
	20956	GM_M22_A2_F05	GM_M22_A2_F05_MF	
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	20960	GM_M22_A2_F09	GM_M22_A2_F09_MF	
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	20964	GM_M22_A2_G01	GM_M22_A2_G01_MF	
	20965	GM_M22_A2_G02	GM_M22_A2_G02_MF	
	20966	GM_M22_A2_G03	GM_M22_A2_G03_MF	
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	20970	GM_M22_A2_G07	GM_M22_A2_G07_MF	
	20971	GM_M22_A2_G08	GM_M22_A2_G08_MF	
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	20975	GM_M22_A2_G12	GM_M22_A2_G12_MF	
	20976	GM_M22_A2_H01	GM_M22_A2_H01_MF	
25	20977	GM_M22_A2_H02	GM_M22_A2_H02_MF	
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	20979	GM_M22_A2_H04	GM_M22_A2_H04_MF	
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	20981	GM_M22_A2_H06	GM_M22_A2_H06_MF	
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	20986	GM_M22_A2_H11	GM_M22_A2_H11_MF	
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	20990	GM_M22_B1_A02	GM_M22_B1_A02_MF	
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	20994	GM_M22_B1_A04	GM_M22_B1_A04_MF	
	20995	GM_M22_B1_A04	GM_M22_B1_A04_MR	
	20996	GM_M22_B1_A05	GM_M22_B1_A05_MF	
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	20999	GM_M22_B1_A06	GM_M22_B1_A06_MR	
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	21004	GM_M22_B1_A09	GM_M22_B1_A09_MF	
	21005	GM_M22_B1_A09	GM_M22_B1_A09_MR	
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	21046	GM_M22_B1_C06		GM_M22_B1_C06_MR
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	21049	GM_M22_B1_C08	GM_M22_B1_C08_MF	
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	21051	GM_M22_B1_C09	GM_M22_B1_C09_MF	
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	21069	GM_M22_B1_D06	GM_M22_B1_D06_MF	
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	21129	GM_M22_B1_G02	GM_M22_B1_G02_MF	
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	21234	GM_M22_B2_C09	GM_M22_B2_C09_MF	
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	21239	GM_M22_B2_C11		GM_M22_B2_C11_MR
	21240	GM_M22_B2_C12	GM_M22_B2_C12_MF	
	21241	GM_M22_B2_C12		GM_M22_B2_C12_MR
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	21243	GM_M22_B2_D02	GM_M22_B2_D02_MF	
	21244	GM_M22_B2_D02		GM_M22_B2_D02_MR
	21245	GM_M22_B2_D03	GM_M22_B2_D03_MF	
	21246	GM_M22_B2_D03		GM_M22_B2_D03_MR
20	21247	GM_M22_B2_D04	GM_M22_B2_D04_MF	
	21248	GM_M22_B2_D04		GM_M22_B2_D04_MR
	21249	GM_M22_B2_D05	GM_M22_B2_D05_MF	
	21250	GM_M22_B2_D05		GM_M22_B2_D05_MR
	21251	GM_M22_B2_D06	GM_M22_B2_D06_MF	
25	21252	GM_M22_B2_D06		GM_M22_B2_D06_MR
	21253	GM_M22_B2_D07	GM_M22_B2_D07_MF	
	21254	GM_M22_B2_D07		GM_M22_B2_D07_MR
	21255	GM_M22_B2_D08	GM_M22_B2_D08_MF	
	21256	GM_M22_B2_D08		GM_M22_B2_D08_MR
30	21257	GM_M22_B2_D09	GM_M22_B2_D09_MF	
	21258	GM_M22_B2_D09		GM_M22_B2_D09_MR
	21259	GM_M22_B2_D10	GM_M22_B2_D10_MF	
	21260	GM_M22_B2_D10		GM_M22_B2_D10_MR
	21261	GM_M22_B2_D11	GM_M22_B2_D11_MF	
35	21262	GM_M22_B2_D11		GM_M22_B2_D11_MR
	21263	GM_M22_B2_D12	GM_M22_B2_D12_MF	
	21264	GM_M22_B2_D12		GM_M22_B2_D12_MR
	21265	GM_M22_B2_E01	GM_M22_B2_E01_MF	
	21266	GM_M22_B2_E01		GM_M22_B2_E01_MR
40	21267	GM_M22_B2_E02	GM_M22_B2_E02_MF	
	21268	GM_M22_B2_E02		GM_M22_B2_E02_MR
	21269	GM_M22_B2_E03	GM_M22_B2_E03_MF	
	21270	GM_M22_B2_E03		GM_M22_B2_E03_MR
	21271	GM_M22_B2_E04	GM_M22_B2_E04_MF	
45	21272	GM_M22_B2_E04		GM_M22_B2_E04_MR
	21273	GM_M22_B2_E05	GM_M22_B2_E05_MF	
	21274	GM_M22_B2_E05		GM_M22_B2_E05_MR
	21275	GM_M22_B2_E06	GM_M22_B2_E06_MF	
	21276	GM_M22_B2_E06		GM_M22_B2_E06_MR
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	21279	GM_M22_B2_E08	GM_M22_B2_E08_MF	
	21280	GM_M22_B2_E08		GM_M22_B2_E08_MR
	21281	GM_M22_B2_E09	GM_M22_B2_E09_MF	
55	21282	GM_M22_B2_E09		GM_M22_B2_E09_MR

	21283	GM_M22_B2_E10	GM_M22_B2_E10_MF	
	21284	GM_M22_B2_E10		GM_M22_B2_E10_MR
	21285	GM_M22_B2_E11	GM_M22_B2_E11_MF	
	21286	GM_M22_B2_E11		GM_M22_B2_E11_MR
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	21289	GM_M22_B2_F01	GM_M22_B2_F01_MF	
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	21291	GM_M22_B2_F02		GM_M22_B2_F02_MR
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	21293	GM_M22_B2_F03		GM_M22_B2_F03_MR
	21294	GM_M22_B2_F04	GM_M22_B2_F04_MF	
	21295	GM_M22_B2_F04		GM_M22_B2_F04_MR
	21296	GM_M22_B2_F05	GM_M22_B2_F05_MF	
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	21298	GM_M22_B2_F06	GM_M22_B2_F06_MF	
	21299	GM_M22_B2_F06		GM_M22_B2_F06_MR
	21300	GM_M22_B2_F07	GM_M22_B2_F07_MF	
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	21304	GM_M22_B2_F09	GM_M22_B2_F09_MF	
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	21306	GM_M22_B2_F10	GM_M22_B2_F10_MF	
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	21308	GM_M22_B2_F11	GM_M22_B2_F11_MF	
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	21311	GM_M22_B2_F12		GM_M22_B2_F12_MR
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	21314	GM_M22_B2_G03	GM_M22_B2_G03_MF	
	21315	GM_M22_B2_G03		GM_M22_B2_G03_MR
	21316	GM_M22_B2_G04	GM_M22_B2_G04_MF	
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	21318	GM_M22_B2_G05	GM_M22_B2_G05_MF	
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	21320	GM_M22_B2_G06	GM_M22_B2_G06_MF	
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	21324	GM_M22_B2_G08	GM_M22_B2_G08_MF	
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	21326	GM_M22_B2_G09	GM_M22_B2_G09_MF	
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	21331	GM_M22_B2_G11		GM_M22_B2_G11_MR
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	21334	GM_M22_B2_H01	GM_M22_B2_H01_MF	
	21335	GM_M22_B2_H01		GM_M22_B2_H01_MR
	21336	GM_M22_B2_H02	GM_M22_B2_H02_MF	
55	21337	GM_M22_B2_H02		GM_M22_B2_H02_MR

	21338	GM_M22_B2_H03	GM_M22_B2_H03_MF	
	21339	GM_M22_B2_H03		GM_M22_B2_H03_MR
	21340	GM_M22_B2_H04	GM_M22_B2_H04_MF	
	21341	GM_M22_B2_H04		GM_M22_B2_H04_MR
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	21343	GM_M22_B2_H05		GM_M22_B2_H05_MR
	21344	GM_M22_B2_H06	GM_M22_B2_H06_MF	
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	21346	GM_M22_B2_H07	GM_M22_B2_H07_MF	
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	21350	GM_M22_B2_H09	GM_M22_B2_H09_MF	
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	21354	GM_M22_B2_H11	GM_M22_B2_H11_MF	
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	21364	GM_M23_A1_A04	GM_M23_A1_A04_MF	
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	21370	GM_M23_A1_A07	GM_M23_A1_A07_MF	
	21371	GM_M23_A1_A07		GM_M23_A1_A07_MR
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	21374	GM_M23_A1_A09	GM_M23_A1_A09_MF	
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	21376	GM_M23_A1_A10	GM_M23_A1_A10_MF	
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	21380	GM_M23_A1_A12	GM_M23_A1_A12_MF	
	21381	GM_M23_A1_A12		GM_M23_A1_A12_MR
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	21384	GM_M23_A1_B02	GM_M23_A1_B02_MF	
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	21390	GM_M23_A1_B05	GM_M23_A1_B05_MF	
	21391	GM_M23_A1_B05		GM_M23_A1_B05_MR
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	21394	GM_M23_A1_B07	GM_M23_A1_B07_MF	
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	21396	GM_M23_A1_B08	GM_M23_A1_B08_MF	
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	21404	GM_M23_A1_B12	GM_M23_A1_B12_MF	
	21405	GM_M23_A1_B12		GM_M23_A1_B12_MR
	21406	GM_M23_A1_C01	GM_M23_A1_C01_MF	
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	21408	GM_M23_A1_C02	GM_M23_A1_C02_MF	
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	21410	GM_M23_A1_C03		GM_M23_A1_C03_MR
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	21419	GM_M23_A1_C08	GM_M23_A1_C08_MF	
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	21421	GM_M23_A1_C09	GM_M23_A1_C09_MF	
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	21429	GM_M23_A1_D01	GM_M23_A1_D01_MF	
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	21431	GM_M23_A1_D02	GM_M23_A1_D02_MF	
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	21434	GM_M23_A1_D03		GM_M23_A1_D03_MR
	21435	GM_M23_A1_D04	GM_M23_A1_D04_MF	
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	21509	GM_M23_A1_G06		GM_M23_A1_G06_MR
	21510	GM_M23_A1_G07	GM_M23_A1_G07_MF	
	21511	GM_M23_A1_G07		GM_M23_A1_G07_MR
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	21513	GM_M23_A1_G08		GM_M23_A1_G08_MR
	21514	GM_M23_A1_G10	GM_M23_A1_G10_MF	
	21515	GM_M23_A1_G10		GM_M23_A1_G10_MR
	21516	GM_M23_A1_G11	GM_M23_A1_G11_MF	
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	21518	GM_M23_A1_G12	GM_M23_A1_G12_MF	
	21519	GM_M23_A1_G12		GM_M23_A1_G12_MR
	21520	GM_M23_A1_H01	GM_M23_A1_H01_MF	
	21521	GM_M23_A1_H01		GM_M23_A1_H01_MR
20	21522	GM_M23_A1_H02	GM_M23_A1_H02_MF	
	21523	GM_M23_A1_H02		GM_M23_A1_H02_MR
	21524	GM_M23_A1_H03	GM_M23_A1_H03_MF	
	21525	GM_M23_A1_H03		GM_M23_A1_H03_MR
	21526	GM_M23_A1_H04	GM_M23_A1_H04_MF	
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	21528	GM_M23_A1_H05	GM_M23_A1_H05_MF	
	21529	GM_M23_A1_H05		GM_M23_A1_H05_MR
	21530	GM_M23_A1_H06	GM_M23_A1_H06_MF	
	21531	GM_M23_A1_H06		GM_M23_A1_H06_MR
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	21533	GM_M23_A1_H07		GM_M23_A1_H07_MR
	21534	GM_M23_A1_H08	GM_M23_A1_H08_MF	
	21535	GM_M23_A1_H08		GM_M23_A1_H08_MR
	21536	GM_M23_A1_H09	GM_M23_A1_H09_MF	
35	21537	GM_M23_A1_H09		GM_M23_A1_H09_MR
	21538	GM_M23_A1_H10	GM_M23_A1_H10_MF	
	21539	GM_M23_A1_H10		GM_M23_A1_H10_MR
	21540	GM_M23_A1_H11	GM_M23_A1_H11_MF	
	21541	GM_M23_A1_H11		GM_M23_A1_H11_MR
40	21542	GM_M23_A1_H12	GM_M23_A1_H12_MF	
	21543	GM_M23_A1_H12		GM_M23_A1_H12_MR
	21544	GM_M23_A2_A01	GM_M23_A2_A01_MF	
	21545	GM_M23_A2_A01		GM_M23_A2_A01_MR
	21546	GM_M23_A2_A02	GM_M23_A2_A02_MF	
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	21548	GM_M23_A2_A03	GM_M23_A2_A03_MF	
	21549	GM_M23_A2_A03		GM_M23_A2_A03_MR
	21550	GM_M23_A2_A04	GM_M23_A2_A04_MF	
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	21554	GM_M23_A2_A07	GM_M23_A2_A07_MF	
	21555	GM_M23_A2_A07		GM_M23_A2_A07_MR
	21556	GM_M23_A2_A08	GM_M23_A2_A08_MF	
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	21558	GM_M23_A2_A09	GM_M23_A2_A09_MF	
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	21560	GM_M23_A2_A10	GM_M23_A2_A10_MF	
	21561	GM_M23_A2_A10		GM_M23_A2_A10_MR
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	21563	GM_M23_A2_A11		GM_M23_A2_A11_MR
	21564	GM_M23_A2_A12	GM_M23_A2_A12_MF	
	21565	GM_M23_A2_A12		GM_M23_A2_A12_MR
	21566	GM_M23_A2_B01	GM_M23_A2_B01_MF	
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	21568	GM_M23_A2_B02	GM_M23_A2_B02_MF	
	21569	GM_M23_A2_B02		GM_M23_A2_B02_MR
	21570	GM_M23_A2_B03	GM_M23_A2_B03_MF	
	21571	GM_M23_A2_B03		GM_M23_A2_B03_MR
15	21572	GM_M23_A2_B04	GM_M23_A2_B04_MF	
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	21576	GM_M23_A2_B06	GM_M23_A2_B06_MF	
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	21578	GM_M23_A2_B07	GM_M23_A2_B07_MF	
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	21580	GM_M23_A2_B08	GM_M23_A2_B08_MF	
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	21584	GM_M23_A2_B10	GM_M23_A2_B10_MF	
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	21586	GM_M23_A2_B11	GM_M23_A2_B11_MF	
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	21588	GM_M23_A2_B12	GM_M23_A2_B12_MF	
	21589	GM_M23_A2_B12		GM_M23_A2_B12_MR
	21590	GM_M23_A2_C01	GM_M23_A2_C01_MF	
	21591	GM_M23_A2_C01		GM_M23_A2_C01_MR
35	21592	GM_M23_A2_C02	GM_M23_A2_C02_MF	
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	21594	GM_M23_A2_C03	GM_M23_A2_C03_MF	
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	21596	GM_M23_A2_C04	GM_M23_A2_C04_MF	
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	21604	GM_M23_A2_C08	GM_M23_A2_C08_MF	
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	21606	GM_M23_A2_C09	GM_M23_A2_C09_MF	
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	21610	GM_M23_A2_C11	GM_M23_A2_C11_MF	
	21611	GM_M23_A2_C11		GM_M23_A2_C11_MR
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	21613	GM_M23_A2_C12		GM_M23_A2_C12_MR
	21614	GM_M23_A2_D01	GM_M23_A2_D01_MF	
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	21616	GM_M23_A2_D02	GM_M23_A2_D02_MF	
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	21636	GM_M23_A2_D12	GM_M23_A2_D12_MF	
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	21638	GM_M23_A2_E01	GM_M23_A2_E01_MF	
	21639	GM_M23_A2_E01		GM_M23_A2_E01_MR
	21640	GM_M23_A2_E02	GM_M23_A2_E02_MF	
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	21644	GM_M23_A2_E04	GM_M23_A2_E04_MF	
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	21650	GM_M23_A2_E07	GM_M23_A2_E07_MF	
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	21654	GM_M23_A2_E09	GM_M23_A2_E09_MF	
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	21664	GM_M23_A2_F03	GM_M23_A2_F03_MF	
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	21674	GM_M23_A2_F08	GM_M23_A2_F08_MF	
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	21676	GM_M23_A2_F09	GM_M23_A2_F09_MF	
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	21680	GM_M23_A2_F11	GM_M23_A2_F11_MF	
	21681	GM_M23_A2_F11		GM_M23_A2_F11_MR
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	21684	GM_M23_A2_G01	GM_M23_A2_G01_MF	
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	21686	GM_M23_A2_G03	GM_M23_A2_G03_MF	
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	21690	GM_M23_A2_G05	GM_M23_A2_G05_MF	
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	21694	GM_M23_A2_G07	GM_M23_A2_G07_MF	
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	21704	GM_M23_A2_H01	GM_M23_A2_H01_MF	
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	21706	GM_M23_A2_H02	GM_M23_A2_H02_MF	
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	21720	GM_M23_A2_H09	GM_M23_A2_H09_MF	
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	21724	GM_M23_A2_H11	GM_M23_A2_H11_MF	
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	21726	GM_M23_A2_H12	GM_M23_A2_H12_MF	
5	21727	GM_M23_A2_H12		GM_M23_A2_H12_MR
	21728	GM_M23_B1_A01	GM_M23_B1_A01_MF	
	21729	GM_M23_B1_A01		GM_M23_B1_A01_MR
	21730	GM_M23_B1_A02	GM_M23_B1_A02_MF	
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	21754	GM_M23_B1_B02	GM_M23_B1_B02_MF	
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	21760	GM_M23_B1_B05	GM_M23_B1_B05_MF	
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	21774	GM_M23_B1_B12	GM_M23_B1_B12_MF	
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	21776	GM_M23_B1_C01	GM_M23_B1_C01_MF	
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	21778	GM_M23_B1_C02	GM_M23_B1_C02_MF	
	21779	GM_M23_B1_C02		GM_M23_B1_C02_MR
	21780	GM_M23_B1_C03	GM_M23_B1_C03_MF	
	21781	GM_M23_B1_C03		GM_M23_B1_C03_MR
5	21782	GM_M23_B1_C04	GM_M23_B1_C04_MF	
	21783	GM_M23_B1_C04		GM_M23_B1_C04_MR
	21784	GM_M23_B1_C05	GM_M23_B1_C05_MF	
	21785	GM_M23_B1_C05		GM_M23_B1_C05_MR
	21786	GM_M23_B1_C06	GM_M23_B1_C06_MF	
10	21787	GM_M23_B1_C06		GM_M23_B1_C06_MR
	21788	GM_M23_B1_C07	GM_M23_B1_C07_MF	
	21789	GM_M23_B1_C07		GM_M23_B1_C07_MR
	21790	GM_M23_B1_C08	GM_M23_B1_C08_MF	
	21791	GM_M23_B1_C08		GM_M23_B1_C08_MR
15	21792	GM_M23_B1_C09	GM_M23_B1_C09_MF	
	21793	GM_M23_B1_C09		GM_M23_B1_C09_MR
	21794	GM_M23_B1_C10	GM_M23_B1_C10_MF	
	21795	GM_M23_B1_C10		GM_M23_B1_C10_MR
	21796	GM_M23_B1_C11	GM_M23_B1_C11_MF	
20	21797	GM_M23_B1_C11		GM_M23_B1_C11_MR
	21798	GM_M23_B1_C12	GM_M23_B1_C12_MF	
	21799	GM_M23_B1_C12		GM_M23_B1_C12_MR
	21800	GM_M23_B1_D01	GM_M23_B1_D01_MF	
	21801	GM_M23_B1_D01		GM_M23_B1_D01_MR
25	21802	GM_M23_B1_D02	GM_M23_B1_D02_MF	
	21803	GM_M23_B1_D02		GM_M23_B1_D02_MR
	21804	GM_M23_B1_D03	GM_M23_B1_D03_MF	
	21805	GM_M23_B1_D03		GM_M23_B1_D03_MR
	21806	GM_M23_B1_D04	GM_M23_B1_D04_MF	
30	21807	GM_M23_B1_D04		GM_M23_B1_D04_MR
	21808	GM_M23_B1_D06	GM_M23_B1_D06_MF	
	21809	GM_M23_B1_D06		GM_M23_B1_D06_MR
	21810	GM_M23_B1_D07	GM_M23_B1_D07_MF	
	21811	GM_M23_B1_D07		GM_M23_B1_D07_MR
35	21812	GM_M23_B1_D08	GM_M23_B1_D08_MF	
	21813	GM_M23_B1_D08		GM_M23_B1_D08_MR
	21814	GM_M23_B1_D09	GM_M23_B1_D09_MF	
	21815	GM_M23_B1_D09		GM_M23_B1_D09_MR
	21816	GM_M23_B1_D10	GM_M23_B1_D10_MF	
40	21817	GM_M23_B1_D10		GM_M23_B1_D10_MR
	21818	GM_M23_B1_D11	GM_M23_B1_D11_MF	
	21819	GM_M23_B1_D11		GM_M23_B1_D11_MR
	21820	GM_M23_B1_D12	GM_M23_B1_D12_MF	
	21821	GM_M23_B1_D12		GM_M23_B1_D12_MR
45	21822	GM_M23_B1_E01	GM_M23_B1_E01_MF	
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	21824	GM_M23_B1_E02	GM_M23_B1_E02_MF	
	21825	GM_M23_B1_E02		GM_M23_B1_E02_MR
	21826	GM_M23_B1_E03	GM_M23_B1_E03_MF	
50	21827	GM_M23_B1_E03		GM_M23_B1_E03_MR
	21828	GM_M23_B1_E04	GM_M23_B1_E04_MF	
	21829	GM_M23_B1_E04		GM_M23_B1_E04_MR
	21830	GM_M23_B1_E05	GM_M23_B1_E05_MF	
	21831	GM_M23_B1_E05		GM_M23_B1_E05_MR
55	21832	GM_M23_B1_E06	GM_M23_B1_E06_MF	

	21833	GM_M23_B1_E06		GM_M23_B1_E06_MR
	21834	GM_M23_B1_E07	GM_M23_B1_E07_MF	
	21835	GM_M23_B1_E07		GM_M23_B1_E07_MR
	21836	GM_M23_B1_E08	GM_M23_B1_E08_MF	
5	21837	GM_M23_B1_E08		GM_M23_B1_E08_MR
	21838	GM_M23_B1_E09	GM_M23_B1_E09_MF	
	21839	GM_M23_B1_E09		GM_M23_B1_E09_MR
	21840	GM_M23_B1_E10	GM_M23_B1_E10_MF	
	21841	GM_M23_B1_E10		GM_M23_B1_E10_MR
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	21843	GM_M23_B1_E11		GM_M23_B1_E11_MR
	21844	GM_M23_B1_E12	GM_M23_B1_E12_MF	
	21845	GM_M23_B1_E12		GM_M23_B1_E12_MR
	21846	GM_M23_B1_F01	GM_M23_B1_F01_MF	
15	21847	GM_M23_B1_F01		GM_M23_B1_F01_MR
	21848	GM_M23_B1_F02	GM_M23_B1_F02_MF	
	21849	GM_M23_B1_F02		GM_M23_B1_F02_MR
	21850	GM_M23_B1_F03	GM_M23_B1_F03_MF	
	21851	GM_M23_B1_F03		GM_M23_B1_F03_MR
20	21852	GM_M23_B1_F04	GM_M23_B1_F04_MF	
	21853	GM_M23_B1_F04		GM_M23_B1_F04_MR
	21854	GM_M23_B1_F05	GM_M23_B1_F05_MF	
	21855	GM_M23_B1_F05		GM_M23_B1_F05_MR
	21856	GM_M23_B1_F06	GM_M23_B1_F06_MF	
25	21857	GM_M23_B1_F06		GM_M23_B1_F06_MR
	21858	GM_M23_B1_F07	GM_M23_B1_F07_MF	
	21859	GM_M23_B1_F07		GM_M23_B1_F07_MR
	21860	GM_M23_B1_F08	GM_M23_B1_F08_MF	
	21861	GM_M23_B1_F08		GM_M23_B1_F08_MR
30	21862	GM_M23_B1_F09	GM_M23_B1_F09_MF	
	21863	GM_M23_B1_F09		GM_M23_B1_F09_MR
	21864	GM_M23_B1_F10	GM_M23_B1_F10_MF	
	21865	GM_M23_B1_F10		GM_M23_B1_F10_MR
	21866	GM_M23_B1_F11	GM_M23_B1_F11_MF	
35	21867	GM_M23_B1_F11		GM_M23_B1_F11_MR
	21868	GM_M23_B1_F12	GM_M23_B1_F12_MF	
	21869	GM_M23_B1_F12		GM_M23_B1_F12_MR
	21870	GM_M23_B1_G01	GM_M23_B1_G01_MF	
	21871	GM_M23_B1_G01		GM_M23_B1_G01_MR
40	21872	GM_M23_B1_G02	GM_M23_B1_G02_MF	
	21873	GM_M23_B1_G02		GM_M23_B1_G02_MR
	21874	GM_M23_B1_G03	GM_M23_B1_G03_MF	
	21875	GM_M23_B1_G03		GM_M23_B1_G03_MR
	21876	GM_M23_B1_G04	GM_M23_B1_G04_MF	
45	21877	GM_M23_B1_G04		GM_M23_B1_G04_MR
	21878	GM_M23_B1_G05	GM_M23_B1_G05_MF	
	21879	GM_M23_B1_G05		GM_M23_B1_G05_MR
	21880	GM_M23_B1_G06	GM_M23_B1_G06_MF	
	21881	GM_M23_B1_G06		GM_M23_B1_G06_MR
50	21882	GM_M23_B1_G07	GM_M23_B1_G07_MF	
	21883	GM_M23_B1_G07		GM_M23_B1_G07_MR
	21884	GM_M23_B1_G08	GM_M23_B1_G08_MF	
	21885	GM_M23_B1_G08		GM_M23_B1_G08_MR
	21886	GM_M23_B1_G09	GM_M23_B1_G09_MF	
55	21887	GM_M23_B1_G09		GM_M23_B1_G09_MR

	21888	GM_M23_B1_G10	GM_M23_B1_G10_MF	
	21889	GM_M23_B1_G10		GM_M23_B1_G10_MR
	21890	GM_M23_B1_G11	GM_M23_B1_G11_MF	
	21891	GM_M23_B1_G11		GM_M23_B1_G11_MR
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	21893	GM_M23_B1_G12		GM_M23_B1_G12_MR
	21894	GM_M23_B1_H01	GM_M23_B1_H01_MF	
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	21896	GM_M23_B1_H02	GM_M23_B1_H02_MF	
10	21897	GM_M23_B1_H02		GM_M23_B1_H02_MR
	21898	GM_M23_B1_H03	GM_M23_B1_H03_MF	
	21899	GM_M23_B1_H03		GM_M23_B1_H03_MR
	21900	GM_M23_B1_H04	GM_M23_B1_H04_MF	
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	21904	GM_M23_B1_H06	GM_M23_B1_H06_MF	
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	21906	GM_M23_B1_H07	GM_M23_B1_H07_MF	
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	21908	GM_M23_B1_H08	GM_M23_B1_H08_MF	
	21909	GM_M23_B1_H08		GM_M23_B1_H08_MR
	21910	GM_M23_B1_H09	GM_M23_B1_H09_MF	
	21911	GM_M23_B1_H09		GM_M23_B1_H09_MR
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	21913	GM_M23_B1_H10		GM_M23_B1_H10_MR
	21914	GM_M23_B1_H11	GM_M23_B1_H11_MF	
	21915	GM_M23_B1_H11		GM_M23_B1_H11_MR
	21916	GM_M23_B1_H12	GM_M23_B1_H12_MF	
30	21917	GM_M23_B1_H12		GM_M23_B1_H12_MR
	21918	GM_M24_A1_A01		GM_M24_A1_A01_MR
	21919	GM_M24_A1_A02	GM_M24_A1_A02_MF	
	21920	GM_M24_A1_A02		GM_M24_A1_A02_MR
	21921	GM_M24_A1_A03	GM_M24_A1_A03_MF	
35	21922	GM_M24_A1_A03		GM_M24_A1_A03_MR
	21923	GM_M24_A1_A04	GM_M24_A1_A04_MF	
	21924	GM_M24_A1_A04		GM_M24_A1_A04_MR
	21925	GM_M24_A1_A06		GM_M24_A1_A06_MR
	21926	GM_M24_A1_A07	GM_M24_A1_A07_MF	
40	21927	GM_M24_A1_A07		GM_M24_A1_A07_MR
	21928	GM_M24_A1_A08	GM_M24_A1_A08_MF	
	21929	GM_M24_A1_A08		GM_M24_A1_A08_MR
	21930	GM_M24_A1_A09	GM_M24_A1_A09_MF	
	21931	GM_M24_A1_A09		GM_M24_A1_A09_MR
45	21932	GM_M24_A1_A10	GM_M24_A1_A10_MF	
	21933	GM_M24_A1_A10		GM_M24_A1_A10_MR
	21934	GM_M24_A1_A11		GM_M24_A1_A11_MR
	21935	GM_M24_A1_A12	GM_M24_A1_A12_MF	
	21936	GM_M24_A1_A12		GM_M24_A1_A12_MR
50	21937	GM_M24_A1_B01	GM_M24_A1_B01_MF	
	21938	GM_M24_A1_B01		GM_M24_A1_B01_MR
	21939	GM_M24_A1_B02	GM_M24_A1_B02_MF	
	21940	GM_M24_A1_B02		GM_M24_A1_B02_MR
	21941	GM_M24_A1_B03	GM_M24_A1_B03_MF	
55	21942	GM_M24_A1_B03		GM_M24_A1_B03_MR

	21943	GM_M24_A1_B04	GM_M24_A1_B04_MF	
	21944	GM_M24_A1_B04		GM_M24_A1_B04_MR
	21945	GM_M24_A1_B05	GM_M24_A1_B05_MF	
	21946	GM_M24_A1_B05		GM_M24_A1_B05_MR
5	21947	GM_M24_A1_B06	GM_M24_A1_B06_MF	
	21948	GM_M24_A1_B06		GM_M24_A1_B06_MR
	21949	GM_M24_A1_B07	GM_M24_A1_B07_MF	
	21950	GM_M24_A1_B07		GM_M24_A1_B07_MR
	21951	GM_M24_A1_B08		GM_M24_A1_B08_MR
10	21952	GM_M24_A1_B09	GM_M24_A1_B09_MF	
	21953	GM_M24_A1_B09		GM_M24_A1_B09_MR
	21954	GM_M24_A1_B10	GM_M24_A1_B10_MF	
	21955	GM_M24_A1_B10		GM_M24_A1_B10_MR
	21956	GM_M24_A1_B11		GM_M24_A1_B11_MR
15	21957	GM_M24_A1_B12	GM_M24_A1_B12_MF	
	21958	GM_M24_A1_B12		GM_M24_A1_B12_MR
	21959	GM_M24_A1_C01	GM_M24_A1_C01_MF	
	21960	GM_M24_A1_C01		GM_M24_A1_C01_MR
	21961	GM_M24_A1_C02		GM_M24_A1_C02_MR
20	21962	GM_M24_A1_C03	GM_M24_A1_C03_MF	
	21963	GM_M24_A1_C03		GM_M24_A1_C03_MR
	21964	GM_M24_A1_C04	GM_M24_A1_C04_MF	
	21965	GM_M24_A1_C04		GM_M24_A1_C04_MR
	21966	GM_M24_A1_C05	GM_M24_A1_C05_MF	
25	21967	GM_M24_A1_C05		GM_M24_A1_C05_MR
	21968	GM_M24_A1_C06	GM_M24_A1_C06_MF	
	21969	GM_M24_A1_C06		GM_M24_A1_C06_MR
	21970	GM_M24_A1_C07	GM_M24_A1_C07_MF	
	21971	GM_M24_A1_C07		GM_M24_A1_C07_MR
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	21973	GM_M24_A1_C08		GM_M24_A1_C08_MR
	21974	GM_M24_A1_C09	GM_M24_A1_C09_MF	
	21975	GM_M24_A1_C09		GM_M24_A1_C09_MR
	21976	GM_M24_A1_C10	GM_M24_A1_C10_MF	
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	21978	GM_M24_A1_C11	GM_M24_A1_C11_MF	
	21979	GM_M24_A1_C11		GM_M24_A1_C11_MR
	21980	GM_M24_A1_C12	GM_M24_A1_C12_MF	
	21981	GM_M24_A1_C12		GM_M24_A1_C12_MR
40	21982	GM_M24_A1_D01	GM_M24_A1_D01_MF	
	21983	GM_M24_A1_D01		GM_M24_A1_D01_MR
	21984	GM_M24_A1_D02	GM_M24_A1_D02_MF	
	21985	GM_M24_A1_D02		GM_M24_A1_D02_MR
	21986	GM_M24_A1_D03	GM_M24_A1_D03_MF	
45	21987	GM_M24_A1_D03		GM_M24_A1_D03_MR
	21988	GM_M24_A1_D04	GM_M24_A1_D04_MF	
	21989	GM_M24_A1_D04		GM_M24_A1_D04_MR
	21990	GM_M24_A1_D05	GM_M24_A1_D05_MF	
	21991	GM_M24_A1_D05		GM_M24_A1_D05_MR
50	21992	GM_M24_A1_D06	GM_M24_A1_D06_MF	
	21993	GM_M24_A1_D06		GM_M24_A1_D06_MR
	21994	GM_M24_A1_D07	GM_M24_A1_D07_MF	
	21995	GM_M24_A1_D07		GM_M24_A1_D07_MR
	21996	GM_M24_A1_D08	GM_M24_A1_D08_MF	
55	21997	GM_M24_A1_D08		GM_M24_A1_D08_MR

	21998	GM_M24_A1_D09	GM_M24_A1_D09_MF	
	21999	GM_M24_A1_D09		GM_M24_A1_D09_MR
	22000	GM_M24_A1_D10	GM_M24_A1_D10_MF	
	22001	GM_M24_A1_D10		GM_M24_A1_D10_MR
5	22002	GM_M24_A1_D11		GM_M24_A1_D11_MR
	22003	GM_M24_A1_D12		GM_M24_A1_D12_MR
	22004	GM_M24_A1_E01	GM_M24_A1_E01_MF	
	22005	GM_M24_A1_E01		GM_M24_A1_E01_MR
	22006	GM_M24_A1_E02	GM_M24_A1_E02_MF	
10	22007	GM_M24_A1_E02		GM_M24_A1_E02_MR
	22008	GM_M24_A1_E03	GM_M24_A1_E03_MF	
	22009	GM_M24_A1_E03		GM_M24_A1_E03_MR
	22010	GM_M24_A1_E04	GM_M24_A1_E04_MF	
	22011	GM_M24_A1_E04		GM_M24_A1_E04_MR
15	22012	GM_M24_A1_E05	GM_M24_A1_E05_MF	
	22013	GM_M24_A1_E05		GM_M24_A1_E05_MR
	22014	GM_M24_A1_E06	GM_M24_A1_E06_MF	
	22015	GM_M24_A1_E06		GM_M24_A1_E06_MR
	22016	GM_M24_A1_E07	GM_M24_A1_E07_MF	
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	22018	GM_M24_A1_E08	GM_M24_A1_E08_MF	
	22019	GM_M24_A1_E08		GM_M24_A1_E08_MR
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	22024	GM_M24_A1_E11	GM_M24_A1_E11_MF	
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	22026	GM_M24_A1_E12	GM_M24_A1_E12_MF	
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	22028	GM_M24_A1_F01		GM_M24_A1_F01_MR
	22029	GM_M24_A1_F02		GM_M24_A1_F02_MR
	22030	GM_M24_A1_F03		GM_M24_A1_F03_MR
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	22033	GM_M24_A1_F05	GM_M24_A1_F05_MF	
	22034	GM_M24_A1_F05		GM_M24_A1_F05_MR
	22035	GM_M24_A1_F06	GM_M24_A1_F06_MF	
	22036	GM_M24_A1_F06		GM_M24_A1_F06_MR
40	22037	GM_M24_A1_F07	GM_M24_A1_F07_MF	
	22038	GM_M24_A1_F07		GM_M24_A1_F07_MR
	22039	GM_M24_A1_F08	GM_M24_A1_F08_MF	
	22040	GM_M24_A1_F08		GM_M24_A1_F08_MR
	22041	GM_M24_A1_F09	GM_M24_A1_F09_MF	
45	22042	GM_M24_A1_F09		GM_M24_A1_F09_MR
	22043	GM_M24_A1_F10	GM_M24_A1_F10_MF	
	22044	GM_M24_A1_F10		GM_M24_A1_F10_MR
	22045	GM_M24_A1_F11	GM_M24_A1_F11_MF	
	22046	GM_M24_A1_F11		GM_M24_A1_F11_MR
50	22047	GM_M24_A1_F12	GM_M24_A1_F12_MF	
	22048	GM_M24_A1_F12		GM_M24_A1_F12_MR
	22049	GM_M24_A1_G01		GM_M24_A1_G01_MR
	22050	GM_M24_A1_G02		GM_M24_A1_G02_MR
	22051	GM_M24_A1_G03		GM_M24_A1_G03_MR
55	22052	GM_M24_A1_G04	GM_M24_A1_G04_MF	

	22053	GM_M24_A1_G04		GM_M24_A1_G04_MR
	22054	GM_M24_A1_G05	GM_M24_A1_G05_MF	
	22055	GM_M24_A1_G05		GM_M24_A1_G05_MR
	22056	GM_M24_A1_G06	GM_M24_A1_G06_MF	
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	22058	GM_M24_A1_G07	GM_M24_A1_G07_MF	
	22059	GM_M24_A1_G07		GM_M24_A1_G07_MR
	22060	GM_M24_A1_G08	GM_M24_A1_G08_MF	
	22061	GM_M24_A1_G08		GM_M24_A1_G08_MR
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	22063	GM_M24_A1_G09		GM_M24_A1_G09_MR
	22064	GM_M24_A1_G10	GM_M24_A1_G10_MF	
	22065	GM_M24_A1_G10		GM_M24_A1_G10_MR
	22066	GM_M24_A1_G11		GM_M24_A1_G11_MR
15	22067	GM_M24_A1_G12		GM_M24_A1_G12_MR
	22068	GM_M24_A1_H01	GM_M24_A1_H01_MF	
	22069	GM_M24_A1_H01		GM_M24_A1_H01_MR
	22070	GM_M24_A1_H02	GM_M24_A1_H02_MF	
	22071	GM_M24_A1_H02		GM_M24_A1_H02_MR
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	22073	GM_M24_A1_H03		GM_M24_A1_H03_MR
	22074	GM_M24_A1_H04	GM_M24_A1_H04_MF	
	22075	GM_M24_A1_H04		GM_M24_A1_H04_MR
	22076	GM_M24_A1_H05	GM_M24_A1_H05_MF	
25	22077	GM_M24_A1_H05		GM_M24_A1_H05_MR
	22078	GM_M24_A1_H06	GM_M24_A1_H06_MF	
	22079	GM_M24_A1_H06		GM_M24_A1_H06_MR
	22080	GM_M24_A1_H07	GM_M24_A1_H07_MF	
	22081	GM_M24_A1_H07		GM_M24_A1_H07_MR
30	22082	GM_M24_A1_H08	GM_M24_A1_H08_MF	
	22083	GM_M24_A1_H08		GM_M24_A1_H08_MR
	22084	GM_M24_A1_H10	GM_M24_A1_H10_MF	
	22085	GM_M24_A1_H10		GM_M24_A1_H10_MR
	22086	GM_M24_A1_H12	GM_M24_A1_H12_MF	
35	22087	GM_M24_A1_H12		GM_M24_A1_H12_MR
	22088	GM_M24_A2_A02	GM_M24_A2_A02_MF	
	22089	GM_M24_A2_A02		GM_M24_A2_A02_MR
	22090	GM_M24_A2_A03	GM_M24_A2_A03_MF	
	22091	GM_M24_A2_A03		GM_M24_A2_A03_MR
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	22094	GM_M24_A2_A05	GM_M24_A2_A05_MF	
	22095	GM_M24_A2_A05		GM_M24_A2_A05_MR
	22096	GM_M24_A2_A06	GM_M24_A2_A06_MF	
45	22097	GM_M24_A2_A06		GM_M24_A2_A06_MR
	22098	GM_M24_A2_A07	GM_M24_A2_A07_MF	
	22099	GM_M24_A2_A07		GM_M24_A2_A07_MR
	22100	GM_M24_A2_A08	GM_M24_A2_A08_MF	
	22101	GM_M24_A2_A08		GM_M24_A2_A08_MR
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	22103	GM_M24_A2_A09		GM_M24_A2_A09_MR
	22104	GM_M24_A2_A10	GM_M24_A2_A10_MF	
	22105	GM_M24_A2_A10		GM_M24_A2_A10_MR
	22106	GM_M24_A2_A11	GM_M24_A2_A11_MF	
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	22108	GM_M24_A2_A12	GM_M24_A2_A12_MF	
	22109	GM_M24_A2_A12		GM_M24_A2_A12_MR
	22110	GM_M24_A2_B01	GM_M24_A2_B01_MF	
	22111	GM_M24_A2_B01		GM_M24_A2_B01_MR
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	22114	GM_M24_A2_B03	GM_M24_A2_B03_MF	
	22115	GM_M24_A2_B03		GM_M24_A2_B03_MR
	22116	GM_M24_A2_B04	GM_M24_A2_B04_MF	
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	22118	GM_M24_A2_B05	GM_M24_A2_B05_MF	
	22119	GM_M24_A2_B05		GM_M24_A2_B05_MR
	22120	GM_M24_A2_B06	GM_M24_A2_B06_MF	
	22121	GM_M24_A2_B06		GM_M24_A2_B06_MR
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	22123	GM_M24_A2_B07		GM_M24_A2_B07_MR
	22124	GM_M24_A2_B08	GM_M24_A2_B08_MF	
	22125	GM_M24_A2_B08		GM_M24_A2_B08_MR
	22126	GM_M24_A2_B09	GM_M24_A2_B09_MF	
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	22128	GM_M24_A2_B10	GM_M24_A2_B10_MF	
	22129	GM_M24_A2_B10		GM_M24_A2_B10_MR
	22130	GM_M24_A2_B11	GM_M24_A2_B11_MF	
	22131	GM_M24_A2_B11		GM_M24_A2_B11_MR
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	22133	GM_M24_A2_B12		GM_M24_A2_B12_MR
	22134	GM_M24_A2_C01	GM_M24_A2_C01_MF	
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	22136	GM_M24_A2_C02	GM_M24_A2_C02_MF	
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	22139	GM_M24_A2_C03		GM_M24_A2_C03_MR
	22140	GM_M24_A2_C04	GM_M24_A2_C04_MF	
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	22144	GM_M24_A2_C06	GM_M24_A2_C06_MF	
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	22146	GM_M24_A2_C07	GM_M24_A2_C07_MF	
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	22149	GM_M24_A2_C08		GM_M24_A2_C08_MR
	22150	GM_M24_A2_C09	GM_M24_A2_C09_MF	
	22151	GM_M24_A2_C09		GM_M24_A2_C09_MR
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	22154	GM_M24_A2_C11	GM_M24_A2_C11_MF	
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	22156	GM_M24_A2_C12	GM_M24_A2_C12_MF	
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	22160	GM_M24_A2_D02	GM_M24_A2_D02_MF	
	22161	GM_M24_A2_D02		GM_M24_A2_D02_MR
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	22164	GM_M24_A2_D04	GM_M24_A2_D04_MF	
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	22184	GM_M24_A2_E02	GM_M24_A2_E02_MF	
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	22186	GM_M24_A2_E03	GM_M24_A2_E03_MF	
25	22187	GM_M24_A2_E03		GM_M24_A2_E03_MR
	22188	GM_M24_A2_E05	GM_M24_A2_E05_MF	
	22189	GM_M24_A2_E05		GM_M24_A2_E05_MR
	22190	GM_M24_A2_E06	GM_M24_A2_E06_MF	
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	22194	GM_M24_A2_E08	GM_M24_A2_E08_MF	
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	22206	GM_M24_A2_F02	GM_M24_A2_F02_MF	
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	22214	GM_M24_A2_F06	GM_M24_A2_F06_MF	
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	22216	GM_M24_A2_F07	GM_M24_A2_F07_MF	
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	22224	GM_M24_A2_F11	GM_M24_A2_F11_MF	
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	22226	GM_M24_A2_F12	GM_M24_A2_F12_MF	
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	22228	GM_M24_A2_G01	GM_M24_A2_G01_MF	
	22229	GM_M24_A2_G01		GM_M24_A2_G01_MR
	22230	GM_M24_A2_G02	GM_M24_A2_G02_MF	
	22231	GM_M24_A2_G02		GM_M24_A2_G02_MR
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	22234	GM_M24_A2_G04	GM_M24_A2_G04_MF	
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	22240	GM_M24_A2_G07	GM_M24_A2_G07_MF	
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	22256	GM_M24_A2_H03	GM_M24_A2_H03_MF	
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	22269	GM_M24_A2_H09		GM_M24_A2_H09_MR
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	22271	GM_M24_A2_H11	GM_M24_A2_H11_MF	
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	22296	GM_M24_B1_B01	GM_M24_B1_B01_MF	
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	22306	GM_M24_B1_B06	GM_M24_B1_B06_MF	
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	22310	GM_M24_B1_B08	GM_M24_B1_B08_MF	
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	22314	GM_M24_B1_B10	GM_M24_B1_B10_MF	
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	22316	GM_M24_B1_B11	GM_M24_B1_B11_MF	
45	22317	GM_M24_B1_B11		GM_M24_B1_B11_MR
	22318	GM_M24_B1_B12		GM_M24_B1_B12_MR
	22319	GM_M24_B1_C01	GM_M24_B1_C01_MF	
	22320	GM_M24_B1_C01		GM_M24_B1_C01_MR
	22321	GM_M24_B1_C02	GM_M24_B1_C02_MF	
50	22322	GM_M24_B1_C02		GM_M24_B1_C02_MR
	22323	GM_M24_B1_C03	GM_M24_B1_C03_MF	
	22324	GM_M24_B1_C03		GM_M24_B1_C03_MR
	22325	GM_M24_B1_C04	GM_M24_B1_C04_MF	
	22326	GM_M24_B1_C04		GM_M24_B1_C04_MR
55	22327	GM_M24_B1_C05	GM_M24_B1_C05_MF	

	22328	GM_M24_B1_C05		GM_M24_B1_C05_MR
	22329	GM_M24_B1_C06	GM_M24_B1_C06_MF	
	22330	GM_M24_B1_C06		GM_M24_B1_C06_MR
	22331	GM_M24_B1_C07	GM_M24_B1_C07_MF	
5	22332	GM_M24_B1_C07		GM_M24_B1_C07_MR
	22333	GM_M24_B1_C08		GM_M24_B1_C08_MR
	22334	GM_M24_B1_C09	GM_M24_B1_C09_MF	
	22335	GM_M24_B1_C09		GM_M24_B1_C09_MR
	22336	GM_M24_B1_C10	GM_M24_B1_C10_MF	
10	22337	GM_M24_B1_C10		GM_M24_B1_C10_MR
	22338	GM_M24_B1_C11	GM_M24_B1_C11_MF	
	22339	GM_M24_B1_C11		GM_M24_B1_C11_MR
	22340	GM_M24_B1_C12	GM_M24_B1_C12_MF	
	22341	GM_M24_B1_C12		GM_M24_B1_C12_MR
15	22342	GM_M24_B1_D01		GM_M24_B1_D01_MR
	22343	GM_M24_B1_D02		GM_M24_B1_D02_MR
	22344	GM_M24_B1_D03	GM_M24_B1_D03_MF	
	22345	GM_M24_B1_D03		GM_M24_B1_D03_MR
	22346	GM_M24_B1_D04	GM_M24_B1_D04_MF	
20	22347	GM_M24_B1_D04		GM_M24_B1_D04_MR
	22348	GM_M24_B1_D05	GM_M24_B1_D05_MF	
	22349	GM_M24_B1_D05		GM_M24_B1_D05_MR
	22350	GM_M24_B1_D06	GM_M24_B1_D06_MF	
	22351	GM_M24_B1_D06		GM_M24_B1_D06_MR
25	22352	GM_M24_B1_D07	GM_M24_B1_D07_MF	
	22353	GM_M24_B1_D07		GM_M24_B1_D07_MR
	22354	GM_M24_B1_D08	GM_M24_B1_D08_MF	
	22355	GM_M24_B1_D08		GM_M24_B1_D08_MR
	22356	GM_M24_B1_D09	GM_M24_B1_D09_MF	
30	22357	GM_M24_B1_D09		GM_M24_B1_D09_MR
	22358	GM_M24_B1_D10	GM_M24_B1_D10_MF	
	22359	GM_M24_B1_D10		GM_M24_B1_D10_MR
	22360	GM_M24_B1_D11	GM_M24_B1_D11_MF	
	22361	GM_M24_B1_D11		GM_M24_B1_D11_MR
35	22362	GM_M24_B1_D12	GM_M24_B1_D12_MF	
	22363	GM_M24_B1_D12		GM_M24_B1_D12_MR
	22364	GM_M24_B1_E01	GM_M24_B1_E01_MF	
	22365	GM_M24_B1_E01		GM_M24_B1_E01_MR
	22366	GM_M24_B1_E02	GM_M24_B1_E02_MF	
40	22367	GM_M24_B1_E02		GM_M24_B1_E02_MR
	22368	GM_M24_B1_E03		GM_M24_B1_E03_MR
	22369	GM_M24_B1_E04	GM_M24_B1_E04_MF	
	22370	GM_M24_B1_E04		GM_M24_B1_E04_MR
	22371	GM_M24_B1_E05	GM_M24_B1_E05_MF	
45	22372	GM_M24_B1_E05		GM_M24_B1_E05_MR
	22373	GM_M24_B1_E06		GM_M24_B1_E06_MR
	22374	GM_M24_B1_E07	GM_M24_B1_E07_MF	
	22375	GM_M24_B1_E07		GM_M24_B1_E07_MR
	22376	GM_M24_B1_E08		GM_M24_B1_E08_MR
50	22377	GM_M24_B1_E10	GM_M24_B1_E10_MF	
	22378	GM_M24_B1_E10		GM_M24_B1_E10_MR
	22379	GM_M24_B1_E11	GM_M24_B1_E11_MF	
	22380	GM_M24_B1_E11		GM_M24_B1_E11_MR
	22381	GM_M24_B1_E12		GM_M24_B1_E12_MR
55	22382	GM_M24_B1_F01	GM_M24_B1_F01_MF	

	22383	GM_M24_B1_F01		GM_M24_B1_F01_MR
	22384	GM_M24_B1_F02	GM_M24_B1_F02_MF	
	22385	GM_M24_B1_F02		GM_M24_B1_F02_MR
	22386	GM_M24_B1_F03	GM_M24_B1_F03_MF	
5	22387	GM_M24_B1_F03		GM_M24_B1_F03_MR
	22388	GM_M24_B1_F04	GM_M24_B1_F04_MF	
	22389	GM_M24_B1_F04		GM_M24_B1_F04_MR
	22390	GM_M24_B1_F05	GM_M24_B1_F05_MF	
	22391	GM_M24_B1_F05		GM_M24_B1_F05_MR
10	22392	GM_M24_B1_F06	GM_M24_B1_F06_MF	
	22393	GM_M24_B1_F06		GM_M24_B1_F06_MR
	22394	GM_M24_B1_F07	GM_M24_B1_F07_MF	
	22395	GM_M24_B1_F07		GM_M24_B1_F07_MR
	22396	GM_M24_B1_F08	GM_M24_B1_F08_MF	
15	22397	GM_M24_B1_F08		GM_M24_B1_F08_MR
	22398	GM_M24_B1_F09	GM_M24_B1_F09_MF	
	22399	GM_M24_B1_F09		GM_M24_B1_F09_MR
	22400	GM_M24_B1_F10	GM_M24_B1_F10_MF	
	22401	GM_M24_B1_F10		GM_M24_B1_F10_MR
20	22402	GM_M24_B1_F11		GM_M24_B1_F11_MR
	22403	GM_M24_B1_F12	GM_M24_B1_F12_MF	
	22404	GM_M24_B1_F12		GM_M24_B1_F12_MR
	22405	GM_M24_B1_G01	GM_M24_B1_G01_MF	
	22406	GM_M24_B1_G01		GM_M24_B1_G01_MR
25	22407	GM_M24_B1_G02	GM_M24_B1_G02_MF	
	22408	GM_M24_B1_G02		GM_M24_B1_G02_MR
	22409	GM_M24_B1_G03	GM_M24_B1_G03_MF	
	22410	GM_M24_B1_G03		GM_M24_B1_G03_MR
	22411	GM_M24_B1_G04	GM_M24_B1_G04_MF	
30	22412	GM_M24_B1_G04		GM_M24_B1_G04_MR
	22413	GM_M24_B1_G05	GM_M24_B1_G05_MF	
	22414	GM_M24_B1_G05		GM_M24_B1_G05_MR
	22415	GM_M24_B1_G06	GM_M24_B1_G06_MF	
	22416	GM_M24_B1_G06		GM_M24_B1_G06_MR
35	22417	GM_M24_B1_G07	GM_M24_B1_G07_MF	
	22418	GM_M24_B1_G07		GM_M24_B1_G07_MR
	22419	GM_M24_B1_G08	GM_M24_B1_G08_MF	
	22420	GM_M24_B1_G08		GM_M24_B1_G08_MR
	22421	GM_M24_B1_G09		GM_M24_B1_G09_MR
40	22422	GM_M24_B1_G10	GM_M24_B1_G10_MF	
	22423	GM_M24_B1_G10		GM_M24_B1_G10_MR
	22424	GM_M24_B1_G11	GM_M24_B1_G11_MF	
	22425	GM_M24_B1_G11		GM_M24_B1_G11_MR
	22426	GM_M24_B1_G12	GM_M24_B1_G12_MF	
45	22427	GM_M24_B1_G12		GM_M24_B1_G12_MR
	22428	GM_M24_B1_H01	GM_M24_B1_H01_MF	
	22429	GM_M24_B1_H01		GM_M24_B1_H01_MR
	22430	GM_M24_B1_H02	GM_M24_B1_H02_MF	
	22431	GM_M24_B1_H02		GM_M24_B1_H02_MR
50	22432	GM_M24_B1_H03	GM_M24_B1_H03_MF	
	22433	GM_M24_B1_H03		GM_M24_B1_H03_MR
	22434	GM_M24_B1_H04	GM_M24_B1_H04_MF	
	22435	GM_M24_B1_H04		GM_M24_B1_H04_MR
	22436	GM_M24_B1_H05	GM_M24_B1_H05_MF	
55	22437	GM_M24_B1_H05		GM_M24_B1_H05_MR

	22438	GM_M24_B1_H06	GM_M24_B1_H06_MF	
	22439	GM_M24_B1_H06		GM_M24_B1_H06_MR
	22440	GM_M24_B1_H07		GM_M24_B1_H07_MR
	22441	GM_M24_B1_H08	GM_M24_B1_H08_MF	
5	22442	GM_M24_B1_H08		GM_M24_B1_H08_MR
	22443	GM_M24_B1_H09		GM_M24_B1_H09_MR
	22444	GM_M24_B1_H10	GM_M24_B1_H10_MF	
	22445	GM_M24_B1_H10		GM_M24_B1_H10_MR
	22446	GM_M24_B1_H11	GM_M24_B1_H11_MF	
10	22447	GM_M24_B1_H11		GM_M24_B1_H11_MR
	22448	GM_M24_B1_H12	GM_M24_B1_H12_MF	
	22449	GM_M24_B1_H12		GM_M24_B1_H12_MR
	22450	GM_M24_B2_A01		GM_M24_B2_A01_MR
	22451	GM_M24_B2_A02		GM_M24_B2_A02_MR
15	22452	GM_M24_B2_A03	GM_M24_B2_A03_MF	
	22453	GM_M24_B2_A03		GM_M24_B2_A03_MR
	22454	GM_M24_B2_A04	GM_M24_B2_A04_MF	
	22455	GM_M24_B2_A05		GM_M24_B2_A05_MR
	22456	GM_M24_B2_A06		GM_M24_B2_A06_MR
20	22457	GM_M24_B2_A07	GM_M24_B2_A07_MF	
	22458	GM_M24_B2_A07		GM_M24_B2_A07_MR
	22459	GM_M24_B2_A08	GM_M24_B2_A08_MF	
	22460	GM_M24_B2_A08		GM_M24_B2_A08_MR
	22461	GM_M24_B2_A09	GM_M24_B2_A09_MF	
25	22462	GM_M24_B2_A09		GM_M24_B2_A09_MR
	22463	GM_M24_B2_A10	GM_M24_B2_A10_MF	
	22464	GM_M24_B2_A10		GM_M24_B2_A10_MR
	22465	GM_M24_B2_A11	GM_M24_B2_A11_MF	
	22466	GM_M24_B2_A11		GM_M24_B2_A11_MR
30	22467	GM_M24_B2_A12	GM_M24_B2_A12_MF	
	22468	GM_M24_B2_A12		GM_M24_B2_A12_MR
	22469	GM_M24_B2_B01	GM_M24_B2_B01_MF	
	22470	GM_M24_B2_B01		GM_M24_B2_B01_MR
	22471	GM_M24_B2_B02	GM_M24_B2_B02_MF	
35	22472	GM_M24_B2_B02		GM_M24_B2_B02_MR
	22473	GM_M24_B2_B03	GM_M24_B2_B03_MF	
	22474	GM_M24_B2_B03		GM_M24_B2_B03_MR
	22475	GM_M24_B2_B04	GM_M24_B2_B04_MF	
	22476	GM_M24_B2_B04		GM_M24_B2_B04_MR
40	22477	GM_M24_B2_B05	GM_M24_B2_B05_MF	
	22478	GM_M24_B2_B05		GM_M24_B2_B05_MR
	22479	GM_M24_B2_B06	GM_M24_B2_B06_MF	
	22480	GM_M24_B2_B06		GM_M24_B2_B06_MR
	22481	GM_M24_B2_B07	GM_M24_B2_B07_MF	
45	22482	GM_M24_B2_B07		GM_M24_B2_B07_MR
	22483	GM_M24_B2_B08	GM_M24_B2_B08_MF	
	22484	GM_M24_B2_B08		GM_M24_B2_B08_MR
	22485	GM_M24_B2_B09	GM_M24_B2_B09_MF	
	22486	GM_M24_B2_B09		GM_M24_B2_B09_MR
50	22487	GM_M24_B2_B10	GM_M24_B2_B10_MF	
	22488	GM_M24_B2_B10		GM_M24_B2_B10_MR
	22489	GM_M24_B2_B11	GM_M24_B2_B11_MF	
	22490	GM_M24_B2_B11		GM_M24_B2_B11_MR
	22491	GM_M24_B2_B12	GM_M24_B2_B12_MF	
55	22492	GM_M24_B2_B12		GM_M24_B2_B12_MR

	22493	GM_M24_B2_C01	GM_M24_B2_C01_MF	
	22494	GM_M24_B2_C01		GM_M24_B2_C01_MR
	22495	GM_M24_B2_C02	GM_M24_B2_C02_MF	
	22496	GM_M24_B2_C02		GM_M24_B2_C02_MR
5	22497	GM_M24_B2_C03	GM_M24_B2_C03_MF	
	22498	GM_M24_B2_C03		GM_M24_B2_C03_MR
	22499	GM_M24_B2_C04	GM_M24_B2_C04_MF	
	22500	GM_M24_B2_C04		GM_M24_B2_C04_MR
	22501	GM_M24_B2_C05	GM_M24_B2_C05_MF	
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	22503	GM_M24_B2_C06	GM_M24_B2_C06_MF	
	22504	GM_M24_B2_C06		GM_M24_B2_C06_MR
	22505	GM_M24_B2_C07	GM_M24_B2_C07_MF	
	22506	GM_M24_B2_C07		GM_M24_B2_C07_MR
15	22507	GM_M24_B2_C08	GM_M24_B2_C08_MF	
	22508	GM_M24_B2_C08		GM_M24_B2_C08_MR
	22509	GM_M24_B2_C09	GM_M24_B2_C09_MF	
	22510	GM_M24_B2_C09		GM_M24_B2_C09_MR
	22511	GM_M24_B2_C10	GM_M24_B2_C10_MF	
20	22512	GM_M24_B2_C10		GM_M24_B2_C10_MR
	22513	GM_M24_B2_C11	GM_M24_B2_C11_MF	
	22514	GM_M24_B2_C11		GM_M24_B2_C11_MR
	22515	GM_M24_B2_C12	GM_M24_B2_C12_MF	
	22516	GM_M24_B2_C12		GM_M24_B2_C12_MR
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	22518	GM_M24_B2_D01		GM_M24_B2_D01_MR
	22519	GM_M24_B2_D02	GM_M24_B2_D02_MF	
	22520	GM_M24_B2_D02		GM_M24_B2_D02_MR
	22521	GM_M24_B2_D03	GM_M24_B2_D03_MF	
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	22524	GM_M24_B2_D05	GM_M24_B2_D05_MF	
	22525	GM_M24_B2_D05		GM_M24_B2_D05_MR
	22526	GM_M24_B2_D06	GM_M24_B2_D06_MF	
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	22529	GM_M24_B2_D07		GM_M24_B2_D07_MR
	22530	GM_M24_B2_D08	GM_M24_B2_D08_MF	
	22531	GM_M24_B2_D08		GM_M24_B2_D08_MR
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	22533	GM_M24_B2_D09		GM_M24_B2_D09_MR
	22534	GM_M24_B2_D10	GM_M24_B2_D10_MF	
	22535	GM_M24_B2_D10		GM_M24_B2_D10_MR
	22536	GM_M24_B2_D11	GM_M24_B2_D11_MF	
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	22538	GM_M24_B2_D12		GM_M24_B2_D12_MR
	22539	GM_M24_B2_E01	GM_M24_B2_E01_MF	
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	22541	GM_M24_B2_E02	GM_M24_B2_E02_MF	
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	22544	GM_M24_B2_E03		GM_M24_B2_E03_MR
	22545	GM_M24_B2_E04	GM_M24_B2_E04_MF	
	22546	GM_M24_B2_E04		GM_M24_B2_E04_MR
55	22547	GM_M24_B2_E05		GM_M24_B2_E05_MR

	22548	GM_M24_B2_E06	GM_M24_B2_E06_MF	
	22549	GM_M24_B2_E06		GM_M24_B2_E06_MR
	22550	GM_M24_B2_E07	GM_M24_B2_E07_MF	
	22551	GM_M24_B2_E07		GM_M24_B2_E07_MR
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	22553	GM_M24_B2_E09	GM_M24_B2_E09_MF	
	22554	GM_M24_B2_E09		GM_M24_B2_E09_MR
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	22556	GM_M24_B2_E10		GM_M24_B2_E10_MR
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	22559	GM_M24_B2_E12	GM_M24_B2_E12_MF	
	22560	GM_M24_B2_E12		GM_M24_B2_E12_MR
	22561	GM_M24_B2_F01	GM_M24_B2_F01_MF	
15	22562	GM_M24_B2_F01		GM_M24_B2_F01_MR
	22563	GM_M24_B2_F02	GM_M24_B2_F02_MF	
	22564	GM_M24_B2_F02		GM_M24_B2_F02_MR
	22565	GM_M24_B2_F03	GM_M24_B2_F03_MF	
	22566	GM_M24_B2_F03		GM_M24_B2_F03_MR
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	22569	GM_M24_B2_F05	GM_M24_B2_F05_MF	
	22570	GM_M24_B2_F05		GM_M24_B2_F05_MR
	22571	GM_M24_B2_F06	GM_M24_B2_F06_MF	
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	22573	GM_M24_B2_F07		GM_M24_B2_F07_MR
	22574	GM_M24_B2_F08		GM_M24_B2_F08_MR
	22575	GM_M24_B2_F09	GM_M24_B2_F09_MF	
	22576	GM_M24_B2_F09		GM_M24_B2_F09_MR
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	22578	GM_M24_B2_F10		GM_M24_B2_F10_MR
	22579	GM_M24_B2_F11	GM_M24_B2_F11_MF	
	22580	GM_M24_B2_F11		GM_M24_B2_F11_MR
	22581	GM_M24_B2_F12	GM_M24_B2_F12_MF	
35	22582	GM_M24_B2_F12		GM_M24_B2_F12_MR
	22583	GM_M24_B2_G01	GM_M24_B2_G01_MF	
	22584	GM_M24_B2_G01		GM_M24_B2_G01_MR
	22585	GM_M24_B2_G02	GM_M24_B2_G02_MF	
	22586	GM_M24_B2_G02		GM_M24_B2_G02_MR
40	22587	GM_M24_B2_G03	GM_M24_B2_G03_MF	
	22588	GM_M24_B2_G03		GM_M24_B2_G03_MR
	22589	GM_M24_B2_G04	GM_M24_B2_G04_MF	
	22590	GM_M24_B2_G04		GM_M24_B2_G04_MR
	22591	GM_M24_B2_G05	GM_M24_B2_G05_MF	
45	22592	GM_M24_B2_G05		GM_M24_B2_G05_MR
	22593	GM_M24_B2_G06	GM_M24_B2_G06_MF	
	22594	GM_M24_B2_G06		GM_M24_B2_G06_MR
	22595	GM_M24_B2_G07	GM_M24_B2_G07_MF	
	22596	GM_M24_B2_G07		GM_M24_B2_G07_MR
50	22597	GM_M24_B2_G08	GM_M24_B2_G08_MF	
	22598	GM_M24_B2_G08		GM_M24_B2_G08_MR
	22599	GM_M24_B2_G09	GM_M24_B2_G09_MF	
	22600	GM_M24_B2_G09		GM_M24_B2_G09_MR
	22601	GM_M24_B2_G10	GM_M24_B2_G10_MF	
55	22602	GM_M24_B2_G10		GM_M24_B2_G10_MR

	22603	GM_M24_B2_G11	GM_M24_B2_G11_MF	
	22604	GM_M24_B2_G11		GM_M24_B2_G11_MR
	22605	GM_M24_B2_G12	GM_M24_B2_G12_MF	
	22606	GM_M24_B2_G12		GM_M24_B2_G12_MR
5	22607	GM_M24_B2_H01	GM_M24_B2_H01_MF	
	22608	GM_M24_B2_H01		GM_M24_B2_H01_MR
	22609	GM_M24_B2_H02		GM_M24_B2_H02_MR
	22610	GM_M24_B2_H03	GM_M24_B2_H03_MF	
	22611	GM_M24_B2_H03		GM_M24_B2_H03_MR
10	22612	GM_M24_B2_H04	GM_M24_B2_H04_MF	
	22613	GM_M24_B2_H04		GM_M24_B2_H04_MR
	22614	GM_M24_B2_H05	GM_M24_B2_H05_MF	
	22615	GM_M24_B2_H05		GM_M24_B2_H05_MR
	22616	GM_M24_B2_H06	GM_M24_B2_H06_MF	
15	22617	GM_M24_B2_H06		GM_M24_B2_H06_MR
	22618	GM_M24_B2_H07		GM_M24_B2_H07_MR
	22619	GM_M24_B2_H08	GM_M24_B2_H08_MF	
	22620	GM_M24_B2_H08		GM_M24_B2_H08_MR
	22621	GM_M24_B2_H09	GM_M24_B2_H09_MF	
20	22622	GM_M24_B2_H09		GM_M24_B2_H09_MR
	22623	GM_M24_B2_H10	GM_M24_B2_H10_MF	
	22624	GM_M24_B2_H10		GM_M24_B2_H10_MR
	22625	GM_M24_B2_H11	GM_M24_B2_H11_MF	
	22626	GM_M24_B2_H11		GM_M24_B2_H11_MR
25	22627	GM_M24_B2_H12	GM_M24_B2_H12_MF	
	22628	GM_M24_B2_H12		GM_M24_B2_H12_MR
	22629	GM_M25_A1_A01	GM_M25_A1_A01_MF	
	22630	GM_M25_A1_A01		GM_M25_A1_A01_MR
	22631	GM_M25_A1_A02	GM_M25_A1_A02_MF	
30	22632	GM_M25_A1_A02		GM_M25_A1_A02_MR
	22633	GM_M25_A1_A03	GM_M25_A1_A03_MF	
	22634	GM_M25_A1_A03		GM_M25_A1_A03_MR
	22635	GM_M25_A1_A04	GM_M25_A1_A04_MF	
	22636	GM_M25_A1_A04		GM_M25_A1_A04_MR
35	22637	GM_M25_A1_A05	GM_M25_A1_A05_MF	
	22638	GM_M25_A1_A05		GM_M25_A1_A05_MR
	22639	GM_M25_A1_A06	GM_M25_A1_A06_MF	
	22640	GM_M25_A1_A06		GM_M25_A1_A06_MR
	22641	GM_M25_A1_A07	GM_M25_A1_A07_MF	
40	22642	GM_M25_A1_A07		GM_M25_A1_A07_MR
	22643	GM_M25_A1_A08	GM_M25_A1_A08_MF	
	22644	GM_M25_A1_A08		GM_M25_A1_A08_MR
	22645	GM_M25_A1_A09	GM_M25_A1_A09_MF	
	22646	GM_M25_A1_A09		GM_M25_A1_A09_MR
45	22647	GM_M25_A1_A10	GM_M25_A1_A10_MF	
	22648	GM_M25_A1_A10		GM_M25_A1_A10_MR
	22649	GM_M25_A1_A11		GM_M25_A1_A11_MR
	22650	GM_M25_A1_A12	GM_M25_A1_A12_MF	
	22651	GM_M25_A1_A12		GM_M25_A1_A12_MR
50	22652	GM_M25_A1_B01	GM_M25_A1_B01_MF	
	22653	GM_M25_A1_B01		GM_M25_A1_B01_MR
	22654	GM_M25_A1_B02	GM_M25_A1_B02_MF	
	22655	GM_M25_A1_B03	GM_M25_A1_B03_MF	
	22656	GM_M25_A1_B03		GM_M25_A1_B03_MR
55	22657	GM_M25_A1_B04	GM_M25_A1_B04_MF	

	22658	GM_M25_A1_B04		GM_M25_A1_B04_MR
	22659	GM_M25_A1_B05	GM_M25_A1_B05_MF	
	22660	GM_M25_A1_B05		GM_M25_A1_B05_MR
	22661	GM_M25_A1_B06	GM_M25_A1_B06_MF	
5	22662	GM_M25_A1_B06		GM_M25_A1_B06_MR
	22663	GM_M25_A1_B07	GM_M25_A1_B07_MF	
	22664	GM_M25_A1_B07		GM_M25_A1_B07_MR
	22665	GM_M25_A1_B08	GM_M25_A1_B08_MF	
	22666	GM_M25_A1_B08		GM_M25_A1_B08_MR
10	22667	GM_M25_A1_B09	GM_M25_A1_B09_MF	
	22668	GM_M25_A1_B09		GM_M25_A1_B09_MR
	22669	GM_M25_A1_B10	GM_M25_A1_B10_MF	
	22670	GM_M25_A1_B10		GM_M25_A1_B10_MR
	22671	GM_M25_A1_B11	GM_M25_A1_B11_MF	
15	22672	GM_M25_A1_B11		GM_M25_A1_B11_MR
	22673	GM_M25_A1_B12	GM_M25_A1_B12_MF	
	22674	GM_M25_A1_B12		GM_M25_A1_B12_MR
	22675	GM_M25_A1_C01	GM_M25_A1_C01_MF	
	22676	GM_M25_A1_C01		GM_M25_A1_C01_MR
20	22677	GM_M25_A1_C02	GM_M25_A1_C02_MF	
	22678	GM_M25_A1_C02		GM_M25_A1_C02_MR
	22679	GM_M25_A1_C03	GM_M25_A1_C03_MF	
	22680	GM_M25_A1_C03		GM_M25_A1_C03_MR
	22681	GM_M25_A1_C04	GM_M25_A1_C04_MF	
25	22682	GM_M25_A1_C04		GM_M25_A1_C04_MR
	22683	GM_M25_A1_C05	GM_M25_A1_C05_MF	
	22684	GM_M25_A1_C05		GM_M25_A1_C05_MR
	22685	GM_M25_A1_C06	GM_M25_A1_C06_MF	
	22686	GM_M25_A1_C06		GM_M25_A1_C06_MR
30	22687	GM_M25_A1_C07	GM_M25_A1_C07_MF	
	22688	GM_M25_A1_C07		GM_M25_A1_C07_MR
	22689	GM_M25_A1_C08	GM_M25_A1_C08_MF	
	22690	GM_M25_A1_C08		GM_M25_A1_C08_MR
	22691	GM_M25_A1_C09	GM_M25_A1_C09_MF	
35	22692	GM_M25_A1_C09		GM_M25_A1_C09_MR
	22693	GM_M25_A1_C10	GM_M25_A1_C10_MF	
	22694	GM_M25_A1_C10		GM_M25_A1_C10_MR
	22695	GM_M25_A1_C11	GM_M25_A1_C11_MF	
	22696	GM_M25_A1_C11		GM_M25_A1_C11_MR
40	22697	GM_M25_A1_C12	GM_M25_A1_C12_MF	
	22698	GM_M25_A1_C12		GM_M25_A1_C12_MR
	22699	GM_M25_A1_D01	GM_M25_A1_D01_MF	
	22700	GM_M25_A1_D01		GM_M25_A1_D01_MR
	22701	GM_M25_A1_D02	GM_M25_A1_D02_MF	
45	22702	GM_M25_A1_D02		GM_M25_A1_D02_MR
	22703	GM_M25_A1_D03	GM_M25_A1_D03_MF	
	22704	GM_M25_A1_D03		GM_M25_A1_D03_MR
	22705	GM_M25_A1_D04	GM_M25_A1_D04_MF	
	22706	GM_M25_A1_D04		GM_M25_A1_D04_MR
50	22707	GM_M25_A1_D05	GM_M25_A1_D05_MF	
	22708	GM_M25_A1_D05		GM_M25_A1_D05_MR
	22709	GM_M25_A1_D06	GM_M25_A1_D06_MF	
	22710	GM_M25_A1_D06		GM_M25_A1_D06_MR
	22711	GM_M25_A1_D07	GM_M25_A1_D07_MF	
55	22712	GM_M25_A1_D07		GM_M25_A1_D07_MR

	22713	GM_M25_A1_D08	GM_M25_A1_D08_MF	
	22714	GM_M25_A1_D08		GM_M25_A1_D08_MR
	22715	GM_M25_A1_D09	GM_M25_A1_D09_MF	
	22716	GM_M25_A1_D09		GM_M25_A1_D09_MR
5	22717	GM_M25_A1_D10	GM_M25_A1_D10_MF	
	22718	GM_M25_A1_D10		GM_M25_A1_D10_MR
	22719	GM_M25_A1_D11	GM_M25_A1_D11_MF	
	22720	GM_M25_A1_D11		GM_M25_A1_D11_MR
10	22721	GM_M25_A1_D12	GM_M25_A1_D12_MF	
	22722	GM_M25_A1_D12		GM_M25_A1_D12_MR
	22723	GM_M25_A1_E01	GM_M25_A1_E01_MF	
	22724	GM_M25_A1_E01		GM_M25_A1_E01_MR
	22725	GM_M25_A1_E02	GM_M25_A1_E02_MF	
	22726	GM_M25_A1_E02		GM_M25_A1_E02_MR
15	22727	GM_M25_A1_E03	GM_M25_A1_E03_MF	
	22728	GM_M25_A1_E03		GM_M25_A1_E03_MR
	22729	GM_M25_A1_E04	GM_M25_A1_E04_MF	
	22730	GM_M25_A1_E04		GM_M25_A1_E04_MR
20	22731	GM_M25_A1_E05	GM_M25_A1_E05_MF	
	22732	GM_M25_A1_E05		GM_M25_A1_E05_MR
	22733	GM_M25_A1_E06	GM_M25_A1_E06_MF	
	22734	GM_M25_A1_E06		GM_M25_A1_E06_MR
	22735	GM_M25_A1_E07	GM_M25_A1_E07_MF	
	22736	GM_M25_A1_E07		GM_M25_A1_E07_MR
25	22737	GM_M25_A1_E08	GM_M25_A1_E08_MF	
	22738	GM_M25_A1_E08		GM_M25_A1_E08_MR
	22739	GM_M25_A1_E09	GM_M25_A1_E09_MF	
	22740	GM_M25_A1_E10	GM_M25_A1_E10_MF	
	22741	GM_M25_A1_E10		GM_M25_A1_E10_MR
30	22742	GM_M25_A1_E11	GM_M25_A1_E11_MF	
	22743	GM_M25_A1_E12	GM_M25_A1_E12_MF	
	22744	GM_M25_A1_E12		GM_M25_A1_E12_MR
	22745	GM_M25_A1_F01	GM_M25_A1_F01_MF	
	22746	GM_M25_A1_F01		GM_M25_A1_F01_MR
35	22747	GM_M25_A1_F02	GM_M25_A1_F02_MF	
	22748	GM_M25_A1_F02		GM_M25_A1_F02_MR
	22749	GM_M25_A1_F03	GM_M25_A1_F03_MF	
	22750	GM_M25_A1_F03		GM_M25_A1_F03_MR
40	22751	GM_M25_A1_F04	GM_M25_A1_F04_MF	
	22752	GM_M25_A1_F04		GM_M25_A1_F04_MR
	22753	GM_M25_A1_F05	GM_M25_A1_F05_MF	
	22754	GM_M25_A1_F05		GM_M25_A1_F05_MR
	22755	GM_M25_A1_F06	GM_M25_A1_F06_MF	
	22756	GM_M25_A1_F06		GM_M25_A1_F06_MR
45	22757	GM_M25_A1_F07	GM_M25_A1_F07_MF	
	22758	GM_M25_A1_F07		GM_M25_A1_F07_MR
	22759	GM_M25_A1_F08	GM_M25_A1_F08_MF	
	22760	GM_M25_A1_F08		GM_M25_A1_F08_MR
	22761	GM_M25_A1_F09	GM_M25_A1_F09_MF	
50	22762	GM_M25_A1_F09		GM_M25_A1_F09_MR
	22763	GM_M25_A1_F10	GM_M25_A1_F10_MF	
	22764	GM_M25_A1_F10		GM_M25_A1_F10_MR
	22765	GM_M25_A1_F11	GM_M25_A1_F11_MF	
	22766	GM_M25_A1_F11		GM_M25_A1_F11_MR
55	22767	GM_M25_A1_F12	GM_M25_A1_F12_MF	

	22768	GM_M25_A1_F12		GM_M25_A1_F12_MR
	22769	GM_M25_A1_G01	GM_M25_A1_G01_MF	
	22770	GM_M25_A1_G01		GM_M25_A1_G01_MR
	22771	GM_M25_A1_G02	GM_M25_A1_G02_MF	
5	22772	GM_M25_A1_G02		GM_M25_A1_G02_MR
	22773	GM_M25_A1_G03	GM_M25_A1_G03_MF	
	22774	GM_M25_A1_G03		GM_M25_A1_G03_MR
	22775	GM_M25_A1_G04	GM_M25_A1_G04_MF	
	22776	GM_M25_A1_G04		GM_M25_A1_G04_MR
10	22777	GM_M25_A1_G05	GM_M25_A1_G05_MF	
	22778	GM_M25_A1_G05		GM_M25_A1_G05_MR
	22779	GM_M25_A1_G06	GM_M25_A1_G06_MF	
	22780	GM_M25_A1_G06		GM_M25_A1_G06_MR
	22781	GM_M25_A1_G07	GM_M25_A1_G07_MF	
15	22782	GM_M25_A1_G07		GM_M25_A1_G07_MR
	22783	GM_M25_A1_G08	GM_M25_A1_G08_MF	
	22784	GM_M25_A1_G08		GM_M25_A1_G08_MR
	22785	GM_M25_A1_G09	GM_M25_A1_G09_MF	
	22786	GM_M25_A1_G10	GM_M25_A1_G10_MF	
20	22787	GM_M25_A1_G10		GM_M25_A1_G10_MR
	22788	GM_M25_A1_G11	GM_M25_A1_G11_MF	
	22789	GM_M25_A1_G11		GM_M25_A1_G11_MR
	22790	GM_M25_A1_G12	GM_M25_A1_G12_MF	
	22791	GM_M25_A1_G12		GM_M25_A1_G12_MR
25	22792	GM_M25_A1_H01	GM_M25_A1_H01_MF	
	22793	GM_M25_A1_H02	GM_M25_A1_H02_MF	
	22794	GM_M25_A1_H02		GM_M25_A1_H02_MR
	22795	GM_M25_A1_H03	GM_M25_A1_H03_MF	
	22796	GM_M25_A1_H03		GM_M25_A1_H03_MR
30	22797	GM_M25_A1_H04	GM_M25_A1_H04_MF	
	22798	GM_M25_A1_H04		GM_M25_A1_H04_MR
	22799	GM_M25_A1_H05	GM_M25_A1_H05_MF	
	22800	GM_M25_A1_H05		GM_M25_A1_H05_MR
	22801	GM_M25_A1_H06	GM_M25_A1_H06_MF	
35	22802	GM_M25_A1_H06		GM_M25_A1_H06_MR
	22803	GM_M25_A1_H07	GM_M25_A1_H07_MF	
	22804	GM_M25_A1_H07		GM_M25_A1_H07_MR
	22805	GM_M25_A1_H08	GM_M25_A1_H08_MF	
	22806	GM_M25_A1_H08		GM_M25_A1_H08_MR
40	22807	GM_M25_A1_H09	GM_M25_A1_H09_MF	
	22808	GM_M25_A1_H09		GM_M25_A1_H09_MR
	22809	GM_M25_A1_H10	GM_M25_A1_H10_MF	
	22810	GM_M25_A1_H10		GM_M25_A1_H10_MR
	22811	GM_M25_A1_H11	GM_M25_A1_H11_MF	
45	22812	GM_M25_A1_H11		GM_M25_A1_H11_MR
	22813	GM_M25_A1_H12	GM_M25_A1_H12_MF	
	22814	GM_M25_A1_H12		GM_M25_A1_H12_MR
	22815	GM_M25_A2_A01	GM_M25_A2_A01_MF	
	22816	GM_M25_A2_A01		GM_M25_A2_A01_MR
50	22817	GM_M25_A2_A02	GM_M25_A2_A02_MF	
	22818	GM_M25_A2_A02		GM_M25_A2_A02_MR
	22819	GM_M25_A2_A03	GM_M25_A2_A03_MF	
	22820	GM_M25_A2_A03		GM_M25_A2_A03_MR
	22821	GM_M25_A2_A04	GM_M25_A2_A04_MF	
55	22822	GM_M25_A2_A04		GM_M25_A2_A04_MR

	22823	GM_M25_A2_A05	GM_M25_A2_A05_MF	
	22824	GM_M25_A2_A05		GM_M25_A2_A05_MR
	22825	GM_M25_A2_A06	GM_M25_A2_A06_MF	
	22826	GM_M25_A2_A06		GM_M25_A2_A06_MR
5	22827	GM_M25_A2_A08	GM_M25_A2_A08_MF	
	22828	GM_M25_A2_A08		GM_M25_A2_A08_MR
	22829	GM_M25_A2_A09	GM_M25_A2_A09_MF	
	22830	GM_M25_A2_A09		GM_M25_A2_A09_MR
	22831	GM_M25_A2_A10		GM_M25_A2_A10_MR
10	22832	GM_M25_A2_A11	GM_M25_A2_A11_MF	
	22833	GM_M25_A2_A11		GM_M25_A2_A11_MR
	22834	GM_M25_A2_A12		GM_M25_A2_A12_MR
	22835	GM_M25_A2_B01	GM_M25_A2_B01_MF	
	22836	GM_M25_A2_B01		GM_M25_A2_B01_MR
15	22837	GM_M25_A2_B02	GM_M25_A2_B02_MF	
	22838	GM_M25_A2_B02		GM_M25_A2_B02_MR
	22839	GM_M25_A2_B03	GM_M25_A2_B03_MF	
	22840	GM_M25_A2_B03		GM_M25_A2_B03_MR
	22841	GM_M25_A2_B04	GM_M25_A2_B04_MF	
20	22842	GM_M25_A2_B04		GM_M25_A2_B04_MR
	22843	GM_M25_A2_B05	GM_M25_A2_B05_MF	
	22844	GM_M25_A2_B05		GM_M25_A2_B05_MR
	22845	GM_M25_A2_B06	GM_M25_A2_B06_MF	
	22846	GM_M25_A2_B06		GM_M25_A2_B06_MR
25	22847	GM_M25_A2_B07	GM_M25_A2_B07_MF	
	22848	GM_M25_A2_B07		GM_M25_A2_B07_MR
	22849	GM_M25_A2_B08	GM_M25_A2_B08_MF	
	22850	GM_M25_A2_B08		GM_M25_A2_B08_MR
	22851	GM_M25_A2_B09	GM_M25_A2_B09_MF	
30	22852	GM_M25_A2_B09		GM_M25_A2_B09_MR
	22853	GM_M25_A2_B10	GM_M25_A2_B10_MF	
	22854	GM_M25_A2_B10		GM_M25_A2_B10_MR
	22855	GM_M25_A2_B11	GM_M25_A2_B11_MF	
	22856	GM_M25_A2_B11		GM_M25_A2_B11_MR
35	22857	GM_M25_A2_C01	GM_M25_A2_C01_MF	
	22858	GM_M25_A2_C01		GM_M25_A2_C01_MR
	22859	GM_M25_A2_C02	GM_M25_A2_C02_MF	
	22860	GM_M25_A2_C02		GM_M25_A2_C02_MR
	22861	GM_M25_A2_C03		GM_M25_A2_C03_MR
40	22862	GM_M25_A2_C04	GM_M25_A2_C04_MF	
	22863	GM_M25_A2_C04		GM_M25_A2_C04_MR
	22864	GM_M25_A2_C05	GM_M25_A2_C05_MF	
	22865	GM_M25_A2_C05		GM_M25_A2_C05_MR
	22866	GM_M25_A2_C06	GM_M25_A2_C06_MF	
45	22867	GM_M25_A2_C06		GM_M25_A2_C06_MR
	22868	GM_M25_A2_C07	GM_M25_A2_C07_MF	
	22869	GM_M25_A2_C07		GM_M25_A2_C07_MR
	22870	GM_M25_A2_C08	GM_M25_A2_C08_MF	
	22871	GM_M25_A2_C08		GM_M25_A2_C08_MR
50	22872	GM_M25_A2_C09	GM_M25_A2_C09_MF	
	22873	GM_M25_A2_C09		GM_M25_A2_C09_MR
	22874	GM_M25_A2_C10	GM_M25_A2_C10_MF	
	22875	GM_M25_A2_C10		GM_M25_A2_C10_MR
	22876	GM_M25_A2_C11	GM_M25_A2_C11_MF	
55	22877	GM_M25_A2_C11		GM_M25_A2_C11_MR

	22878	GM_M25_A2_C12	GM_M25_A2_C12_MF	
	22879	GM_M25_A2_C12		GM_M25_A2_C12_MR
	22880	GM_M25_A2_D01	GM_M25_A2_D01_MF	
	22881	GM_M25_A2_D01		GM_M25_A2_D01_MR
5	22882	GM_M25_A2_D02	GM_M25_A2_D02_MF	
	22883	GM_M25_A2_D02		GM_M25_A2_D02_MR
	22884	GM_M25_A2_D03	GM_M25_A2_D03_MF	
	22885	GM_M25_A2_D03		GM_M25_A2_D03_MR
	22886	GM_M25_A2_D04	GM_M25_A2_D04_MF	
10	22887	GM_M25_A2_D04		GM_M25_A2_D04_MR
	22888	GM_M25_A2_D05	GM_M25_A2_D05_MF	
	22889	GM_M25_A2_D05		GM_M25_A2_D05_MR
	22890	GM_M25_A2_D06	GM_M25_A2_D06_MF	
	22891	GM_M25_A2_D06		GM_M25_A2_D06_MR
15	22892	GM_M25_A2_D07	GM_M25_A2_D07_MF	
	22893	GM_M25_A2_D07		GM_M25_A2_D07_MR
	22894	GM_M25_A2_D08	GM_M25_A2_D08_MF	
	22895	GM_M25_A2_D08		GM_M25_A2_D08_MR
	22896	GM_M25_A2_D09	GM_M25_A2_D09_MF	
20	22897	GM_M25_A2_D09		GM_M25_A2_D09_MR
	22898	GM_M25_A2_D10	GM_M25_A2_D10_MF	
	22899	GM_M25_A2_D10		GM_M25_A2_D10_MR
	22900	GM_M25_A2_D11	GM_M25_A2_D11_MF	
	22901	GM_M25_A2_D11		GM_M25_A2_D11_MR
25	22902	GM_M25_A2_D12	GM_M25_A2_D12_MF	
	22903	GM_M25_A2_D12		GM_M25_A2_D12_MR
	22904	GM_M25_A2_E01	GM_M25_A2_E01_MF	
	22905	GM_M25_A2_E02	GM_M25_A2_E02_MF	
	22906	GM_M25_A2_E02		GM_M25_A2_E02_MR
30	22907	GM_M25_A2_E03	GM_M25_A2_E03_MF	
	22908	GM_M25_A2_E03		GM_M25_A2_E03_MR
	22909	GM_M25_A2_E04	GM_M25_A2_E04_MF	
	22910	GM_M25_A2_E05	GM_M25_A2_E05_MF	
	22911	GM_M25_A2_E05		GM_M25_A2_E05_MR
35	22912	GM_M25_A2_E07	GM_M25_A2_E07_MF	
	22913	GM_M25_A2_E07		GM_M25_A2_E07_MR
	22914	GM_M25_A2_E08	GM_M25_A2_E08_MF	
	22915	GM_M25_A2_E08		GM_M25_A2_E08_MR
	22916	GM_M25_A2_E09	GM_M25_A2_E09_MF	
40	22917	GM_M25_A2_E09		GM_M25_A2_E09_MR
	22918	GM_M25_A2_E10		GM_M25_A2_E10_MR
	22919	GM_M25_A2_E11	GM_M25_A2_E11_MF	
	22920	GM_M25_A2_E11		GM_M25_A2_E11_MR
	22921	GM_M25_A2_E12	GM_M25_A2_E12_MF	
45	22922	GM_M25_A2_E12		GM_M25_A2_E12_MR
	22923	GM_M25_A2_F01	GM_M25_A2_F01_MF	
	22924	GM_M25_A2_F01		GM_M25_A2_F01_MR
	22925	GM_M25_A2_F02	GM_M25_A2_F02_MF	
	22926	GM_M25_A2_F02		GM_M25_A2_F02_MR
50	22927	GM_M25_A2_F03		GM_M25_A2_F03_MR
	22928	GM_M25_A2_F04	GM_M25_A2_F04_MF	
	22929	GM_M25_A2_F04		GM_M25_A2_F04_MR
	22930	GM_M25_A2_F05	GM_M25_A2_F05_MF	
	22931	GM_M25_A2_F05		GM_M25_A2_F05_MR
55	22932	GM_M25_A2_F06	GM_M25_A2_F06_MF	

	22933	GM_M25_A2_F06		GM_M25_A2_F06_MR
	22934	GM_M25_A2_F07		GM_M25_A2_F07_MR
	22935	GM_M25_A2_F08	GM_M25_A2_F08_MF	
	22936	GM_M25_A2_F08		GM_M25_A2_F08_MR
5	22937	GM_M25_A2_F09	GM_M25_A2_F09_MF	
	22938	GM_M25_A2_F09		GM_M25_A2_F09_MR
	22939	GM_M25_A2_F10	GM_M25_A2_F10_MF	
	22940	GM_M25_A2_F10		GM_M25_A2_F10_MR
	22941	GM_M25_A2_F11	GM_M25_A2_F11_MF	
10	22942	GM_M25_A2_F11		GM_M25_A2_F11_MR
	22943	GM_M25_A2_F12	GM_M25_A2_F12_MF	
	22944	GM_M25_A2_F12		GM_M25_A2_F12_MR
	22945	GM_M25_A2_G01	GM_M25_A2_G01_MF	
	22946	GM_M25_A2_G01		GM_M25_A2_G01_MR
15	22947	GM_M25_A2_G02	GM_M25_A2_G02_MF	
	22948	GM_M25_A2_G02		GM_M25_A2_G02_MR
	22949	GM_M25_A2_G03	GM_M25_A2_G03_MF	
	22950	GM_M25_A2_G03		GM_M25_A2_G03_MR
	22951	GM_M25_A2_G04	GM_M25_A2_G04_MF	
20	22952	GM_M25_A2_G04		GM_M25_A2_G04_MR
	22953	GM_M25_A2_G05	GM_M25_A2_G05_MF	
	22954	GM_M25_A2_G05		GM_M25_A2_G05_MR
	22955	GM_M25_A2_G06	GM_M25_A2_G06_MF	
	22956	GM_M25_A2_G06		GM_M25_A2_G06_MR
25	22957	GM_M25_A2_G07	GM_M25_A2_G07_MF	
	22958	GM_M25_A2_G07		GM_M25_A2_G07_MR
	22959	GM_M25_A2_G08	GM_M25_A2_G08_MF	
	22960	GM_M25_A2_G08		GM_M25_A2_G08_MR
	22961	GM_M25_A2_G09	GM_M25_A2_G09_MF	
30	22962	GM_M25_A2_G09		GM_M25_A2_G09_MR
	22963	GM_M25_A2_G10	GM_M25_A2_G10_MF	
	22964	GM_M25_A2_G10		GM_M25_A2_G10_MR
	22965	GM_M25_A2_G11		GM_M25_A2_G11_MR
	22966	GM_M25_A2_G12	GM_M25_A2_G12_MF	
35	22967	GM_M25_A2_G12		GM_M25_A2_G12_MR
	22968	GM_M25_A2_H01	GM_M25_A2_H01_MF	
	22969	GM_M25_A2_H01		GM_M25_A2_H01_MR
	22970	GM_M25_A2_H02	GM_M25_A2_H02_MF	
	22971	GM_M25_A2_H02		GM_M25_A2_H02_MR
40	22972	GM_M25_A2_H03	GM_M25_A2_H03_MF	
	22973	GM_M25_A2_H03		GM_M25_A2_H03_MR
	22974	GM_M25_A2_H04	GM_M25_A2_H04_MF	
	22975	GM_M25_A2_H04		GM_M25_A2_H04_MR
	22976	GM_M25_A2_H05	GM_M25_A2_H05_MF	
45	22977	GM_M25_A2_H05		GM_M25_A2_H05_MR
	22978	GM_M25_A2_H06	GM_M25_A2_H06_MF	
	22979	GM_M25_A2_H06		GM_M25_A2_H06_MR
	22980	GM_M25_A2_H07	GM_M25_A2_H07_MF	
	22981	GM_M25_A2_H07		GM_M25_A2_H07_MR
50	22982	GM_M25_A2_H08	GM_M25_A2_H08_MF	
	22983	GM_M25_A2_H08		GM_M25_A2_H08_MR
	22984	GM_M25_A2_H09	GM_M25_A2_H09_MF	
	22985	GM_M25_A2_H09		GM_M25_A2_H09_MR
	22986	GM_M25_A2_H10	GM_M25_A2_H10_MF	
55	22987	GM_M25_A2_H10		GM_M25_A2_H10_MR

	22988	GM_M25_A2_H11	GM_M25_A2_H11_MF	
	22989	GM_M25_A2_H11		GM_M25_A2_H11_MR
	22990	GM_M25_A2_H12	GM_M25_A2_H12_MF	
	22991	GM_M25_A2_H12		GM_M25_A2_H12_MR
5	22992	GM_M25_B1_A01	GM_M25_B1_A01_MF	
	22993	GM_M25_B1_A01		GM_M25_B1_A01_MR
	22994	GM_M25_B1_A02	GM_M25_B1_A02_MF	
	22995	GM_M25_B1_A02		GM_M25_B1_A02_MR
	22996	GM_M25_B1_A03	GM_M25_B1_A03_MF	
10	22997	GM_M25_B1_A04	GM_M25_B1_A04_MF	
	22998	GM_M25_B1_A05	GM_M25_B1_A05_MF	
	22999	GM_M25_B1_A05		GM_M25_B1_A05_MR
	23000	GM_M25_B1_A06	GM_M25_B1_A06_MF	
	23001	GM_M25_B1_A06		GM_M25_B1_A06_MR
15	23002	GM_M25_B1_A07	GM_M25_B1_A07_MF	
	23003	GM_M25_B1_A07		GM_M25_B1_A07_MR
	23004	GM_M25_B1_A08	GM_M25_B1_A08_MF	
	23005	GM_M25_B1_A08		GM_M25_B1_A08_MR
	23006	GM_M25_B1_A09	GM_M25_B1_A09_MF	
20	23007	GM_M25_B1_A09		GM_M25_B1_A09_MR
	23008	GM_M25_B1_A10	GM_M25_B1_A10_MF	
	23009	GM_M25_B1_A10		GM_M25_B1_A10_MR
	23010	GM_M25_B1_A11	GM_M25_B1_A11_MF	
	23011	GM_M25_B1_A11		GM_M25_B1_A11_MR
25	23012	GM_M25_B1_A12	GM_M25_B1_A12_MF	
	23013	GM_M25_B1_A12		GM_M25_B1_A12_MR
	23014	GM_M25_B1_B01	GM_M25_B1_B01_MF	
	23015	GM_M25_B1_B01		GM_M25_B1_B01_MR
	23016	GM_M25_B1_B02	GM_M25_B1_B02_MF	
30	23017	GM_M25_B1_B02		GM_M25_B1_B02_MR
	23018	GM_M25_B1_B03	GM_M25_B1_B03_MF	
	23019	GM_M25_B1_B03		GM_M25_B1_B03_MR
	23020	GM_M25_B1_B04	GM_M25_B1_B04_MF	
	23021	GM_M25_B1_B04		GM_M25_B1_B04_MR
35	23022	GM_M25_B1_B06	GM_M25_B1_B06_MF	
	23023	GM_M25_B1_B07	GM_M25_B1_B07_MF	
	23024	GM_M25_B1_B08	GM_M25_B1_B08_MF	
	23025	GM_M25_B1_B08		GM_M25_B1_B08_MR
	23026	GM_M25_B1_B09	GM_M25_B1_B09_MF	
40	23027	GM_M25_B1_B09		GM_M25_B1_B09_MR
	23028	GM_M25_B1_B10	GM_M25_B1_B10_MF	
	23029	GM_M25_B1_B10		GM_M25_B1_B10_MR
	23030	GM_M25_B1_B11	GM_M25_B1_B11_MF	
	23031	GM_M25_B1_B11		GM_M25_B1_B11_MR
45	23032	GM_M25_B1_B12	GM_M25_B1_B12_MF	
	23033	GM_M25_B1_B12		GM_M25_B1_B12_MR
	23034	GM_M25_B1_C01	GM_M25_B1_C01_MF	
	23035	GM_M25_B1_C01		GM_M25_B1_C01_MR
	23036	GM_M25_B1_C02	GM_M25_B1_C02_MF	
50	23037	GM_M25_B1_C03	GM_M25_B1_C03_MF	
	23038	GM_M25_B1_C03		GM_M25_B1_C03_MR
	23039	GM_M25_B1_C05	GM_M25_B1_C05_MF	
	23040	GM_M25_B1_C05		GM_M25_B1_C05_MR
	23041	GM_M25_B1_C06	GM_M25_B1_C06_MF	
55	23042	GM_M25_B1_C06		GM_M25_B1_C06_MR

	23043	GM_M25_B1_C07	GM_M25_B1_C07_MF	
	23044	GM_M25_B1_C07		GM_M25_B1_C07_MR
	23045	GM_M25_B1_C08	GM_M25_B1_C08_MF	
	23046	GM_M25_B1_C09	GM_M25_B1_C09_MF	
5	23047	GM_M25_B1_C09		GM_M25_B1_C09_MR
	23048	GM_M25_B1_C10	GM_M25_B1_C10_MF	
	23049	GM_M25_B1_C10		GM_M25_B1_C10_MR
	23050	GM_M25_B1_C11	GM_M25_B1_C11_MF	
	23051	GM_M25_B1_C12	GM_M25_B1_C12_MF	
10	23052	GM_M25_B1_C12		GM_M25_B1_C12_MR
	23053	GM_M25_B1_D01	GM_M25_B1_D01_MF	
	23054	GM_M25_B1_D01		GM_M25_B1_D01_MR
	23055	GM_M25_B1_D02	GM_M25_B1_D02_MF	
	23056	GM_M25_B1_D02		GM_M25_B1_D02_MR
15	23057	GM_M25_B1_D03	GM_M25_B1_D03_MF	
	23058	GM_M25_B1_D03		GM_M25_B1_D03_MR
	23059	GM_M25_B1_D04	GM_M25_B1_D04_MF	
	23060	GM_M25_B1_D04		GM_M25_B1_D04_MR
	23061	GM_M25_B1_D05	GM_M25_B1_D05_MF	
20	23062	GM_M25_B1_D05		GM_M25_B1_D05_MR
	23063	GM_M25_B1_D06	GM_M25_B1_D06_MF	
	23064	GM_M25_B1_D06		GM_M25_B1_D06_MR
	23065	GM_M25_B1_D07	GM_M25_B1_D07_MF	
	23066	GM_M25_B1_D07		GM_M25_B1_D07_MR
25	23067	GM_M25_B1_D08	GM_M25_B1_D08_MF	
	23068	GM_M25_B1_D08		GM_M25_B1_D08_MR
	23069	GM_M25_B1_D09	GM_M25_B1_D09_MF	
	23070	GM_M25_B1_D09		GM_M25_B1_D09_MR
	23071	GM_M25_B1_D10	GM_M25_B1_D10_MF	
30	23072	GM_M25_B1_D10		GM_M25_B1_D10_MR
	23073	GM_M25_B1_D11	GM_M25_B1_D11_MF	
	23074	GM_M25_B1_D11		GM_M25_B1_D11_MR
	23075	GM_M25_B1_D12	GM_M25_B1_D12_MF	
	23076	GM_M25_B1_E01	GM_M25_B1_E01_MF	
35	23077	GM_M25_B1_E01		GM_M25_B1_E01_MR
	23078	GM_M25_B1_E02	GM_M25_B1_E02_MF	
	23079	GM_M25_B1_E02		GM_M25_B1_E02_MR
	23080	GM_M25_B1_E03	GM_M25_B1_E03_MF	
	23081	GM_M25_B1_E03		GM_M25_B1_E03_MR
40	23082	GM_M25_B1_E04	GM_M25_B1_E04_MF	
	23083	GM_M25_B1_E04		GM_M25_B1_E04_MR
	23084	GM_M25_B1_E05	GM_M25_B1_E05_MF	
	23085	GM_M25_B1_E05		GM_M25_B1_E05_MR
	23086	GM_M25_B1_E06	GM_M25_B1_E06_MF	
45	23087	GM_M25_B1_E07	GM_M25_B1_E07_MF	
	23088	GM_M25_B1_E07		GM_M25_B1_E07_MR
	23089	GM_M25_B1_E08	GM_M25_B1_E08_MF	
	23090	GM_M25_B1_E08		GM_M25_B1_E08_MR
	23091	GM_M25_B1_E09	GM_M25_B1_E09_MF	
50	23092	GM_M25_B1_E09		GM_M25_B1_E09_MR
	23093	GM_M25_B1_E10	GM_M25_B1_E10_MF	
	23094	GM_M25_B1_E10		GM_M25_B1_E10_MR
	23095	GM_M25_B1_E11	GM_M25_B1_E11_MF	
	23096	GM_M25_B1_E11		GM_M25_B1_E11_MR
55	23097	GM_M25_B1_E12	GM_M25_B1_E12_MF	

	23098	GM_M25_B1_E12		GM_M25_B1_E12_MR
	23099	GM_M25_B1_F01	GM_M25_B1_F01_MF	
	23100	GM_M25_B1_F01		GM_M25_B1_F01_MR
	23101	GM_M25_B1_F02	GM_M25_B1_F02_MF	
5	23102	GM_M25_B1_F02		GM_M25_B1_F02_MR
	23103	GM_M25_B1_F03	GM_M25_B1_F03_MF	
	23104	GM_M25_B1_F03		GM_M25_B1_F03_MR
	23105	GM_M25_B1_F04	GM_M25_B1_F04_MF	
	23106	GM_M25_B1_F04		GM_M25_B1_F04_MR
10	23107	GM_M25_B1_F05	GM_M25_B1_F05_MF	
	23108	GM_M25_B1_F05		GM_M25_B1_F05_MR
	23109	GM_M25_B1_F06	GM_M25_B1_F06_MF	
	23110	GM_M25_B1_F06		GM_M25_B1_F06_MR
	23111	GM_M25_B1_F07	GM_M25_B1_F07_MF	
15	23112	GM_M25_B1_F07		GM_M25_B1_F07_MR
	23113	GM_M25_B1_F08	GM_M25_B1_F08_MF	
	23114	GM_M25_B1_F08		GM_M25_B1_F08_MR
	23115	GM_M25_B1_F09	GM_M25_B1_F09_MF	
	23116	GM_M25_B1_F09		GM_M25_B1_F09_MR
20	23117	GM_M25_B1_F10	GM_M25_B1_F10_MF	
	23118	GM_M25_B1_F10		GM_M25_B1_F10_MR
	23119	GM_M25_B1_F11	GM_M25_B1_F11_MF	
	23120	GM_M25_B1_F12	GM_M25_B1_F12_MF	
	23121	GM_M25_B1_F12		GM_M25_B1_F12_MR
25	23122	GM_M25_B1_G01	GM_M25_B1_G01_MF	
	23123	GM_M25_B1_G01		GM_M25_B1_G01_MR
	23124	GM_M25_B1_G02	GM_M25_B1_G02_MF	
	23125	GM_M25_B1_G02		GM_M25_B1_G02_MR
	23126	GM_M25_B1_G03	GM_M25_B1_G03_MF	
30	23127	GM_M25_B1_G03		GM_M25_B1_G03_MR
	23128	GM_M25_B1_G04	GM_M25_B1_G04_MF	
	23129	GM_M25_B1_G04		GM_M25_B1_G04_MR
	23130	GM_M25_B1_G05	GM_M25_B1_G05_MF	
	23131	GM_M25_B1_G05		GM_M25_B1_G05_MR
35	23132	GM_M25_B1_G06	GM_M25_B1_G06_MF	
	23133	GM_M25_B1_G06		GM_M25_B1_G06_MR
	23134	GM_M25_B1_G07	GM_M25_B1_G07_MF	
	23135	GM_M25_B1_G07		GM_M25_B1_G07_MR
	23136	GM_M25_B1_G08	GM_M25_B1_G08_MF	
40	23137	GM_M25_B1_G08		GM_M25_B1_G08_MR
	23138	GM_M25_B1_G09	GM_M25_B1_G09_MF	
	23139	GM_M25_B1_G09		GM_M25_B1_G09_MR
	23140	GM_M25_B1_G10	GM_M25_B1_G10_MF	
	23141	GM_M25_B1_G10		GM_M25_B1_G10_MR
45	23142	GM_M25_B1_G11	GM_M25_B1_G11_MF	
	23143	GM_M25_B1_G11		GM_M25_B1_G11_MR
	23144	GM_M25_B1_G12	GM_M25_B1_G12_MF	
	23145	GM_M25_B1_G12		GM_M25_B1_G12_MR
	23146	GM_M25_B1_H01	GM_M25_B1_H01_MF	
50	23147	GM_M25_B1_H02	GM_M25_B1_H02_MF	
	23148	GM_M25_B1_H02		GM_M25_B1_H02_MR
	23149	GM_M25_B1_H03	GM_M25_B1_H03_MF	
	23150	GM_M25_B1_H03		GM_M25_B1_H03_MR
	23151	GM_M25_B1_H04	GM_M25_B1_H04_MF	
55	23152	GM_M25_B1_H04		GM_M25_B1_H04_MR

	23153	GM_M25_B1_H05	GM_M25_B1_H05_MF	
	23154	GM_M25_B1_H05		GM_M25_B1_H05_MR
	23155	GM_M25_B1_H06	GM_M25_B1_H06_MF	
	23156	GM_M25_B1_H06		GM_M25_B1_H06_MR
5	23157	GM_M25_B1_H07	GM_M25_B1_H07_MF	
	23158	GM_M25_B1_H07		GM_M25_B1_H07_MR
	23159	GM_M25_B1_H08	GM_M25_B1_H08_MF	
	23160	GM_M25_B1_H08		GM_M25_B1_H08_MR
	23161	GM_M25_B1_H09	GM_M25_B1_H09_MF	
10	23162	GM_M25_B1_H09		GM_M25_B1_H09_MR
	23163	GM_M25_B1_H10	GM_M25_B1_H10_MF	
	23164	GM_M25_B1_H10		GM_M25_B1_H10_MR
	23165	GM_M25_B1_H11	GM_M25_B1_H11_MF	
	23166	GM_M25_B1_H11		GM_M25_B1_H11_MR
15	23167	GM_M25_B1_H12	GM_M25_B1_H12_MF	
	23168	GM_M25_B1_H12		GM_M25_B1_H12_MR
	23169	GM_M25_B2_A01	GM_M25_B2_A01_MF	
	23170	GM_M25_B2_A01		GM_M25_B2_A01_MR
	23171	GM_M25_B2_A02	GM_M25_B2_A02_MF	
20	23172	GM_M25_B2_A02		GM_M25_B2_A02_MR
	23173	GM_M25_B2_A03	GM_M25_B2_A03_MF	
	23174	GM_M25_B2_A04	GM_M25_B2_A04_MF	
	23175	GM_M25_B2_A05	GM_M25_B2_A05_MF	
	23176	GM_M25_B2_A06	GM_M25_B2_A06_MF	
25	23177	GM_M25_B2_A06		GM_M25_B2_A06_MR
	23178	GM_M25_B2_A07	GM_M25_B2_A07_MF	
	23179	GM_M25_B2_A07		GM_M25_B2_A07_MR
	23180	GM_M25_B2_A08	GM_M25_B2_A08_MF	
	23181	GM_M25_B2_A10	GM_M25_B2_A10_MF	
30	23182	GM_M25_B2_A10		GM_M25_B2_A10_MR
	23183	GM_M25_B2_A11	GM_M25_B2_A11_MF	
	23184	GM_M25_B2_A11		GM_M25_B2_A11_MR
	23185	GM_M25_B2_A12	GM_M25_B2_A12_MF	
	23186	GM_M25_B2_A12		GM_M25_B2_A12_MR
35	23187	GM_M25_B2_B01	GM_M25_B2_B01_MF	
	23188	GM_M25_B2_B01		GM_M25_B2_B01_MR
	23189	GM_M25_B2_B02	GM_M25_B2_B02_MF	
	23190	GM_M25_B2_B02		GM_M25_B2_B02_MR
	23191	GM_M25_B2_B03	GM_M25_B2_B03_MF	
40	23192	GM_M25_B2_B03		GM_M25_B2_B03_MR
	23193	GM_M25_B2_B04	GM_M25_B2_B04_MF	
	23194	GM_M25_B2_B04		GM_M25_B2_B04_MR
	23195	GM_M25_B2_B05	GM_M25_B2_B05_MF	
	23196	GM_M25_B2_B05		GM_M25_B2_B05_MR
45	23197	GM_M25_B2_B07	GM_M25_B2_B07_MF	
	23198	GM_M25_B2_B07		GM_M25_B2_B07_MR
	23199	GM_M25_B2_B08	GM_M25_B2_B08_MF	
	23200	GM_M25_B2_B08		GM_M25_B2_B08_MR
	23201	GM_M25_B2_B09	GM_M25_B2_B09_MF	
50	23202	GM_M25_B2_B09		GM_M25_B2_B09_MR
	23203	GM_M25_B2_B10	GM_M25_B2_B10_MF	
	23204	GM_M25_B2_B10		GM_M25_B2_B10_MR
	23205	GM_M25_B2_B11	GM_M25_B2_B11_MF	
	23206	GM_M25_B2_B11		GM_M25_B2_B11_MR
55	23207	GM_M25_B2_B12	GM_M25_B2_B12_MF	

	23208	GM_M25_B2_B12		GM_M25_B2_B12_MR
	23209	GM_M25_B2_C01	GM_M25_B2_C01_MF	
	23210	GM_M25_B2_C01		GM_M25_B2_C01_MR
	23211	GM_M25_B2_C02	GM_M25_B2_C02_MF	
5	23212	GM_M25_B2_C02		GM_M25_B2_C02_MR
	23213	GM_M25_B2_C03	GM_M25_B2_C03_MF	
	23214	GM_M25_B2_C03		GM_M25_B2_C03_MR
	23215	GM_M25_B2_C04	GM_M25_B2_C04_MF	
	23216	GM_M25_B2_C04		GM_M25_B2_C04_MR
10	23217	GM_M25_B2_C05	GM_M25_B2_C05_MF	
	23218	GM_M25_B2_C05		GM_M25_B2_C05_MR
	23219	GM_M25_B2_C06	GM_M25_B2_C06_MF	
	23220	GM_M25_B2_C06		GM_M25_B2_C06_MR
	23221	GM_M25_B2_C07	GM_M25_B2_C07_MF	
15	23222	GM_M25_B2_C07		GM_M25_B2_C07_MR
	23223	GM_M25_B2_C08	GM_M25_B2_C08_MF	
	23224	GM_M25_B2_C09	GM_M25_B2_C09_MF	
	23225	GM_M25_B2_C09		GM_M25_B2_C09_MR
	23226	GM_M25_B2_C10	GM_M25_B2_C10_MF	
20	23227	GM_M25_B2_C10		GM_M25_B2_C10_MR
	23228	GM_M25_B2_C11	GM_M25_B2_C11_MF	
	23229	GM_M25_B2_C12	GM_M25_B2_C12_MF	
	23230	GM_M25_B2_C12		GM_M25_B2_C12_MR
	23231	GM_M25_B2_D01	GM_M25_B2_D01_MF	
25	23232	GM_M25_B2_D01		GM_M25_B2_D01_MR
	23233	GM_M25_B2_D02	GM_M25_B2_D02_MF	
	23234	GM_M25_B2_D02		GM_M25_B2_D02_MR
	23235	GM_M25_B2_D03	GM_M25_B2_D03_MF	
	23236	GM_M25_B2_D03		GM_M25_B2_D03_MR
30	23237	GM_M25_B2_D04	GM_M25_B2_D04_MF	
	23238	GM_M25_B2_D04		GM_M25_B2_D04_MR
	23239	GM_M25_B2_D05	GM_M25_B2_D05_MF	
	23240	GM_M25_B2_D05		GM_M25_B2_D05_MR
	23241	GM_M25_B2_D06	GM_M25_B2_D06_MF	
35	23242	GM_M25_B2_D06		GM_M25_B2_D06_MR
	23243	GM_M25_B2_D07	GM_M25_B2_D07_MF	
	23244	GM_M25_B2_D07		GM_M25_B2_D07_MR
	23245	GM_M25_B2_D08	GM_M25_B2_D08_MF	
	23246	GM_M25_B2_D08		GM_M25_B2_D08_MR
40	23247	GM_M25_B2_D09	GM_M25_B2_D09_MF	
	23248	GM_M25_B2_D09		GM_M25_B2_D09_MR
	23249	GM_M25_B2_D10	GM_M25_B2_D10_MF	
	23250	GM_M25_B2_D10		GM_M25_B2_D10_MR
	23251	GM_M25_B2_D11	GM_M25_B2_D11_MF	
45	23252	GM_M25_B2_D11		GM_M25_B2_D11_MR
	23253	GM_M25_B2_D12	GM_M25_B2_D12_MF	
	23254	GM_M25_B2_D12		GM_M25_B2_D12_MR
	23255	GM_M25_B2_E01	GM_M25_B2_E01_MF	
	23256	GM_M25_B2_E01		GM_M25_B2_E01_MR
50	23257	GM_M25_B2_E02	GM_M25_B2_E02_MF	
	23258	GM_M25_B2_E03	GM_M25_B2_E03_MF	
	23259	GM_M25_B2_E04	GM_M25_B2_E04_MF	
	23260	GM_M25_B2_E04		GM_M25_B2_E04_MR
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55	23262	GM_M25_B2_E05		GM_M25_B2_E05_MR

	23263	GM_M25_B2_E06	GM_M25_B2_E06_MF	
	23264	GM_M25_B2_E06		GM_M25_B2_E06_MR
	23265	GM_M25_B2_E07	GM_M25_B2_E07_MF	
	23266	GM_M25_B2_E07		GM_M25_B2_E07_MR
5	23267	GM_M25_B2_E08	GM_M25_B2_E08_MF	
	23268	GM_M25_B2_E08		GM_M25_B2_E08_MR
	23269	GM_M25_B2_E09	GM_M25_B2_E09_MF	
	23270	GM_M25_B2_E10	GM_M25_B2_E10_MF	
	23271	GM_M25_B2_E10		GM_M25_B2_E10_MR
10	23272	GM_M25_B2_E11		GM_M25_B2_E11_MR
	23273	GM_M25_B2_E12	GM_M25_B2_E12_MF	
	23274	GM_M25_B2_E12		GM_M25_B2_E12_MR
	23275	GM_M25_B2_F01	GM_M25_B2_F01_MF	
	23276	GM_M25_B2_F01		GM_M25_B2_F01_MR
15	23277	GM_M25_B2_F02	GM_M25_B2_F02_MF	
	23278	GM_M25_B2_F02		GM_M25_B2_F02_MR
	23279	GM_M25_B2_F03	GM_M25_B2_F03_MF	
	23280	GM_M25_B2_F03		GM_M25_B2_F03_MR
	23281	GM_M25_B2_F04	GM_M25_B2_F04_MF	
20	23282	GM_M25_B2_F04		GM_M25_B2_F04_MR
	23283	GM_M25_B2_F05	GM_M25_B2_F05_MF	
	23284	GM_M25_B2_F05		GM_M25_B2_F05_MR
	23285	GM_M25_B2_F06	GM_M25_B2_F06_MF	
	23286	GM_M25_B2_F07		GM_M25_B2_F07_MR
25	23287	GM_M25_B2_F08	GM_M25_B2_F08_MF	
	23288	GM_M25_B2_F08		GM_M25_B2_F08_MR
	23289	GM_M25_B2_F09	GM_M25_B2_F09_MF	
	23290	GM_M25_B2_F09		GM_M25_B2_F09_MR
	23291	GM_M25_B2_F10	GM_M25_B2_F10_MF	
30	23292	GM_M25_B2_F10		GM_M25_B2_F10_MR
	23293	GM_M25_B2_F11	GM_M25_B2_F11_MF	
	23294	GM_M25_B2_F11		GM_M25_B2_F11_MR
	23295	GM_M25_B2_F12	GM_M25_B2_F12_MF	
	23296	GM_M25_B2_F12		GM_M25_B2_F12_MR
35	23297	GM_M25_B2_G01	GM_M25_B2_G01_MF	
	23298	GM_M25_B2_G01		GM_M25_B2_G01_MR
	23299	GM_M25_B2_G02	GM_M25_B2_G02_MF	
	23300	GM_M25_B2_G02		GM_M25_B2_G02_MR
	23301	GM_M25_B2_G03	GM_M25_B2_G03_MF	
40	23302	GM_M25_B2_G03		GM_M25_B2_G03_MR
	23303	GM_M25_B2_G04	GM_M25_B2_G04_MF	
	23304	GM_M25_B2_G04		GM_M25_B2_G04_MR
	23305	GM_M25_B2_G05	GM_M25_B2_G05_MF	
	23306	GM_M25_B2_G05		GM_M25_B2_G05_MR
45	23307	GM_M25_B2_G06	GM_M25_B2_G06_MF	
	23308	GM_M25_B2_G06		GM_M25_B2_G06_MR
	23309	GM_M25_B2_G07	GM_M25_B2_G07_MF	
	23310	GM_M25_B2_G07		GM_M25_B2_G07_MR
	23311	GM_M25_B2_G08	GM_M25_B2_G08_MF	
50	23312	GM_M25_B2_G08		GM_M25_B2_G08_MR
	23313	GM_M25_B2_G09	GM_M25_B2_G09_MF	
	23314	GM_M25_B2_G09		GM_M25_B2_G09_MR
	23315	GM_M25_B2_G10	GM_M25_B2_G10_MF	
	23316	GM_M25_B2_G10		GM_M25_B2_G10_MR
55	23317	GM_M25_B2_G11	GM_M25_B2_G11_MF	

	23318	GM_M25_B2_G11		GM_M25_B2_G11_MR
	23319	GM_M25_B2_G12	GM_M25_B2_G12_MF	
	23320	GM_M25_B2_G12		GM_M25_B2_G12_MR
	23321	GM_M25_B2_H01	GM_M25_B2_H01_MF	
5	23322	GM_M25_B2_H01		GM_M25_B2_H01_MR
	23323	GM_M25_B2_H03	GM_M25_B2_H03_MF	
	23324	GM_M25_B2_H03		GM_M25_B2_H03_MR
	23325	GM_M25_B2_H04	GM_M25_B2_H04_MF	
	23326	GM_M25_B2_H04		GM_M25_B2_H04_MR
10	23327	GM_M25_B2_H05	GM_M25_B2_H05_MF	
	23328	GM_M25_B2_H05		GM_M25_B2_H05_MR
	23329	GM_M25_B2_H06	GM_M25_B2_H06_MF	
	23330	GM_M25_B2_H06		GM_M25_B2_H06_MR
	23331	GM_M25_B2_H07	GM_M25_B2_H07_MF	
15	23332	GM_M25_B2_H07		GM_M25_B2_H07_MR
	23333	GM_M25_B2_H08	GM_M25_B2_H08_MF	
	23334	GM_M25_B2_H08		GM_M25_B2_H08_MR
	23335	GM_M25_B2_H09	GM_M25_B2_H09_MF	
	23336	GM_M25_B2_H09		GM_M25_B2_H09_MR
20	23337	GM_M25_B2_H10	GM_M25_B2_H10_MF	
	23338	GM_M25_B2_H10		GM_M25_B2_H10_MR
	23339	GM_M25_B2_H11	GM_M25_B2_H11_MF	
	23340	GM_M25_B2_H11		GM_M25_B2_H11_MR
	23341	GM_M25_B2_H12	GM_M25_B2_H12_MF	
25	23342	GM_M25_B2_H12		GM_M25_B2_H12_MR
	23343	GM_M26_A1_A01	GM_M26_A1_A01_MF	
	23344	GM_M26_A1_A01		GM_M26_A1_A01_MR
	23345	GM_M26_A1_A02	GM_M26_A1_A02_MF	
	23346	GM_M26_A1_A03	GM_M26_A1_A03_MF	
30	23347	GM_M26_A1_A03		GM_M26_A1_A03_MR
	23348	GM_M26_A1_A04	GM_M26_A1_A04_MF	
	23349	GM_M26_A1_A04		GM_M26_A1_A04_MR
	23350	GM_M26_A1_A05	GM_M26_A1_A05_MF	
	23351	GM_M26_A1_A05		GM_M26_A1_A05_MR
35	23352	GM_M26_A1_A06		GM_M26_A1_A06_MR
	23353	GM_M26_A1_A07	GM_M26_A1_A07_MF	
	23354	GM_M26_A1_A08	GM_M26_A1_A08_MF	
	23355	GM_M26_A1_A08		GM_M26_A1_A08_MR
	23356	GM_M26_A1_A10	GM_M26_A1_A10_MF	
40	23357	GM_M26_A1_A10		GM_M26_A1_A10_MR
	23358	GM_M26_A1_A11	GM_M26_A1_A11_MF	
	23359	GM_M26_A1_A11		GM_M26_A1_A11_MR
	23360	GM_M26_A1_A12	GM_M26_A1_A12_MF	
	23361	GM_M26_A1_A12		GM_M26_A1_A12_MR
45	23362	GM_M26_A1_B01	GM_M26_A1_B01_MF	
	23363	GM_M26_A1_B01		GM_M26_A1_B01_MR
	23364	GM_M26_A1_B02	GM_M26_A1_B02_MF	
	23365	GM_M26_A1_B02		GM_M26_A1_B02_MR
	23366	GM_M26_A1_B03	GM_M26_A1_B03_MF	
50	23367	GM_M26_A1_B03		GM_M26_A1_B03_MR
	23368	GM_M26_A1_B04	GM_M26_A1_B04_MF	
	23369	GM_M26_A1_B04		GM_M26_A1_B04_MR
	23370	GM_M26_A1_B05	GM_M26_A1_B05_MF	
	23371	GM_M26_A1_B05		GM_M26_A1_B05_MR
55	23372	GM_M26_A1_B06	GM_M26_A1_B06_MF	

	23373	GM_M26_A1_B06		GM_M26_A1_B06_MR
	23374	GM_M26_A1_B07	GM_M26_A1_B07_MF	
	23375	GM_M26_A1_B08	GM_M26_A1_B08_MF	
	23376	GM_M26_A1_B09	GM_M26_A1_B09_MF	
5	23377	GM_M26_A1_B09		GM_M26_A1_B09_MR
	23378	GM_M26_A1_B10	GM_M26_A1_B10_MF	
	23379	GM_M26_A1_B10		GM_M26_A1_B10_MR
	23380	GM_M26_A1_B11	GM_M26_A1_B11_MF	
	23381	GM_M26_A1_B11		GM_M26_A1_B11_MR
10	23382	GM_M26_A1_B12	GM_M26_A1_B12_MF	
	23383	GM_M26_A1_B12		GM_M26_A1_B12_MR
	23384	GM_M26_A1_C01	GM_M26_A1_C01_MF	
	23385	GM_M26_A1_C01		GM_M26_A1_C01_MR
	23386	GM_M26_A1_C02	GM_M26_A1_C02_MF	
15	23387	GM_M26_A1_C02		GM_M26_A1_C02_MR
	23388	GM_M26_A1_C03	GM_M26_A1_C03_MF	
	23389	GM_M26_A1_C03		GM_M26_A1_C03_MR
	23390	GM_M26_A1_C04		GM_M26_A1_C04_MR
	23391	GM_M26_A1_C05	GM_M26_A1_C05_MF	
20	23392	GM_M26_A1_C05		GM_M26_A1_C05_MR
	23393	GM_M26_A1_C06	GM_M26_A1_C06_MF	
	23394	GM_M26_A1_C06		GM_M26_A1_C06_MR
	23395	GM_M26_A1_C07	GM_M26_A1_C07_MF	
	23396	GM_M26_A1_C07		GM_M26_A1_C07_MR
25	23397	GM_M26_A1_C08	GM_M26_A1_C08_MF	
	23398	GM_M26_A1_C08		GM_M26_A1_C08_MR
	23399	GM_M26_A1_C09	GM_M26_A1_C09_MF	
	23400	GM_M26_A1_C09		GM_M26_A1_C09_MR
	23401	GM_M26_A1_C11	GM_M26_A1_C11_MF	
30	23402	GM_M26_A1_C11		GM_M26_A1_C11_MR
	23403	GM_M26_A1_C12	GM_M26_A1_C12_MF	
	23404	GM_M26_A1_C12		GM_M26_A1_C12_MR
	23405	GM_M26_A1_D01	GM_M26_A1_D01_MF	
	23406	GM_M26_A1_D01		GM_M26_A1_D01_MR
35	23407	GM_M26_A1_D02	GM_M26_A1_D02_MF	
	23408	GM_M26_A1_D02		GM_M26_A1_D02_MR
	23409	GM_M26_A1_D03	GM_M26_A1_D03_MF	
	23410	GM_M26_A1_D03		GM_M26_A1_D03_MR
	23411	GM_M26_A1_D04	GM_M26_A1_D04_MF	
40	23412	GM_M26_A1_D04		GM_M26_A1_D04_MR
	23413	GM_M26_A1_D05	GM_M26_A1_D05_MF	
	23414	GM_M26_A1_D05		GM_M26_A1_D05_MR
	23415	GM_M26_A1_D06	GM_M26_A1_D06_MF	
	23416	GM_M26_A1_D06		GM_M26_A1_D06_MR
45	23417	GM_M26_A1_D07		GM_M26_A1_D07_MR
	23418	GM_M26_A1_D08	GM_M26_A1_D08_MF	
	23419	GM_M26_A1_D08		GM_M26_A1_D08_MR
	23420	GM_M26_A1_D09	GM_M26_A1_D09_MF	
	23421	GM_M26_A1_D09		GM_M26_A1_D09_MR
50	23422	GM_M26_A1_D10	GM_M26_A1_D10_MF	
	23423	GM_M26_A1_D10		GM_M26_A1_D10_MR
	23424	GM_M26_A1_D11	GM_M26_A1_D11_MF	
	23425	GM_M26_A1_D11		GM_M26_A1_D11_MR
	23426	GM_M26_A1_D12	GM_M26_A1_D12_MF	
55	23427	GM_M26_A1_D12		GM_M26_A1_D12_MR

	23428	GM_M26_A1_E01	GM_M26_A1_E01_MF	
	23429	GM_M26_A1_E01		GM_M26_A1_E01_MR
	23430	GM_M26_A1_E02	GM_M26_A1_E02_MF	
	23431	GM_M26_A1_E02		GM_M26_A1_E02_MR
5	23432	GM_M26_A1_E03		GM_M26_A1_E03_MR
	23433	GM_M26_A1_E04	GM_M26_A1_E04_MF	
	23434	GM_M26_A1_E04		GM_M26_A1_E04_MR
	23435	GM_M26_A1_E07	GM_M26_A1_E07_MF	
	23436	GM_M26_A1_E07		GM_M26_A1_E07_MR
10	23437	GM_M26_A1_E08	GM_M26_A1_E08_MF	
	23438	GM_M26_A1_E08		GM_M26_A1_E08_MR
	23439	GM_M26_A1_E09	GM_M26_A1_E09_MF	
	23440	GM_M26_A1_E09		GM_M26_A1_E09_MR
	23441	GM_M26_A1_E10	GM_M26_A1_E10_MF	
15	23442	GM_M26_A1_E10		GM_M26_A1_E10_MR
	23443	GM_M26_A1_E11	GM_M26_A1_E11_MF	
	23444	GM_M26_A1_E11		GM_M26_A1_E11_MR
	23445	GM_M26_A1_E12	GM_M26_A1_E12_MF	
	23446	GM_M26_A1_E12		GM_M26_A1_E12_MR
20	23447	GM_M26_A1_F01	GM_M26_A1_F01_MF	
	23448	GM_M26_A1_F01		GM_M26_A1_F01_MR
	23449	GM_M26_A1_F03	GM_M26_A1_F03_MF	
	23450	GM_M26_A1_F03		GM_M26_A1_F03_MR
	23451	GM_M26_A1_F04	GM_M26_A1_F04_MF	
25	23452	GM_M26_A1_F04		GM_M26_A1_F04_MR
	23453	GM_M26_A1_F05	GM_M26_A1_F05_MF	
	23454	GM_M26_A1_F05		GM_M26_A1_F05_MR
	23455	GM_M26_A1_F06		GM_M26_A1_F06_MR
	23456	GM_M26_A1_F07	GM_M26_A1_F07_MF	
30	23457	GM_M26_A1_F07		GM_M26_A1_F07_MR
	23458	GM_M26_A1_F08	GM_M26_A1_F08_MF	
	23459	GM_M26_A1_F08		GM_M26_A1_F08_MR
	23460	GM_M26_A1_F09	GM_M26_A1_F09_MF	
	23461	GM_M26_A1_F09		GM_M26_A1_F09_MR
35	23462	GM_M26_A1_F10	GM_M26_A1_F10_MF	
	23463	GM_M26_A1_F10		GM_M26_A1_F10_MR
	23464	GM_M26_A1_F11	GM_M26_A1_F11_MF	
	23465	GM_M26_A1_F11		GM_M26_A1_F11_MR
	23466	GM_M26_A1_F12	GM_M26_A1_F12_MF	
40	23467	GM_M26_A1_G01	GM_M26_A1_G01_MF	
	23468	GM_M26_A1_G01		GM_M26_A1_G01_MR
	23469	GM_M26_A1_G02	GM_M26_A1_G02_MF	
	23470	GM_M26_A1_G02		GM_M26_A1_G02_MR
	23471	GM_M26_A1_G03	GM_M26_A1_G03_MF	
45	23472	GM_M26_A1_G03		GM_M26_A1_G03_MR
	23473	GM_M26_A1_G04	GM_M26_A1_G04_MF	
	23474	GM_M26_A1_G04		GM_M26_A1_G04_MR
	23475	GM_M26_A1_G05	GM_M26_A1_G05_MF	
	23476	GM_M26_A1_G05		GM_M26_A1_G05_MR
50	23477	GM_M26_A1_G06	GM_M26_A1_G06_MF	
	23478	GM_M26_A1_G06		GM_M26_A1_G06_MR
	23479	GM_M26_A1_G07	GM_M26_A1_G07_MF	
	23480	GM_M26_A1_G07		GM_M26_A1_G07_MR
	23481	GM_M26_A1_G08	GM_M26_A1_G08_MF	
55	23482	GM_M26_A1_G08		GM_M26_A1_G08_MR

	23483	GM_M26_A1_G09	GM_M26_A1_G09_MF	
	23484	GM_M26_A1_G09		GM_M26_A1_G09_MR
	23485	GM_M26_A1_G10	GM_M26_A1_G10_MF	
	23486	GM_M26_A1_G10		GM_M26_A1_G10_MR
5	23487	GM_M26_A1_G11		GM_M26_A1_G11_MR
	23488	GM_M26_A1_G12	GM_M26_A1_G12_MF	
	23489	GM_M26_A1_G12		GM_M26_A1_G12_MR
	23490	GM_M26_A1_H01	GM_M26_A1_H01_MF	
	23491	GM_M26_A1_H01		GM_M26_A1_H01_MR
10	23492	GM_M26_A1_H02	GM_M26_A1_H02_MF	
	23493	GM_M26_A1_H02		GM_M26_A1_H02_MR
	23494	GM_M26_A1_H03	GM_M26_A1_H03_MF	
	23495	GM_M26_A1_H03		GM_M26_A1_H03_MR
	23496	GM_M26_A1_H04	GM_M26_A1_H04_MF	
15	23497	GM_M26_A1_H04		GM_M26_A1_H04_MR
	23498	GM_M26_A1_H05	GM_M26_A1_H05_MF	
	23499	GM_M26_A1_H05		GM_M26_A1_H05_MR
	23500	GM_M26_A1_H06	GM_M26_A1_H06_MF	
	23501	GM_M26_A1_H06		GM_M26_A1_H06_MR
20	23502	GM_M26_A1_H07	GM_M26_A1_H07_MF	
	23503	GM_M26_A1_H07		GM_M26_A1_H07_MR
	23504	GM_M26_A1_H08	GM_M26_A1_H08_MF	
	23505	GM_M26_A1_H08		GM_M26_A1_H08_MR
	23506	GM_M26_A1_H09	GM_M26_A1_H09_MF	
25	23507	GM_M26_A1_H09		GM_M26_A1_H09_MR
	23508	GM_M26_A1_H10	GM_M26_A1_H10_MF	
	23509	GM_M26_A1_H10		GM_M26_A1_H10_MR
	23510	GM_M26_A1_H11	GM_M26_A1_H11_MF	
	23511	GM_M26_A1_H11		GM_M26_A1_H11_MR
30	23512	GM_M26_A1_H12	GM_M26_A1_H12_MF	
	23513	GM_M26_A2_A01		GM_M26_A2_A01_MR
	23514	GM_M26_A2_A02		GM_M26_A2_A02_MR
	23515	GM_M26_A2_A03	GM_M26_A2_A03_MF	
	23516	GM_M26_A2_A03		GM_M26_A2_A03_MR
35	23517	GM_M26_A2_A04	GM_M26_A2_A04_MF	
	23518	GM_M26_A2_A04		GM_M26_A2_A04_MR
	23519	GM_M26_A2_A05	GM_M26_A2_A05_MF	
	23520	GM_M26_A2_A05		GM_M26_A2_A05_MR
	23521	GM_M26_A2_A07	GM_M26_A2_A07_MF	
40	23522	GM_M26_A2_A07		GM_M26_A2_A07_MR
	23523	GM_M26_A2_A08	GM_M26_A2_A08_MF	
	23524	GM_M26_A2_A09	GM_M26_A2_A09_MF	
	23525	GM_M26_A2_A09		GM_M26_A2_A09_MR
	23526	GM_M26_A2_A10	GM_M26_A2_A10_MF	
45	23527	GM_M26_A2_A10		GM_M26_A2_A10_MR
	23528	GM_M26_A2_A11	GM_M26_A2_A11_MF	
	23529	GM_M26_A2_A11		GM_M26_A2_A11_MR
	23530	GM_M26_A2_A12	GM_M26_A2_A12_MF	
	23531	GM_M26_A2_B01	GM_M26_A2_B01_MF	
50	23532	GM_M26_A2_B01		GM_M26_A2_B01_MR
	23533	GM_M26_A2_B02	GM_M26_A2_B02_MF	
	23534	GM_M26_A2_B02		GM_M26_A2_B02_MR
	23535	GM_M26_A2_B03	GM_M26_A2_B03_MF	
	23536	GM_M26_A2_B03		GM_M26_A2_B03_MR
55	23537	GM_M26_A2_B04	GM_M26_A2_B04_MF	

	23538	GM_M26_A2_B04		GM_M26_A2_B04_MR
	23539	GM_M26_A2_B05	GM_M26_A2_B05_MF	
	23540	GM_M26_A2_B05		GM_M26_A2_B05_MR
	23541	GM_M26_A2_B06		GM_M26_A2_B06_MR
5	23542	GM_M26_A2_B07	GM_M26_A2_B07_MF	
	23543	GM_M26_A2_B07		GM_M26_A2_B07_MR
	23544	GM_M26_A2_B08	GM_M26_A2_B08_MF	
	23545	GM_M26_A2_B08		GM_M26_A2_B08_MR
	23546	GM_M26_A2_B09	GM_M26_A2_B09_MF	
10	23547	GM_M26_A2_B09		GM_M26_A2_B09_MR
	23548	GM_M26_A2_B10	GM_M26_A2_B10_MF	
	23549	GM_M26_A2_B10		GM_M26_A2_B10_MR
	23550	GM_M26_A2_B11	GM_M26_A2_B11_MF	
	23551	GM_M26_A2_B11		GM_M26_A2_B11_MR
15	23552	GM_M26_A2_B12	GM_M26_A2_B12_MF	
	23553	GM_M26_A2_B12		GM_M26_A2_B12_MR
	23554	GM_M26_A2_C01		GM_M26_A2_C01_MR
	23555	GM_M26_A2_C02	GM_M26_A2_C02_MF	
	23556	GM_M26_A2_C02		GM_M26_A2_C02_MR
20	23557	GM_M26_A2_C03	GM_M26_A2_C03_MF	
	23558	GM_M26_A2_C03		GM_M26_A2_C03_MR
	23559	GM_M26_A2_C04	GM_M26_A2_C04_MF	
	23560	GM_M26_A2_C04		GM_M26_A2_C04_MR
	23561	GM_M26_A2_C05	GM_M26_A2_C05_MF	
25	23562	GM_M26_A2_C05		GM_M26_A2_C05_MR
	23563	GM_M26_A2_C06	GM_M26_A2_C06_MF	
	23564	GM_M26_A2_C06		GM_M26_A2_C06_MR
	23565	GM_M26_A2_C07	GM_M26_A2_C07_MF	
	23566	GM_M26_A2_C07		GM_M26_A2_C07_MR
30	23567	GM_M26_A2_C09	GM_M26_A2_C09_MF	
	23568	GM_M26_A2_C09		GM_M26_A2_C09_MR
	23569	GM_M26_A2_C12	GM_M26_A2_C12_MF	
	23570	GM_M26_A2_C12		GM_M26_A2_C12_MR
	23571	GM_M26_A2_D01	GM_M26_A2_D01_MF	
35	23572	GM_M26_A2_D01		GM_M26_A2_D01_MR
	23573	GM_M26_A2_D02	GM_M26_A2_D02_MF	
	23574	GM_M26_A2_D02		GM_M26_A2_D02_MR
	23575	GM_M26_A2_D03	GM_M26_A2_D03_MF	
	23576	GM_M26_A2_D03		GM_M26_A2_D03_MR
40	23577	GM_M26_A2_D04	GM_M26_A2_D04_MF	
	23578	GM_M26_A2_D04		GM_M26_A2_D04_MR
	23579	GM_M26_A2_D05	GM_M26_A2_D05_MF	
	23580	GM_M26_A2_D05		GM_M26_A2_D05_MR
	23581	GM_M26_A2_D06	GM_M26_A2_D06_MF	
45	23582	GM_M26_A2_D06		GM_M26_A2_D06_MR
	23583	GM_M26_A2_D07	GM_M26_A2_D07_MF	
	23584	GM_M26_A2_D07		GM_M26_A2_D07_MR
	23585	GM_M26_A2_D08	GM_M26_A2_D08_MF	
	23586	GM_M26_A2_D08		GM_M26_A2_D08_MR
50	23587	GM_M26_A2_D10	GM_M26_A2_D10_MF	
	23588	GM_M26_A2_D10		GM_M26_A2_D10_MR
	23589	GM_M26_A2_D11	GM_M26_A2_D11_MF	
	23590	GM_M26_A2_D11		GM_M26_A2_D11_MR
	23591	GM_M26_A2_D12	GM_M26_A2_D12_MF	
55	23592	GM_M26_A2_D12		GM_M26_A2_D12_MR

	23593	GM_M26_A2_E01	GM_M26_A2_E01_MF	
	23594	GM_M26_A2_E01		GM_M26_A2_E01_MR
	23595	GM_M26_A2_E02	GM_M26_A2_E02_MF	
	23596	GM_M26_A2_E02		GM_M26_A2_E02_MR
5	23597	GM_M26_A2_E03	GM_M26_A2_E03_MF	
	23598	GM_M26_A2_E03		GM_M26_A2_E03_MR
	23599	GM_M26_A2_E05	GM_M26_A2_E05_MF	
	23600	GM_M26_A2_E05		GM_M26_A2_E05_MR
	23601	GM_M26_A2_E07	GM_M26_A2_E07_MF	
10	23602	GM_M26_A2_E07		GM_M26_A2_E07_MR
	23603	GM_M26_A2_E09	GM_M26_A2_E09_MF	
	23604	GM_M26_A2_E10		GM_M26_A2_E10_MR
	23605	GM_M26_A2_F01	GM_M26_A2_F01_MF	
	23606	GM_M26_A2_F01		GM_M26_A2_F01_MR
15	23607	GM_M26_A2_F02	GM_M26_A2_F02_MF	
	23608	GM_M26_A2_F02		GM_M26_A2_F02_MR
	23609	GM_M26_A2_F03	GM_M26_A2_F03_MF	
	23610	GM_M26_A2_F03		GM_M26_A2_F03_MR
	23611	GM_M26_A2_F04	GM_M26_A2_F04_MF	
20	23612	GM_M26_A2_F04		GM_M26_A2_F04_MR
	23613	GM_M26_A2_F05	GM_M26_A2_F05_MF	
	23614	GM_M26_A2_F05		GM_M26_A2_F05_MR
	23615	GM_M26_A2_F06	GM_M26_A2_F06_MF	
	23616	GM_M26_A2_F06		GM_M26_A2_F06_MR
25	23617	GM_M26_A2_F07	GM_M26_A2_F07_MF	
	23618	GM_M26_A2_F07		GM_M26_A2_F07_MR
	23619	GM_M26_A2_F08	GM_M26_A2_F08_MF	
	23620	GM_M26_A2_F08		GM_M26_A2_F08_MR
	23621	GM_M26_A2_F09	GM_M26_A2_F09_MF	
30	23622	GM_M26_A2_F09		GM_M26_A2_F09_MR
	23623	GM_M26_A2_F11	GM_M26_A2_F11_MF	
	23624	GM_M26_A2_F11		GM_M26_A2_F11_MR
	23625	GM_M26_A2_F12	GM_M26_A2_F12_MF	
	23626	GM_M26_A2_F12		GM_M26_A2_F12_MR
35	23627	GM_M26_A2_G01	GM_M26_A2_G01_MF	
	23628	GM_M26_A2_G01		GM_M26_A2_G01_MR
	23629	GM_M26_A2_G02	GM_M26_A2_G02_MF	
	23630	GM_M26_A2_G02		GM_M26_A2_G02_MR
	23631	GM_M26_A2_G03	GM_M26_A2_G03_MF	
40	23632	GM_M26_A2_G03		GM_M26_A2_G03_MR
	23633	GM_M26_A2_G04	GM_M26_A2_G04_MF	
	23634	GM_M26_A2_G04		GM_M26_A2_G04_MR
	23635	GM_M26_A2_G05		GM_M26_A2_G05_MR
	23636	GM_M26_A2_G06	GM_M26_A2_G06_MF	
45	23637	GM_M26_A2_G06		GM_M26_A2_G06_MR
	23638	GM_M26_A2_G07	GM_M26_A2_G07_MF	
	23639	GM_M26_A2_G07		GM_M26_A2_G07_MR
	23640	GM_M26_A2_G08	GM_M26_A2_G08_MF	
	23641	GM_M26_A2_G08		GM_M26_A2_G08_MR
50	23642	GM_M26_A2_G09	GM_M26_A2_G09_MF	
	23643	GM_M26_A2_G10	GM_M26_A2_G10_MF	
	23644	GM_M26_A2_G10		GM_M26_A2_G10_MR
	23645	GM_M26_A2_G11	GM_M26_A2_G11_MF	
	23646	GM_M26_A2_G11		GM_M26_A2_G11_MR
55	23647	GM_M26_A2_G12	GM_M26_A2_G12_MF	

	23648	GM_M26_A2_G12		GM_M26_A2_G12_MR
	23649	GM_M26_A2_H01	GM_M26_A2_H01_MF	
	23650	GM_M26_A2_H01		GM_M26_A2_H01_MR
	23651	GM_M26_A2_H02	GM_M26_A2_H02_MF	
5	23652	GM_M26_A2_H02		GM_M26_A2_H02_MR
	23653	GM_M26_A2_H03	GM_M26_A2_H03_MF	
	23654	GM_M26_A2_H03		GM_M26_A2_H03_MR
	23655	GM_M26_A2_H04	GM_M26_A2_H04_MF	
	23656	GM_M26_A2_H04		GM_M26_A2_H04_MR
10	23657	GM_M26_A2_H05	GM_M26_A2_H05_MF	
	23658	GM_M26_A2_H05		GM_M26_A2_H05_MR
	23659	GM_M26_A2_H07	GM_M26_A2_H07_MF	
	23660	GM_M26_A2_H07		GM_M26_A2_H07_MR
	23661	GM_M26_A2_H08	GM_M26_A2_H08_MF	
15	23662	GM_M26_A2_H08		GM_M26_A2_H08_MR
	23663	GM_M26_A2_H09	GM_M26_A2_H09_MF	
	23664	GM_M26_A2_H09		GM_M26_A2_H09_MR
	23665	GM_M26_A2_H10	GM_M26_A2_H10_MF	
	23666	GM_M26_A2_H10		GM_M26_A2_H10_MR
20	23667	GM_M26_A2_H11	GM_M26_A2_H11_MF	
	23668	GM_M26_A2_H11		GM_M26_A2_H11_MR
	23669	GM_M26_A2_H12	GM_M26_A2_H12_MF	
	23670	GM_M26_A2_H12		GM_M26_A2_H12_MR
25	23671	GM_M26_B2_A01		GM_M26_B2_A01_MR
	23672	GM_M26_B2_A02		GM_M26_B2_A02_MR
	23673	GM_M26_B2_A03		GM_M26_B2_A03_MR
	23674	GM_M26_B2_A04		GM_M26_B2_A04_MR
	23675	GM_M26_B2_A06		GM_M26_B2_A06_MR
	23676	GM_M26_B2_A07		GM_M26_B2_A07_MR
30	23677	GM_M26_B2_A08		GM_M26_B2_A08_MR
	23678	GM_M26_B2_A09		GM_M26_B2_A09_MR
	23679	GM_M26_B2_A10		GM_M26_B2_A10_MR
	23680	GM_M26_B2_A11		GM_M26_B2_A11_MR
	23681	GM_M26_B2_A12		GM_M26_B2_A12_MR
35	23682	GM_M26_B2_B02		GM_M26_B2_B02_MR
	23683	GM_M26_B2_B03		GM_M26_B2_B03_MR
	23684	GM_M26_B2_B04		GM_M26_B2_B04_MR
	23685	GM_M26_B2_B05		GM_M26_B2_B05_MR
	23686	GM_M26_B2_B06		GM_M26_B2_B06_MR
40	23687	GM_M26_B2_B07		GM_M26_B2_B07_MR
	23688	GM_M26_B2_B08		GM_M26_B2_B08_MR
	23689	GM_M26_B2_B09		GM_M26_B2_B09_MR
	23690	GM_M26_B2_B10		GM_M26_B2_B10_MR
	23691	GM_M26_B2_B11		GM_M26_B2_B11_MR
45	23692	GM_M26_B2_B12		GM_M26_B2_B12_MR
	23693	GM_M26_B2_C01		GM_M26_B2_C01_MR
	23694	GM_M26_B2_C02		GM_M26_B2_C02_MR
	23695	GM_M26_B2_C03		GM_M26_B2_C03_MR
	23696	GM_M26_B2_C04		GM_M26_B2_C04_MR
50	23697	GM_M26_B2_C05		GM_M26_B2_C05_MR
	23698	GM_M26_B2_C06		GM_M26_B2_C06_MR
	23699	GM_M26_B2_C07		GM_M26_B2_C07_MR
	23700	GM_M26_B2_C08		GM_M26_B2_C08_MR
	23701	GM_M26_B2_C09		GM_M26_B2_C09_MR
55	23702	GM_M26_B2_C10		GM_M26_B2_C10_MR

	23703	GM_M26_B2_C11	GM_M26_B2_C11_MR
	23704	GM_M26_B2_D02	GM_M26_B2_D02_MR
	23705	GM_M26_B2_D03	GM_M26_B2_D03_MR
	23706	GM_M26_B2_D04	GM_M26_B2_D04_MR
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	23708	GM_M26_B2_D06	GM_M26_B2_D06_MR
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	23713	GM_M26_B2_D11	GM_M26_B2_D11_MR
	23714	GM_M26_B2_D12	GM_M26_B2_D12_MR
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	23716	GM_M26_B2_E02	GM_M26_B2_E02_MR
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	23735	GM_M26_B2_F09	GM_M26_B2_F09_MR
	23736	GM_M26_B2_F10	GM_M26_B2_F10_MR
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	23751	GM_M26_B2_H02	GM_M26_B2_H02_MR
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	23753	GM_M26_B2_H04	GM_M26_B2_H04_MR
	23754	GM_M26_B2_H05	GM_M26_B2_H05_MR
	23755	GM_M26_B2_H06	GM_M26_B2_H06_MR
	23756	GM_M26_B2_H08	GM_M26_B2_H08_MR
55	23757	GM_M26_B2_H09	GM_M26_B2_H09_MR

	23758	GM_M26_B2_H10		GM_M26_B2_H10_MR
	23759	GM_M26_B2_H11		GM_M26_B2_H11_MR
	23760	GM_M26_B2_H12		GM_M26_B2_H12_MR
	23761	GM_M27_A1_A01	GM_M27_A1_A01_MF	
5	23762	GM_M27_A1_A01		GM_M27_A1_A01_MR
	23763	GM_M27_A1_A02	GM_M27_A1_A02_MF	
	23764	GM_M27_A1_A02		GM_M27_A1_A02_MR
	23765	GM_M27_A1_A03	GM_M27_A1_A03_MF	
	23766	GM_M27_A1_A03		GM_M27_A1_A03_MR
10	23767	GM_M27_A1_A04	GM_M27_A1_A04_MF	
	23768	GM_M27_A1_A04		GM_M27_A1_A04_MR
	23769	GM_M27_A1_A05	GM_M27_A1_A05_MF	
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	23771	GM_M27_A1_A06	GM_M27_A1_A06_MF	
15	23772	GM_M27_A1_A06		GM_M27_A1_A06_MR
	23773	GM_M27_A1_A07	GM_M27_A1_A07_MF	
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20	23777	GM_M27_A1_A09	GM_M27_A1_A09_MF	
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	23781	GM_M27_A1_A11	GM_M27_A1_A11_MF	
25	23782	GM_M27_A1_A11		GM_M27_A1_A11_MR
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	23785	GM_M27_A1_B01	GM_M27_A1_B01_MF	
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	23789	GM_M27_A1_B03	GM_M27_A1_B03_MF	
	23790	GM_M27_A1_B03		GM_M27_A1_B03_MR
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	23794	GM_M27_A1_B05		GM_M27_A1_B05_MR
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45	23802	GM_M27_A1_B10		GM_M27_A1_B10_MR
	23803	GM_M27_A1_B11	GM_M27_A1_B11_MF	
	23804	GM_M27_A1_B11		GM_M27_A1_B11_MR
	23805	GM_M27_A1_B12	GM_M27_A1_B12_MF	
	23806	GM_M27_A1_B12		GM_M27_A1_B12_MR
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	23809	GM_M27_A1_C02	GM_M27_A1_C02_MF	
	23810	GM_M27_A1_C02		GM_M27_A1_C02_MR
	23811	GM_M27_A1_C03	GM_M27_A1_C03_MF	
55	23812	GM_M27_A1_C03		GM_M27_A1_C03_MR

	23813	GM_M27_A1_C04	GM_M27_A1_C04_MF	
	23814	GM_M27_A1_C04		GM_M27_A1_C04_MR
	23815	GM_M27_A1_C05	GM_M27_A1_C05_MF	
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	23819	GM_M27_A1_C07	GM_M27_A1_C07_MF	
	23820	GM_M27_A1_C07		GM_M27_A1_C07_MR
	23821	GM_M27_A1_C08	GM_M27_A1_C08_MF	
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	23823	GM_M27_A1_C09	GM_M27_A1_C09_MF	
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	23825	GM_M27_A1_C10	GM_M27_A1_C10_MF	
	23826	GM_M27_A1_C10		GM_M27_A1_C10_MR
15	23827	GM_M27_A1_C11	GM_M27_A1_C11_MF	
	23828	GM_M27_A1_C11		GM_M27_A1_C11_MR
	23829	GM_M27_A1_C12	GM_M27_A1_C12_MF	
	23830	GM_M27_A1_C12		GM_M27_A1_C12_MR
	23831	GM_M27_A1_D01	GM_M27_A1_D01_MF	
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	23833	GM_M27_A1_D02	GM_M27_A1_D02_MF	
	23834	GM_M27_A1_D02		GM_M27_A1_D02_MR
	23835	GM_M27_A1_D03	GM_M27_A1_D03_MF	
	23836	GM_M27_A1_D03		GM_M27_A1_D03_MR
25	23837	GM_M27_A1_D04	GM_M27_A1_D04_MF	
	23838	GM_M27_A1_D04		GM_M27_A1_D04_MR
	23839	GM_M27_A1_D05	GM_M27_A1_D05_MF	
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	23841	GM_M27_A1_D06	GM_M27_A1_D06_MF	
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	23843	GM_M27_A1_D07	GM_M27_A1_D07_MF	
	23844	GM_M27_A1_D07		GM_M27_A1_D07_MR
	23845	GM_M27_A1_D08	GM_M27_A1_D08_MF	
	23846	GM_M27_A1_D08		GM_M27_A1_D08_MR
35	23847	GM_M27_A1_D09	GM_M27_A1_D09_MF	
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	23849	GM_M27_A1_D10	GM_M27_A1_D10_MF	
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	23851	GM_M27_A1_D11	GM_M27_A1_D11_MF	
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	23853	GM_M27_A1_D12	GM_M27_A1_D12_MF	
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45	23857	GM_M27_A1_E02	GM_M27_A1_E02_MF	
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	23865	GM_M27_A1_E06	GM_M27_A1_E06_MF	
	23866	GM_M27_A1_E06		GM_M27_A1_E06_MR
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	23868	GM_M27_A1_E07		GM_M27_A1_E07_MR
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	23880	GM_M27_A1_F02	GM_M27_A1_F02_MF	
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25	23892	GM_M27_A1_F08	GM_M27_A1_F08_MF	
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	23894	GM_M27_A1_F09	GM_M27_A1_F09_MF	
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	23900	GM_M27_A1_F12	GM_M27_A1_F12_MF	
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	23905	GM_M27_A1_G02		GM_M27_A1_G02_MR
	23906	GM_M27_A1_G03	GM_M27_A1_G03_MF	
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	23908	GM_M27_A1_G04	GM_M27_A1_G04_MF	
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	23914	GM_M27_A1_G07	GM_M27_A1_G07_MF	
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	23916	GM_M27_A1_G08	GM_M27_A1_G08_MF	
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	23918	GM_M27_A1_G09	GM_M27_A1_G09_MF	
	23919	GM_M27_A1_G09		GM_M27_A1_G09_MR
	23920	GM_M27_A1_G10	GM_M27_A1_G10_MF	
	23921	GM_M27_A1_G10		GM_M27_A1_G10_MR
55	23922	GM_M27_A1_G11	GM_M27_A1_G11_MF	

	23923	GM_M27_A1_G11		GM_M27_A1_G11_MR
	23924	GM_M27_A1_G12	GM_M27_A1_G12_MF	
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	23926	GM_M27_A1_H01	GM_M27_A1_H01_MF	
5	23927	GM_M27_A1_H01		GM_M27_A1_H01_MR
	23928	GM_M27_A1_H02	GM_M27_A1_H02_MF	
	23929	GM_M27_A1_H02		GM_M27_A1_H02_MR
	23930	GM_M27_A1_H03	GM_M27_A1_H03_MF	
	23931	GM_M27_A1_H03		GM_M27_A1_H03_MR
10	23932	GM_M27_A1_H04	GM_M27_A1_H04_MF	
	23933	GM_M27_A1_H04		GM_M27_A1_H04_MR
	23934	GM_M27_A1_H05	GM_M27_A1_H05_MF	
	23935	GM_M27_A1_H05		GM_M27_A1_H05_MR
	23936	GM_M27_A1_H06	GM_M27_A1_H06_MF	
15	23937	GM_M27_A1_H06		GM_M27_A1_H06_MR
	23938	GM_M27_A1_H07	GM_M27_A1_H07_MF	
	23939	GM_M27_A1_H07		GM_M27_A1_H07_MR
	23940	GM_M27_A1_H08	GM_M27_A1_H08_MF	
	23941	GM_M27_A1_H08		GM_M27_A1_H08_MR
20	23942	GM_M27_A1_H09	GM_M27_A1_H09_MF	
	23943	GM_M27_A1_H09		GM_M27_A1_H09_MR
	23944	GM_M27_A1_H10	GM_M27_A1_H10_MF	
	23945	GM_M27_A1_H10		GM_M27_A1_H10_MR
	23946	GM_M27_A1_H12	GM_M27_A1_H12_MF	
25	23947	GM_M27_A1_H12		GM_M27_A1_H12_MR
	23948	GM_M27_A2_A02		GM_M27_A2_A02_MR
	23949	GM_M27_A2_A03		GM_M27_A2_A03_MR
	23950	GM_M27_A2_A04		GM_M27_A2_A04_MR
	23951	GM_M27_A2_A05		GM_M27_A2_A05_MR
30	23952	GM_M27_A2_A06		GM_M27_A2_A06_MR
	23953	GM_M27_A2_A07		GM_M27_A2_A07_MR
	23954	GM_M27_A2_A09		GM_M27_A2_A09_MR
	23955	GM_M27_A2_B01		GM_M27_A2_B01_MR
	23956	GM_M27_A2_B02		GM_M27_A2_B02_MR
35	23957	GM_M27_A2_B04		GM_M27_A2_B04_MR
	23958	GM_M27_A2_B05		GM_M27_A2_B05_MR
	23959	GM_M27_A2_B06		GM_M27_A2_B06_MR
	23960	GM_M27_A2_B07		GM_M27_A2_B07_MR
	23961	GM_M27_A2_B08		GM_M27_A2_B08_MR
40	23962	GM_M27_A2_B10		GM_M27_A2_B10_MR
	23963	GM_M27_A2_B11		GM_M27_A2_B11_MR
	23964	GM_M27_A2_B12		GM_M27_A2_B12_MR
	23965	GM_M27_A2_C01		GM_M27_A2_C01_MR
	23966	GM_M27_A2_C02		GM_M27_A2_C02_MR
45	23967	GM_M27_A2_C03		GM_M27_A2_C03_MR
	23968	GM_M27_A2_C04		GM_M27_A2_C04_MR
	23969	GM_M27_A2_C05		GM_M27_A2_C05_MR
	23970	GM_M27_A2_C06		GM_M27_A2_C06_MR
	23971	GM_M27_A2_C07		GM_M27_A2_C07_MR
50	23972	GM_M27_A2_C08		GM_M27_A2_C08_MR
	23973	GM_M27_A2_C09		GM_M27_A2_C09_MR
	23974	GM_M27_A2_C10		GM_M27_A2_C10_MR
	23975	GM_M27_A2_C11		GM_M27_A2_C11_MR
	23976	GM_M27_A2_D01		GM_M27_A2_D01_MR
55	23977	GM_M27_A2_D02		GM_M27_A2_D02_MR

	23978	GM_M27_A2_D03	GM_M27_A2_D03_MR
	23979	GM_M27_A2_D04	GM_M27_A2_D04_MR
	23980	GM_M27_A2_D05	GM_M27_A2_D05_MR
	23981	GM_M27_A2_D06	GM_M27_A2_D06_MR
5	23982	GM_M27_A2_D07	GM_M27_A2_D07_MR
	23983	GM_M27_A2_D08	GM_M27_A2_D08_MR
	23984	GM_M27_A2_D09	GM_M27_A2_D09_MR
	23985	GM_M27_A2_D10	GM_M27_A2_D10_MR
	23986	GM_M27_A2_D11	GM_M27_A2_D11_MR
10	23987	GM_M27_A2_D12	GM_M27_A2_D12_MR
	23988	GM_M27_A2_E04	GM_M27_A2_E04_MR
	23989	GM_M27_A2_E05	GM_M27_A2_E05_MR
	23990	GM_M27_A2_E07	GM_M27_A2_E07_MR
	23991	GM_M27_A2_E08	GM_M27_A2_E08_MR
15	23992	GM_M27_A2_E10	GM_M27_A2_E10_MR
	23993	GM_M27_A2_E11	GM_M27_A2_E11_MR
	23994	GM_M27_A2_E12	GM_M27_A2_E12_MR
	23995	GM_M27_A2_F01	GM_M27_A2_F01_MR
	23996	GM_M27_A2_F02	GM_M27_A2_F02_MR
20	23997	GM_M27_A2_F03	GM_M27_A2_F03_MR
	23998	GM_M27_A2_F04	GM_M27_A2_F04_MR
	23999	GM_M27_A2_F05	GM_M27_A2_F05_MR
	24000	GM_M27_A2_F06	GM_M27_A2_F06_MR
	24001	GM_M27_A2_F07	GM_M27_A2_F07_MR
25	24002	GM_M27_A2_F08	GM_M27_A2_F08_MR
	24003	GM_M27_A2_F10	GM_M27_A2_F10_MR
	24004	GM_M27_A2_F12	GM_M27_A2_F12_MR
	24005	GM_M27_A2_G01	GM_M27_A2_G01_MR
	24006	GM_M27_A2_G02	GM_M27_A2_G02_MR
30	24007	GM_M27_A2_G03	GM_M27_A2_G03_MR
	24008	GM_M27_A2_G04	GM_M27_A2_G04_MR
	24009	GM_M27_A2_G05	GM_M27_A2_G05_MR
	24010	GM_M27_A2_G06	GM_M27_A2_G06_MR
	24011	GM_M27_A2_G07	GM_M27_A2_G07_MR
35	24012	GM_M27_A2_G08	GM_M27_A2_G08_MR
	24013	GM_M27_A2_G09	GM_M27_A2_G09_MR
	24014	GM_M27_A2_G10	GM_M27_A2_G10_MR
	24015	GM_M27_A2_G11	GM_M27_A2_G11_MR
	24016	GM_M27_A2_G12	GM_M27_A2_G12_MR
40	24017	GM_M27_A2_H01	GM_M27_A2_H01_MR
	24018	GM_M27_A2_H02	GM_M27_A2_H02_MR
	24019	GM_M27_A2_H04	GM_M27_A2_H04_MR
	24020	GM_M27_A2_H05	GM_M27_A2_H05_MR
	24021	GM_M27_A2_H06	GM_M27_A2_H06_MR
45	24022	GM_M27_A2_H07	GM_M27_A2_H07_MR
	24023	GM_M27_A2_H08	GM_M27_A2_H08_MR
	24024	GM_M27_A2_H10	GM_M27_A2_H10_MR
	24025	GM_M27_A2_H11	GM_M27_A2_H11_MR
	24026	GM_M27_A2_H12	GM_M27_A2_H12_MR
50	24027	GM_M27_B2_A01	GM_M27_B2_A01_MF
	24028	GM_M27_B2_A02	GM_M27_B2_A02_MF
	24029	GM_M27_B2_A03	GM_M27_B2_A03_MF
	24030	GM_M27_B2_A05	GM_M27_B2_A05_MF
	24031	GM_M27_B2_A06	GM_M27_B2_A06_MF
55	24032	GM_M27_B2_A07	GM_M27_B2_A07_MF

	24033	GM_M27_B2_A08	GM_M27_B2_A08_MF
	24034	GM_M27_B2_A09	GM_M27_B2_A09_MF
	24035	GM_M27_B2_A10	GM_M27_B2_A10_MF
	24036	GM_M27_B2_A11	GM_M27_B2_A11_MF
5	24037	GM_M27_B2_A12	GM_M27_B2_A12_MF
	24038	GM_M27_B2_B01	GM_M27_B2_B01_MF
	24039	GM_M27_B2_B02	GM_M27_B2_B02_MF
	24040	GM_M27_B2_B03	GM_M27_B2_B03_MF
	24041	GM_M27_B2_B04	GM_M27_B2_B04_MF
10	24042	GM_M27_B2_B05	GM_M27_B2_B05_MF
	24043	GM_M27_B2_B06	GM_M27_B2_B06_MF
	24044	GM_M27_B2_B07	GM_M27_B2_B07_MF
	24045	GM_M27_B2_B08	GM_M27_B2_B08_MF
	24046	GM_M27_B2_B09	GM_M27_B2_B09_MF
15	24047	GM_M27_B2_B10	GM_M27_B2_B10_MF
	24048	GM_M27_B2_B11	GM_M27_B2_B11_MF
	24049	GM_M27_B2_B12	GM_M27_B2_B12_MF
	24050	GM_M27_B2_C01	GM_M27_B2_C01_MF
	24051	GM_M27_B2_C02	GM_M27_B2_C02_MF
20	24052	GM_M27_B2_C03	GM_M27_B2_C03_MF
	24053	GM_M27_B2_C04	GM_M27_B2_C04_MF
	24054	GM_M27_B2_C05	GM_M27_B2_C05_MF
	24055	GM_M27_B2_C06	GM_M27_B2_C06_MF
	24056	GM_M27_B2_C07	GM_M27_B2_C07_MF
25	24057	GM_M27_B2_C08	GM_M27_B2_C08_MF
	24058	GM_M27_B2_C09	GM_M27_B2_C09_MF
	24059	GM_M27_B2_C10	GM_M27_B2_C10_MF
	24060	GM_M27_B2_C11	GM_M27_B2_C11_MF
	24061	GM_M27_B2_C12	GM_M27_B2_C12_MF
30	24062	GM_M27_B2_D01	GM_M27_B2_D01_MF
	24063	GM_M27_B2_D02	GM_M27_B2_D02_MF
	24064	GM_M27_B2_D04	GM_M27_B2_D04_MF
	24065	GM_M27_B2_D05	GM_M27_B2_D05_MF
	24066	GM_M27_B2_D06	GM_M27_B2_D06_MF
35	24067	GM_M27_B2_D07	GM_M27_B2_D07_MF
	24068	GM_M27_B2_D08	GM_M27_B2_D08_MF
	24069	GM_M27_B2_D09	GM_M27_B2_D09_MF
	24070	GM_M27_B2_D10	GM_M27_B2_D10_MF
	24071	GM_M27_B2_D11	GM_M27_B2_D11_MF
40	24072	GM_M27_B2_D12	GM_M27_B2_D12_MF
	24073	GM_M27_B2_E01	GM_M27_B2_E01_MF
	24074	GM_M27_B2_E02	GM_M27_B2_E02_MF
	24075	GM_M27_B2_E03	GM_M27_B2_E03_MF
	24076	GM_M27_B2_E04	GM_M27_B2_E04_MF
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	24078	GM_M27_B2_E06	GM_M27_B2_E06_MF
	24079	GM_M27_B2_E07	GM_M27_B2_E07_MF
	24080	GM_M27_B2_E08	GM_M27_B2_E08_MF
	24081	GM_M27_B2_E09	GM_M27_B2_E09_MF
50	24082	GM_M27_B2_E10	GM_M27_B2_E10_MF
	24083	GM_M27_B2_E11	GM_M27_B2_E11_MF
	24084	GM_M27_B2_E12	GM_M27_B2_E12_MF
	24085	GM_M27_B2_F01	GM_M27_B2_F01_MF
	24086	GM_M27_B2_F02	GM_M27_B2_F02_MF
55	24087	GM_M27_B2_F03	GM_M27_B2_F03_MF

	24088	GM_M27_B2_F04	GM_M27_B2_F04_MF	
	24089	GM_M27_B2_F05	GM_M27_B2_F05_MF	
	24090	GM_M27_B2_F06	GM_M27_B2_F06_MF	
	24091	GM_M27_B2_F07	GM_M27_B2_F07_MF	
5	24092	GM_M27_B2_F08	GM_M27_B2_F08_MF	
	24093	GM_M27_B2_F09	GM_M27_B2_F09_MF	
	24094	GM_M27_B2_F10	GM_M27_B2_F10_MF	
	24095	GM_M27_B2_F11	GM_M27_B2_F11_MF	
	24096	GM_M27_B2_F12	GM_M27_B2_F12_MF	
10	24097	GM_M27_B2_G01	GM_M27_B2_G01_MF	
	24098	GM_M27_B2_G02	GM_M27_B2_G02_MF	
	24099	GM_M27_B2_G03	GM_M27_B2_G03_MF	
	24100	GM_M27_B2_G04	GM_M27_B2_G04_MF	
	24101	GM_M27_B2_G05	GM_M27_B2_G05_MF	
15	24102	GM_M27_B2_G06	GM_M27_B2_G06_MF	
	24103	GM_M27_B2_G07	GM_M27_B2_G07_MF	
	24104	GM_M27_B2_G08	GM_M27_B2_G08_MF	
	24105	GM_M27_B2_G09	GM_M27_B2_G09_MF	
	24106	GM_M27_B2_G10	GM_M27_B2_G10_MF	
20	24107	GM_M27_B2_G11	GM_M27_B2_G11_MF	
	24108	GM_M27_B2_G12	GM_M27_B2_G12_MF	
	24109	GM_M27_B2_H01	GM_M27_B2_H01_MF	
	24110	GM_M27_B2_H02	GM_M27_B2_H02_MF	
	24111	GM_M27_B2_H03	GM_M27_B2_H03_MF	
25	24112	GM_M27_B2_H04	GM_M27_B2_H04_MF	
	24113	GM_M27_B2_H05	GM_M27_B2_H05_MF	
	24114	GM_M27_B2_H06	GM_M27_B2_H06_MF	
	24115	GM_M27_B2_H07	GM_M27_B2_H07_MF	
	24116	GM_M27_B2_H08	GM_M27_B2_H08_MF	
30	24117	GM_M27_B2_H09	GM_M27_B2_H09_MF	
	24118	GM_M27_B2_H10	GM_M27_B2_H10_MF	
	24119	GM_M27_B2_H11	GM_M27_B2_H11_MF	
	24120	GM_M27_B2_H12	GM_M27_B2_H12_MF	
	24121	GM_M28_A1_A01	GM_M28_A1_A01_MF	
35	24122	GM_M28_A1_A01		GM_M28_A1_A01_MR
	24123	GM_M28_A1_A02	GM_M28_A1_A02_MF	
	24124	GM_M28_A1_A02		GM_M28_A1_A02_MR
	24125	GM_M28_A1_A03	GM_M28_A1_A03_MF	
	24126	GM_M28_A1_A03		GM_M28_A1_A03_MR
40	24127	GM_M28_A1_A04		GM_M28_A1_A04_MR
	24128	GM_M28_A1_A05	GM_M28_A1_A05_MF	
	24129	GM_M28_A1_A05		GM_M28_A1_A05_MR
	24130	GM_M28_A1_A06	GM_M28_A1_A06_MF	
	24131	GM_M28_A1_A06		GM_M28_A1_A06_MR
45	24132	GM_M28_A1_A07	GM_M28_A1_A07_MF	
	24133	GM_M28_A1_A07		GM_M28_A1_A07_MR
	24134	GM_M28_A1_A08	GM_M28_A1_A08_MF	
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	24136	GM_M28_A1_A09	GM_M28_A1_A09_MF	
50	24137	GM_M28_A1_A09		GM_M28_A1_A09_MR
	24138	GM_M28_A1_A11	GM_M28_A1_A11_MF	
	24139	GM_M28_A1_A11		GM_M28_A1_A11_MR
	24140	GM_M28_A1_A12	GM_M28_A1_A12_MF	
	24141	GM_M28_A1_A12		GM_M28_A1_A12_MR
55	24142	GM_M28_A1_B01	GM_M28_A1_B01_MF	

	24143	GM_M28_A1_B02	GM_M28_A1_B02_MF	
	24144	GM_M28_A1_B02		GM_M28_A1_B02_MR
	24145	GM_M28_A1_B03		GM_M28_A1_B03_MR
	24146	GM_M28_A1_B04	GM_M28_A1_B04_MF	
5	24147	GM_M28_A1_B04		GM_M28_A1_B04_MR
	24148	GM_M28_A1_B05	GM_M28_A1_B05_MF	
	24149	GM_M28_A1_B05		GM_M28_A1_B05_MR
	24150	GM_M28_A1_B06	GM_M28_A1_B06_MF	
	24151	GM_M28_A1_B06		GM_M28_A1_B06_MR
10	24152	GM_M28_A1_B07	GM_M28_A1_B07_MF	
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	24154	GM_M28_A1_B08		GM_M28_A1_B08_MR
	24155	GM_M28_A1_B09	GM_M28_A1_B09_MF	
	24156	GM_M28_A1_B09		GM_M28_A1_B09_MR
15	24157	GM_M28_A1_B11	GM_M28_A1_B11_MF	
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	24159	GM_M28_A1_B12	GM_M28_A1_B12_MF	
	24160	GM_M28_A1_B12		GM_M28_A1_B12_MR
	24161	GM_M28_A1_C01	GM_M28_A1_C01_MF	
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	24163	GM_M28_A1_C02	GM_M28_A1_C02_MF	
	24164	GM_M28_A1_C02		GM_M28_A1_C02_MR
	24165	GM_M28_A1_C03	GM_M28_A1_C03_MF	
	24166	GM_M28_A1_C03		GM_M28_A1_C03_MR
25	24167	GM_M28_A1_C04	GM_M28_A1_C04_MF	
	24168	GM_M28_A1_C04		GM_M28_A1_C04_MR
	24169	GM_M28_A1_C05		GM_M28_A1_C05_MR
	24170	GM_M28_A1_C06	GM_M28_A1_C06_MF	
	24171	GM_M28_A1_C07	GM_M28_A1_C07_MF	
30	24172	GM_M28_A1_C07		GM_M28_A1_C07_MR
	24173	GM_M28_A1_C08	GM_M28_A1_C08_MF	
	24174	GM_M28_A1_C08		GM_M28_A1_C08_MR
	24175	GM_M28_A1_C09	GM_M28_A1_C09_MF	
	24176	GM_M28_A1_C10	GM_M28_A1_C10_MF	
35	24177	GM_M28_A1_C10		GM_M28_A1_C10_MR
	24178	GM_M28_A1_C11	GM_M28_A1_C11_MF	
	24179	GM_M28_A1_C11		GM_M28_A1_C11_MR
	24180	GM_M28_A1_C12	GM_M28_A1_C12_MF	
	24181	GM_M28_A1_C12		GM_M28_A1_C12_MR
40	24182	GM_M28_A1_D01	GM_M28_A1_D01_MF	
	24183	GM_M28_A1_D01		GM_M28_A1_D01_MR
	24184	GM_M28_A1_D02	GM_M28_A1_D02_MF	
	24185	GM_M28_A1_D02		GM_M28_A1_D02_MR
	24186	GM_M28_A1_D03	GM_M28_A1_D03_MF	
45	24187	GM_M28_A1_D03		GM_M28_A1_D03_MR
	24188	GM_M28_A1_D04	GM_M28_A1_D04_MF	
	24189	GM_M28_A1_D04		GM_M28_A1_D04_MR
	24190	GM_M28_A1_D05	GM_M28_A1_D05_MF	
	24191	GM_M28_A1_D05		GM_M28_A1_D05_MR
50	24192	GM_M28_A1_D06	GM_M28_A1_D06_MF	
	24193	GM_M28_A1_D06		GM_M28_A1_D06_MR
	24194	GM_M28_A1_D07	GM_M28_A1_D07_MF	
	24195	GM_M28_A1_D07		GM_M28_A1_D07_MR
	24196	GM_M28_A1_D08	GM_M28_A1_D08_MF	
55	24197	GM_M28_A1_D08		GM_M28_A1_D08_MR

	24198	GM_M28_A1_D09	GM_M28_A1_D09_MF	
	24199	GM_M28_A1_D09		GM_M28_A1_D09_MR
	24200	GM_M28_A1_D10	GM_M28_A1_D10_MF	
	24201	GM_M28_A1_D10		GM_M28_A1_D10_MR
5	24202	GM_M28_A1_D11	GM_M28_A1_D11_MF	
	24203	GM_M28_A1_D11		GM_M28_A1_D11_MR
	24204	GM_M28_A1_D12	GM_M28_A1_D12_MF	
	24205	GM_M28_A1_D12		GM_M28_A1_D12_MR
	24206	GM_M28_A1_E01	GM_M28_A1_E01_MF	
10	24207	GM_M28_A1_E01		GM_M28_A1_E01_MR
	24208	GM_M28_A1_E02	GM_M28_A1_E02_MF	
	24209	GM_M28_A1_E02		GM_M28_A1_E02_MR
	24210	GM_M28_A1_E03	GM_M28_A1_E03_MF	
	24211	GM_M28_A1_E03		GM_M28_A1_E03_MR
15	24212	GM_M28_A1_E04	GM_M28_A1_E04_MF	
	24213	GM_M28_A1_E05		GM_M28_A1_E05_MR
	24214	GM_M28_A1_E06	GM_M28_A1_E06_MF	
	24215	GM_M28_A1_E07	GM_M28_A1_E07_MF	
	24216	GM_M28_A1_E07		GM_M28_A1_E07_MR
20	24217	GM_M28_A1_E08	GM_M28_A1_E08_MF	
	24218	GM_M28_A1_E08		GM_M28_A1_E08_MR
	24219	GM_M28_A1_E09	GM_M28_A1_E09_MF	
	24220	GM_M28_A1_E10	GM_M28_A1_E10_MF	
	24221	GM_M28_A1_E10		GM_M28_A1_E10_MR
25	24222	GM_M28_A1_E11		GM_M28_A1_E11_MR
	24223	GM_M28_A1_E12	GM_M28_A1_E12_MF	
	24224	GM_M28_A1_E12		GM_M28_A1_E12_MR
	24225	GM_M28_A1_F01	GM_M28_A1_F01_MF	
	24226	GM_M28_A1_F01		GM_M28_A1_F01_MR
30	24227	GM_M28_A1_F02	GM_M28_A1_F02_MF	
	24228	GM_M28_A1_F02		GM_M28_A1_F02_MR
	24229	GM_M28_A1_F03	GM_M28_A1_F03_MF	
	24230	GM_M28_A1_F03		GM_M28_A1_F03_MR
	24231	GM_M28_A1_F04	GM_M28_A1_F04_MF	
35	24232	GM_M28_A1_F04		GM_M28_A1_F04_MR
	24233	GM_M28_A1_F05	GM_M28_A1_F05_MF	
	24234	GM_M28_A1_F05		GM_M28_A1_F05_MR
	24235	GM_M28_A1_F06	GM_M28_A1_F06_MF	
	24236	GM_M28_A1_F06		GM_M28_A1_F06_MR
40	24237	GM_M28_A1_F07	GM_M28_A1_F07_MF	
	24238	GM_M28_A1_F07		GM_M28_A1_F07_MR
	24239	GM_M28_A1_F08	GM_M28_A1_F08_MF	
	24240	GM_M28_A1_F08		GM_M28_A1_F08_MR
	24241	GM_M28_A1_F09	GM_M28_A1_F09_MF	
45	24242	GM_M28_A1_F09		GM_M28_A1_F09_MR
	24243	GM_M28_A1_F10	GM_M28_A1_F10_MF	
	24244	GM_M28_A1_F10		GM_M28_A1_F10_MR
	24245	GM_M28_A1_F11	GM_M28_A1_F11_MF	
	24246	GM_M28_A1_F11		GM_M28_A1_F11_MR
50	24247	GM_M28_A1_F12	GM_M28_A1_F12_MF	
	24248	GM_M28_A1_F12		GM_M28_A1_F12_MR
	24249	GM_M28_A1_G01	GM_M28_A1_G01_MF	
	24250	GM_M28_A1_G01		GM_M28_A1_G01_MR
	24251	GM_M28_A1_G02	GM_M28_A1_G02_MF	
55	24252	GM_M28_A1_G02		GM_M28_A1_G02_MR

	24253	GM_M28_A1_G03	GM_M28_A1_G03_MF	
	24254	GM_M28_A1_G03		GM_M28_A1_G03_MR
	24255	GM_M28_A1_G05	GM_M28_A1_G05_MF	
	24256	GM_M28_A1_G05		GM_M28_A1_G05_MR
5	24257	GM_M28_A1_G06	GM_M28_A1_G06_MF	
	24258	GM_M28_A1_G06		GM_M28_A1_G06_MR
	24259	GM_M28_A1_G07	GM_M28_A1_G07_MF	
	24260	GM_M28_A1_G07		GM_M28_A1_G07_MR
	24261	GM_M28_A1_G09	GM_M28_A1_G09_MF	
10	24262	GM_M28_A1_G09		GM_M28_A1_G09_MR
	24263	GM_M28_A1_G10	GM_M28_A1_G10_MF	
	24264	GM_M28_A1_G10		GM_M28_A1_G10_MR
	24265	GM_M28_A1_G12	GM_M28_A1_G12_MF	
	24266	GM_M28_A1_G12		GM_M28_A1_G12_MR
15	24267	GM_M28_A1_H01	GM_M28_A1_H01_MF	
	24268	GM_M28_A1_H01		GM_M28_A1_H01_MR
	24269	GM_M28_A1_H02	GM_M28_A1_H02_MF	
	24270	GM_M28_A1_H03	GM_M28_A1_H03_MF	
	24271	GM_M28_A1_H03		GM_M28_A1_H03_MR
20	24272	GM_M28_A1_H04	GM_M28_A1_H04_MF	
	24273	GM_M28_A1_H04		GM_M28_A1_H04_MR
	24274	GM_M28_A1_H05	GM_M28_A1_H05_MF	
	24275	GM_M28_A1_H05		GM_M28_A1_H05_MR
	24276	GM_M28_A1_H06	GM_M28_A1_H06_MF	
25	24277	GM_M28_A1_H06		GM_M28_A1_H06_MR
	24278	GM_M28_A1_H07	GM_M28_A1_H07_MF	
	24279	GM_M28_A1_H07		GM_M28_A1_H07_MR
	24280	GM_M28_A1_H08	GM_M28_A1_H08_MF	
	24281	GM_M28_A1_H08		GM_M28_A1_H08_MR
30	24282	GM_M28_A1_H09	GM_M28_A1_H09_MF	
	24283	GM_M28_A1_H09		GM_M28_A1_H09_MR
	24284	GM_M28_A1_H10	GM_M28_A1_H10_MF	
	24285	GM_M28_A1_H10		GM_M28_A1_H10_MR
	24286	GM_M28_A1_H11	GM_M28_A1_H11_MF	
35	24287	GM_M28_A1_H11		GM_M28_A1_H11_MR
	24288	GM_M28_A1_H12	GM_M28_A1_H12_MF	
	24289	GM_M28_A2_A01		GM_M28_A2_A01_MR
	24290	GM_M28_A2_A02	GM_M28_A2_A02_MF	
	24291	GM_M28_A2_A02		GM_M28_A2_A02_MR
40	24292	GM_M28_A2_A03	GM_M28_A2_A03_MF	
	24293	GM_M28_A2_A04	GM_M28_A2_A04_MF	
	24294	GM_M28_A2_A04		GM_M28_A2_A04_MR
	24295	GM_M28_A2_A05	GM_M28_A2_A05_MF	
	24296	GM_M28_A2_A05		GM_M28_A2_A05_MR
45	24297	GM_M28_A2_A06	GM_M28_A2_A06_MF	
	24298	GM_M28_A2_A06		GM_M28_A2_A06_MR
	24299	GM_M28_A2_A07	GM_M28_A2_A07_MF	
	24300	GM_M28_A2_A07		GM_M28_A2_A07_MR
	24301	GM_M28_A2_A08	GM_M28_A2_A08_MF	
50	24302	GM_M28_A2_A09		GM_M28_A2_A09_MR
	24303	GM_M28_A2_A10	GM_M28_A2_A10_MF	
	24304	GM_M28_A2_A10		GM_M28_A2_A10_MR
	24305	GM_M28_A2_A11		GM_M28_A2_A11_MR
	24306	GM_M28_A2_A12	GM_M28_A2_A12_MF	
55	24307	GM_M28_A2_B01	GM_M28_A2_B01_MF	

	24308	GM_M28_A2_B01		GM_M28_A2_B01_MR
	24309	GM_M28_A2_B02	GM_M28_A2_B02_MF	
	24310	GM_M28_A2_B02		GM_M28_A2_B02_MR
	24311	GM_M28_A2_B03	GM_M28_A2_B03_MF	
5	24312	GM_M28_A2_B03		GM_M28_A2_B03_MR
	24313	GM_M28_A2_B04	GM_M28_A2_B04_MF	
	24314	GM_M28_A2_B04		GM_M28_A2_B04_MR
	24315	GM_M28_A2_B05	GM_M28_A2_B05_MF	
	24316	GM_M28_A2_B05		GM_M28_A2_B05_MR
10	24317	GM_M28_A2_B06		GM_M28_A2_B06_MR
	24318	GM_M28_A2_B07	GM_M28_A2_B07_MF	
	24319	GM_M28_A2_B07		GM_M28_A2_B07_MR
	24320	GM_M28_A2_B08	GM_M28_A2_B08_MF	
	24321	GM_M28_A2_B08		GM_M28_A2_B08_MR
15	24322	GM_M28_A2_B09	GM_M28_A2_B09_MF	
	24323	GM_M28_A2_B09		GM_M28_A2_B09_MR
	24324	GM_M28_A2_B10	GM_M28_A2_B10_MF	
	24325	GM_M28_A2_B10		GM_M28_A2_B10_MR
	24326	GM_M28_A2_B11	GM_M28_A2_B11_MF	
20	24327	GM_M28_A2_B11		GM_M28_A2_B11_MR
	24328	GM_M28_A2_B12	GM_M28_A2_B12_MF	
	24329	GM_M28_A2_B12		GM_M28_A2_B12_MR
	24330	GM_M28_A2_C01	GM_M28_A2_C01_MF	
	24331	GM_M28_A2_C01		GM_M28_A2_C01_MR
25	24332	GM_M28_A2_C02	GM_M28_A2_C02_MF	
	24333	GM_M28_A2_C02		GM_M28_A2_C02_MR
	24334	GM_M28_A2_C03	GM_M28_A2_C03_MF	
	24335	GM_M28_A2_C03		GM_M28_A2_C03_MR
	24336	GM_M28_A2_C04	GM_M28_A2_C04_MF	
30	24337	GM_M28_A2_C05	GM_M28_A2_C05_MF	
	24338	GM_M28_A2_C05		GM_M28_A2_C05_MR
	24339	GM_M28_A2_C06		GM_M28_A2_C06_MR
	24340	GM_M28_A2_C07	GM_M28_A2_C07_MF	
	24341	GM_M28_A2_C07		GM_M28_A2_C07_MR
35	24342	GM_M28_A2_C08	GM_M28_A2_C08_MF	
	24343	GM_M28_A2_C09	GM_M28_A2_C09_MF	
	24344	GM_M28_A2_C09		GM_M28_A2_C09_MR
	24345	GM_M28_A2_C10	GM_M28_A2_C10_MF	
	24346	GM_M28_A2_C10		GM_M28_A2_C10_MR
40	24347	GM_M28_A2_C12	GM_M28_A2_C12_MF	
	24348	GM_M28_A2_D01	GM_M28_A2_D01_MF	
	24349	GM_M28_A2_D01		GM_M28_A2_D01_MR
	24350	GM_M28_A2_D02		GM_M28_A2_D02_MR
	24351	GM_M28_A2_D03	GM_M28_A2_D03_MF	
45	24352	GM_M28_A2_D03		GM_M28_A2_D03_MR
	24353	GM_M28_A2_D04	GM_M28_A2_D04_MF	
	24354	GM_M28_A2_D04		GM_M28_A2_D04_MR
	24355	GM_M28_A2_D05	GM_M28_A2_D05_MF	
	24356	GM_M28_A2_D05		GM_M28_A2_D05_MR
50	24357	GM_M28_A2_D06	GM_M28_A2_D06_MF	
	24358	GM_M28_A2_D06		GM_M28_A2_D06_MR
	24359	GM_M28_A2_D07	GM_M28_A2_D07_MF	
	24360	GM_M28_A2_D07		GM_M28_A2_D07_MR
	24361	GM_M28_A2_D08	GM_M28_A2_D08_MF	
55	24362	GM_M28_A2_D09	GM_M28_A2_D09_MF	

	24363	GM_M28_A2_D09		GM_M28_A2_D09_MR
	24364	GM_M28_A2_D10	GM_M28_A2_D10_MF	
	24365	GM_M28_A2_D10		GM_M28_A2_D10_MR
	24366	GM_M28_A2_D11	GM_M28_A2_D11_MF	
5	24367	GM_M28_A2_D11		GM_M28_A2_D11_MR
	24368	GM_M28_A2_D12	GM_M28_A2_D12_MF	
	24369	GM_M28_A2_D12		GM_M28_A2_D12_MR
	24370	GM_M28_A2_E01	GM_M28_A2_E01_MF	
	24371	GM_M28_A2_E03	GM_M28_A2_E03_MF	
10	24372	GM_M28_A2_E03		GM_M28_A2_E03_MR
	24373	GM_M28_A2_E04	GM_M28_A2_E04_MF	
	24374	GM_M28_A2_E05	GM_M28_A2_E05_MF	
	24375	GM_M28_A2_E05		GM_M28_A2_E05_MR
	24376	GM_M28_A2_E09	GM_M28_A2_E09_MF	
15	24377	GM_M28_A2_E10	GM_M28_A2_E10_MF	
	24378	GM_M28_A2_E10		GM_M28_A2_E10_MR
	24379	GM_M28_A2_E11	GM_M28_A2_E11_MF	
	24380	GM_M28_A2_E12	GM_M28_A2_E12_MF	
	24381	GM_M28_A2_E12		GM_M28_A2_E12_MR
20	24382	GM_M28_A2_F01	GM_M28_A2_F01_MF	
	24383	GM_M28_A2_F01		GM_M28_A2_F01_MR
	24384	GM_M28_A2_F02	GM_M28_A2_F02_MF	
	24385	GM_M28_A2_F03	GM_M28_A2_F03_MF	
	24386	GM_M28_A2_F03		GM_M28_A2_F03_MR
25	24387	GM_M28_A2_F04	GM_M28_A2_F04_MF	
	24388	GM_M28_A2_F04		GM_M28_A2_F04_MR
	24389	GM_M28_A2_F05	GM_M28_A2_F05_MF	
	24390	GM_M28_A2_F05		GM_M28_A2_F05_MR
	24391	GM_M28_A2_F06	GM_M28_A2_F06_MF	
30	24392	GM_M28_A2_F06		GM_M28_A2_F06_MR
	24393	GM_M28_A2_F07	GM_M28_A2_F07_MF	
	24394	GM_M28_A2_F08	GM_M28_A2_F08_MF	
	24395	GM_M28_A2_F08		GM_M28_A2_F08_MR
	24396	GM_M28_A2_F09	GM_M28_A2_F09_MF	
35	24397	GM_M28_A2_F09		GM_M28_A2_F09_MR
	24398	GM_M28_A2_F10	GM_M28_A2_F10_MF	
	24399	GM_M28_A2_F10		GM_M28_A2_F10_MR
	24400	GM_M28_A2_F11	GM_M28_A2_F11_MF	
	24401	GM_M28_A2_G01	GM_M28_A2_G01_MF	
40	24402	GM_M28_A2_G03	GM_M28_A2_G03_MF	
	24403	GM_M28_A2_G03		GM_M28_A2_G03_MR
	24404	GM_M28_A2_G04	GM_M28_A2_G04_MF	
	24405	GM_M28_A2_G04		GM_M28_A2_G04_MR
	24406	GM_M28_A2_G05	GM_M28_A2_G05_MF	
45	24407	GM_M28_A2_G05		GM_M28_A2_G05_MR
	24408	GM_M28_A2_G07	GM_M28_A2_G07_MF	
	24409	GM_M28_A2_G07		GM_M28_A2_G07_MR
	24410	GM_M28_A2_G08	GM_M28_A2_G08_MF	
	24411	GM_M28_A2_G08		GM_M28_A2_G08_MR
50	24412	GM_M28_A2_G09	GM_M28_A2_G09_MF	
	24413	GM_M28_A2_G09		GM_M28_A2_G09_MR
	24414	GM_M28_A2_G10	GM_M28_A2_G10_MF	
	24415	GM_M28_A2_G10		GM_M28_A2_G10_MR
	24416	GM_M28_A2_G11	GM_M28_A2_G11_MF	
55	24417	GM_M28_A2_G11		GM_M28_A2_G11_MR

	24418	GM_M28_A2_G12	GM_M28_A2_G12_MF	
	24419	GM_M28_A2_H01	GM_M28_A2_H01_MF	
	24420	GM_M28_A2_H01		GM_M28_A2_H01_MR
	24421	GM_M28_A2_H02	GM_M28_A2_H02_MF	
5	24422	GM_M28_A2_H02		GM_M28_A2_H02_MR
	24423	GM_M28_A2_H03	GM_M28_A2_H03_MF	
	24424	GM_M28_A2_H03		GM_M28_A2_H03_MR
	24425	GM_M28_A2_H04	GM_M28_A2_H04_MF	
	24426	GM_M28_A2_H04		GM_M28_A2_H04_MR
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	24429	GM_M28_A2_H06	GM_M28_A2_H06_MF	
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	24431	GM_M28_A2_H07	GM_M28_A2_H07_MF	
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	24433	GM_M28_A2_H08	GM_M28_A2_H08_MF	
	24434	GM_M28_A2_H08		GM_M28_A2_H08_MR
	24435	GM_M28_A2_H09	GM_M28_A2_H09_MF	
	24436	GM_M28_A2_H09		GM_M28_A2_H09_MR
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	24438	GM_M28_A2_H10		GM_M28_A2_H10_MR
	24439	GM_M28_A2_H11	GM_M28_A2_H11_MF	
	24440	GM_M28_A2_H11		GM_M28_A2_H11_MR
	24441	GM_M28_A2_H12	GM_M28_A2_H12_MF	
25	24442	GM_M28_A2_H12		GM_M28_A2_H12_MR
	24443	GM_M28_B1_A01	GM_M28_B1_A01_MF	
	24444	GM_M28_B1_A01		GM_M28_B1_A01_MR
	24445	GM_M28_B1_A02	GM_M28_B1_A02_MF	
	24446	GM_M28_B1_A02		GM_M28_B1_A02_MR
30	24447	GM_M28_B1_A03	GM_M28_B1_A03_MF	
	24448	GM_M28_B1_A03		GM_M28_B1_A03_MR
	24449	GM_M28_B1_A04	GM_M28_B1_A04_MF	
	24450	GM_M28_B1_A04		GM_M28_B1_A04_MR
	24451	GM_M28_B1_A05	GM_M28_B1_A05_MF	
35	24452	GM_M28_B1_A05		GM_M28_B1_A05_MR
	24453	GM_M28_B1_A06	GM_M28_B1_A06_MF	
	24454	GM_M28_B1_A06		GM_M28_B1_A06_MR
	24455	GM_M28_B1_A08	GM_M28_B1_A08_MF	
	24456	GM_M28_B1_A08		GM_M28_B1_A08_MR
40	24457	GM_M28_B1_A09	GM_M28_B1_A09_MF	
	24458	GM_M28_B1_A09		GM_M28_B1_A09_MR
	24459	GM_M28_B1_A10	GM_M28_B1_A10_MF	
	24460	GM_M28_B1_A10		GM_M28_B1_A10_MR
	24461	GM_M28_B1_A11	GM_M28_B1_A11_MF	
45	24462	GM_M28_B1_A11		GM_M28_B1_A11_MR
	24463	GM_M28_B1_A12	GM_M28_B1_A12_MF	
	24464	GM_M28_B1_A12		GM_M28_B1_A12_MR
	24465	GM_M28_B1_B01		GM_M28_B1_B01_MR
	24466	GM_M28_B1_B02	GM_M28_B1_B02_MF	
50	24467	GM_M28_B1_B02		GM_M28_B1_B02_MR
	24468	GM_M28_B1_B03	GM_M28_B1_B03_MF	
	24469	GM_M28_B1_B03		GM_M28_B1_B03_MR
	24470	GM_M28_B1_B04	GM_M28_B1_B04_MF	
	24471	GM_M28_B1_B04		GM_M28_B1_B04_MR
55	24472	GM_M28_B1_B05	GM_M28_B1_B05_MF	

	24473	GM_M28_B1_B05		GM_M28_B1_B05_MR
	24474	GM_M28_B1_B06	GM_M28_B1_B06_MF	
	24475	GM_M28_B1_B06		GM_M28_B1_B06_MR
	24476	GM_M28_B1_B07	GM_M28_B1_B07_MF	
5	24477	GM_M28_B1_B07		GM_M28_B1_B07_MR
	24478	GM_M28_B1_B08	GM_M28_B1_B08_MF	
	24479	GM_M28_B1_B08		GM_M28_B1_B08_MR
	24480	GM_M28_B1_B09	GM_M28_B1_B09_MF	
	24481	GM_M28_B1_B09		GM_M28_B1_B09_MR
10	24482	GM_M28_B1_B10	GM_M28_B1_B10_MF	
	24483	GM_M28_B1_B10		GM_M28_B1_B10_MR
	24484	GM_M28_B1_B11	GM_M28_B1_B11_MF	
	24485	GM_M28_B1_B11		GM_M28_B1_B11_MR
	24486	GM_M28_B1_B12	GM_M28_B1_B12_MF	
15	24487	GM_M28_B1_B12		GM_M28_B1_B12_MR
	24488	GM_M28_B1_C01	GM_M28_B1_C01_MF	
	24489	GM_M28_B1_C01		GM_M28_B1_C01_MR
	24490	GM_M28_B1_C02	GM_M28_B1_C02_MF	
	24491	GM_M28_B1_C02		GM_M28_B1_C02_MR
20	24492	GM_M28_B1_C03	GM_M28_B1_C03_MF	
	24493	GM_M28_B1_C03		GM_M28_B1_C03_MR
	24494	GM_M28_B1_C04	GM_M28_B1_C04_MF	
	24495	GM_M28_B1_C04		GM_M28_B1_C04_MR
	24496	GM_M28_B1_C05	GM_M28_B1_C05_MF	
25	24497	GM_M28_B1_C05		GM_M28_B1_C05_MR
	24498	GM_M28_B1_C06	GM_M28_B1_C06_MF	
	24499	GM_M28_B1_C06		GM_M28_B1_C06_MR
	24500	GM_M28_B1_C07		GM_M28_B1_C07_MR
	24501	GM_M28_B1_C08	GM_M28_B1_C08_MF	
30	24502	GM_M28_B1_C08		GM_M28_B1_C08_MR
	24503	GM_M28_B1_C09	GM_M28_B1_C09_MF	
	24504	GM_M28_B1_C09		GM_M28_B1_C09_MR
	24505	GM_M28_B1_C10	GM_M28_B1_C10_MF	
	24506	GM_M28_B1_C10		GM_M28_B1_C10_MR
35	24507	GM_M28_B1_C11	GM_M28_B1_C11_MF	
	24508	GM_M28_B1_C11		GM_M28_B1_C11_MR
	24509	GM_M28_B1_C12	GM_M28_B1_C12_MF	
	24510	GM_M28_B1_C12		GM_M28_B1_C12_MR
	24511	GM_M28_B1_D01	GM_M28_B1_D01_MF	
40	24512	GM_M28_B1_D01		GM_M28_B1_D01_MR
	24513	GM_M28_B1_D02	GM_M28_B1_D02_MF	
	24514	GM_M28_B1_D02		GM_M28_B1_D02_MR
	24515	GM_M28_B1_D03	GM_M28_B1_D03_MF	
	24516	GM_M28_B1_D04	GM_M28_B1_D04_MF	
45	24517	GM_M28_B1_D04		GM_M28_B1_D04_MR
	24518	GM_M28_B1_D05	GM_M28_B1_D05_MF	
	24519	GM_M28_B1_D05		GM_M28_B1_D05_MR
	24520	GM_M28_B1_D06	GM_M28_B1_D06_MF	
	24521	GM_M28_B1_D06		GM_M28_B1_D06_MR
50	24522	GM_M28_B1_D07	GM_M28_B1_D07_MF	
	24523	GM_M28_B1_D07		GM_M28_B1_D07_MR
	24524	GM_M28_B1_D08	GM_M28_B1_D08_MF	
	24525	GM_M28_B1_D08		GM_M28_B1_D08_MR
	24526	GM_M28_B1_D09	GM_M28_B1_D09_MF	
55	24527	GM_M28_B1_D09		GM_M28_B1_D09_MR

	24528	GM_M28_B1_D10	GM_M28_B1_D10_MF	
	24529	GM_M28_B1_D10		GM_M28_B1_D10_MR
	24530	GM_M28_B1_D11	GM_M28_B1_D11_MF	
	24531	GM_M28_B1_D11		GM_M28_B1_D11_MR
5	24532	GM_M28_B1_D12	GM_M28_B1_D12_MF	
	24533	GM_M28_B1_D12		GM_M28_B1_D12_MR
	24534	GM_M28_B1_E01	GM_M28_B1_E01_MF	
	24535	GM_M28_B1_E01		GM_M28_B1_E01_MR
	24536	GM_M28_B1_E02	GM_M28_B1_E02_MF	
10	24537	GM_M28_B1_E03	GM_M28_B1_E03_MF	
	24538	GM_M28_B1_E03		GM_M28_B1_E03_MR
	24539	GM_M28_B1_E04	GM_M28_B1_E04_MF	
	24540	GM_M28_B1_E04		GM_M28_B1_E04_MR
	24541	GM_M28_B1_E05	GM_M28_B1_E05_MF	
15	24542	GM_M28_B1_E05		GM_M28_B1_E05_MR
	24543	GM_M28_B1_E06	GM_M28_B1_E06_MF	
	24544	GM_M28_B1_E06		GM_M28_B1_E06_MR
	24545	GM_M28_B1_E07	GM_M28_B1_E07_MF	
	24546	GM_M28_B1_E07		GM_M28_B1_E07_MR
20	24547	GM_M28_B1_E08	GM_M28_B1_E08_MF	
	24548	GM_M28_B1_E08		GM_M28_B1_E08_MR
	24549	GM_M28_B1_E09	GM_M28_B1_E09_MF	
	24550	GM_M28_B1_E09		GM_M28_B1_E09_MR
	24551	GM_M28_B1_E10	GM_M28_B1_E10_MF	
25	24552	GM_M28_B1_E10		GM_M28_B1_E10_MR
	24553	GM_M28_B1_E11	GM_M28_B1_E11_MF	
	24554	GM_M28_B1_E11		GM_M28_B1_E11_MR
	24555	GM_M28_B1_E12	GM_M28_B1_E12_MF	
	24556	GM_M28_B1_E12		GM_M28_B1_E12_MR
30	24557	GM_M28_B1_F01	GM_M28_B1_F01_MF	
	24558	GM_M28_B1_F01		GM_M28_B1_F01_MR
	24559	GM_M28_B1_F02	GM_M28_B1_F02_MF	
	24560	GM_M28_B1_F02		GM_M28_B1_F02_MR
	24561	GM_M28_B1_F03	GM_M28_B1_F03_MF	
35	24562	GM_M28_B1_F03		GM_M28_B1_F03_MR
	24563	GM_M28_B1_F05	GM_M28_B1_F05_MF	
	24564	GM_M28_B1_F05		GM_M28_B1_F05_MR
	24565	GM_M28_B1_F06	GM_M28_B1_F06_MF	
	24566	GM_M28_B1_F06		GM_M28_B1_F06_MR
40	24567	GM_M28_B1_F07	GM_M28_B1_F07_MF	
	24568	GM_M28_B1_F07		GM_M28_B1_F07_MR
	24569	GM_M28_B1_F08	GM_M28_B1_F08_MF	
	24570	GM_M28_B1_F08		GM_M28_B1_F08_MR
	24571	GM_M28_B1_F09	GM_M28_B1_F09_MF	
45	24572	GM_M28_B1_F09		GM_M28_B1_F09_MR
	24573	GM_M28_B1_F10	GM_M28_B1_F10_MF	
	24574	GM_M28_B1_F10		GM_M28_B1_F10_MR
	24575	GM_M28_B1_F11	GM_M28_B1_F11_MF	
	24576	GM_M28_B1_F11		GM_M28_B1_F11_MR
50	24577	GM_M28_B1_F12		GM_M28_B1_F12_MR
	24578	GM_M28_B1_G01	GM_M28_B1_G01_MF	
	24579	GM_M28_B1_G01		GM_M28_B1_G01_MR
	24580	GM_M28_B1_G02	GM_M28_B1_G02_MF	
	24581	GM_M28_B1_G02		GM_M28_B1_G02_MR
55	24582	GM_M28_B1_G03	GM_M28_B1_G03_MF	

	24583	GM_M28_B1_G03		GM_M28_B1_G03_MR
	24584	GM_M28_B1_G04	GM_M28_B1_G04_MF	
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	24586	GM_M28_B1_G05	GM_M28_B1_G05_MF	
5	24587	GM_M28_B1_G05		GM_M28_B1_G05_MR
	24588	GM_M28_B1_G06	GM_M28_B1_G06_MF	
	24589	GM_M28_B1_G06		GM_M28_B1_G06_MR
	24590	GM_M28_B1_G07	GM_M28_B1_G07_MF	
	24591	GM_M28_B1_G07		GM_M28_B1_G07_MR
10	24592	GM_M28_B1_G08	GM_M28_B1_G08_MF	
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	24594	GM_M28_B1_G09	GM_M28_B1_G09_MF	
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	24596	GM_M28_B1_G10	GM_M28_B1_G10_MF	
15	24597	GM_M28_B1_G10		GM_M28_B1_G10_MR
	24598	GM_M28_B1_G11	GM_M28_B1_G11_MF	
	24599	GM_M28_B1_G11		GM_M28_B1_G11_MR
	24600	GM_M28_B1_G12	GM_M28_B1_G12_MF	
	24601	GM_M28_B1_G12		GM_M28_B1_G12_MR
20	24602	GM_M28_B1_H01	GM_M28_B1_H01_MF	
	24603	GM_M28_B1_H01		GM_M28_B1_H01_MR
	24604	GM_M28_B1_H02	GM_M28_B1_H02_MF	
	24605	GM_M28_B1_H02		GM_M28_B1_H02_MR
	24606	GM_M28_B1_H03	GM_M28_B1_H03_MF	
25	24607	GM_M28_B1_H03		GM_M28_B1_H03_MR
	24608	GM_M28_B1_H04	GM_M28_B1_H04_MF	
	24609	GM_M28_B1_H04		GM_M28_B1_H04_MR
	24610	GM_M28_B1_H05	GM_M28_B1_H05_MF	
	24611	GM_M28_B1_H05		GM_M28_B1_H05_MR
30	24612	GM_M28_B1_H06	GM_M28_B1_H06_MF	
	24613	GM_M28_B1_H06		GM_M28_B1_H06_MR
	24614	GM_M28_B1_H07	GM_M28_B1_H07_MF	
	24615	GM_M28_B1_H07		GM_M28_B1_H07_MR
	24616	GM_M28_B1_H08	GM_M28_B1_H08_MF	
35	24617	GM_M28_B1_H08		GM_M28_B1_H08_MR
	24618	GM_M28_B1_H09	GM_M28_B1_H09_MF	
	24619	GM_M28_B1_H09		GM_M28_B1_H09_MR
	24620	GM_M28_B1_H10	GM_M28_B1_H10_MF	
	24621	GM_M28_B1_H10		GM_M28_B1_H10_MR
40	24622	GM_M28_B1_H11	GM_M28_B1_H11_MF	
	24623	GM_M28_B1_H11		GM_M28_B1_H11_MR
	24624	GM_M28_B1_H12	GM_M28_B1_H12_MF	
	24625	GM_M28_B1_H12		GM_M28_B1_H12_MR
	24626	GM_M28_B2_A02	GM_M28_B2_A02_MF	
45	24627	GM_M28_B2_A03	GM_M28_B2_A03_MF	
	24628	GM_M28_B2_A04	GM_M28_B2_A04_MF	
	24629	GM_M28_B2_A04		GM_M28_B2_A04_MR
	24630	GM_M28_B2_A05	GM_M28_B2_A05_MF	
	24631	GM_M28_B2_A05		GM_M28_B2_A05_MR
50	24632	GM_M28_B2_A06	GM_M28_B2_A06_MF	
	24633	GM_M28_B2_A06		GM_M28_B2_A06_MR
	24634	GM_M28_B2_A07	GM_M28_B2_A07_MF	
	24635	GM_M28_B2_A08	GM_M28_B2_A08_MF	
	24636	GM_M28_B2_A08		GM_M28_B2_A08_MR
55	24637	GM_M28_B2_A09	GM_M28_B2_A09_MF	

	24638	GM_M28_B2_A09		GM_M28_B2_A09_MR
	24639	GM_M28_B2_A10	GM_M28_B2_A10_MF	
	24640	GM_M28_B2_A10		GM_M28_B2_A10_MR
	24641	GM_M28_B2_A12	GM_M28_B2_A12_MF	
5	24642	GM_M28_B2_A12		GM_M28_B2_A12_MR
	24643	GM_M28_B2_B01	GM_M28_B2_B01_MF	
	24644	GM_M28_B2_B02	GM_M28_B2_B02_MF	
	24645	GM_M28_B2_B02		GM_M28_B2_B02_MR
	24646	GM_M28_B2_B03	GM_M28_B2_B03_MF	
10	24647	GM_M28_B2_B03		GM_M28_B2_B03_MR
	24648	GM_M28_B2_B04	GM_M28_B2_B04_MF	
	24649	GM_M28_B2_B04		GM_M28_B2_B04_MR
	24650	GM_M28_B2_B05	GM_M28_B2_B05_MF	
	24651	GM_M28_B2_B05		GM_M28_B2_B05_MR
15	24652	GM_M28_B2_B06	GM_M28_B2_B06_MF	
	24653	GM_M28_B2_B06		GM_M28_B2_B06_MR
	24654	GM_M28_B2_B07	GM_M28_B2_B07_MF	
	24655	GM_M28_B2_B07		GM_M28_B2_B07_MR
	24656	GM_M28_B2_B08	GM_M28_B2_B08_MF	
20	24657	GM_M28_B2_B09	GM_M28_B2_B09_MF	
	24658	GM_M28_B2_B10	GM_M28_B2_B10_MF	
	24659	GM_M28_B2_B10		GM_M28_B2_B10_MR
	24660	GM_M28_B2_B11	GM_M28_B2_B11_MF	
	24661	GM_M28_B2_B11		GM_M28_B2_B11_MR
25	24662	GM_M28_B2_B12	GM_M28_B2_B12_MF	
	24663	GM_M28_B2_B12		GM_M28_B2_B12_MR
	24664	GM_M28_B2_C02	GM_M28_B2_C02_MF	
	24665	GM_M28_B2_C02		GM_M28_B2_C02_MR
	24666	GM_M28_B2_C04	GM_M28_B2_C04_MF	
30	24667	GM_M28_B2_C04		GM_M28_B2_C04_MR
	24668	GM_M28_B2_C05	GM_M28_B2_C05_MF	
	24669	GM_M28_B2_C05		GM_M28_B2_C05_MR
	24670	GM_M28_B2_C06	GM_M28_B2_C06_MF	
	24671	GM_M28_B2_C06		GM_M28_B2_C06_MR
35	24672	GM_M28_B2_C07	GM_M28_B2_C07_MF	
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	24674	GM_M28_B2_C08	GM_M28_B2_C08_MF	
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	24676	GM_M28_B2_C09	GM_M28_B2_C09_MF	
40	24677	GM_M28_B2_C09		GM_M28_B2_C09_MR
	24678	GM_M28_B2_C10	GM_M28_B2_C10_MF	
	24679	GM_M28_B2_C11	GM_M28_B2_C11_MF	
	24680	GM_M28_B2_C11		GM_M28_B2_C11_MR
	24681	GM_M28_B2_C12	GM_M28_B2_C12_MF	
45	24682	GM_M28_B2_C12		GM_M28_B2_C12_MR
	24683	GM_M28_B2_D02	GM_M28_B2_D02_MF	
	24684	GM_M28_B2_D02		GM_M28_B2_D02_MR
	24685	GM_M28_B2_D03	GM_M28_B2_D03_MF	
	24686	GM_M28_B2_D03		GM_M28_B2_D03_MR
50	24687	GM_M28_B2_D04	GM_M28_B2_D04_MF	
	24688	GM_M28_B2_D04		GM_M28_B2_D04_MR
	24689	GM_M28_B2_D05	GM_M28_B2_D05_MF	
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	24691	GM_M28_B2_D06	GM_M28_B2_D06_MF	
55	24692	GM_M28_B2_D06		GM_M28_B2_D06_MR

	24693	GM_M28_B2_D07	GM_M28_B2_D07_MF	
	24694	GM_M28_B2_D07		GM_M28_B2_D07_MR
	24695	GM_M28_B2_D08	GM_M28_B2_D08_MF	
	24696	GM_M28_B2_D08		GM_M28_B2_D08_MR
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	24699	GM_M28_B2_D10	GM_M28_B2_D10_MF	
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	24701	GM_M28_B2_D11	GM_M28_B2_D11_MF	
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	24704	GM_M28_B2_D12		GM_M28_B2_D12_MR
	24705	GM_M28_B2_E02	GM_M28_B2_E02_MF	
	24706	GM_M28_B2_E02		GM_M28_B2_E02_MR
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	24713	GM_M28_B2_E06	GM_M28_B2_E06_MF	
	24714	GM_M28_B2_E06		GM_M28_B2_E06_MR
	24715	GM_M28_B2_E07	GM_M28_B2_E07_MF	
	24716	GM_M28_B2_E07		GM_M28_B2_E07_MR
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	24719	GM_M28_B2_E09	GM_M28_B2_E09_MF	
	24720	GM_M28_B2_E09		GM_M28_B2_E09_MR
	24721	GM_M28_B2_E10		GM_M28_B2_E10_MR
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	24724	GM_M28_B2_E12	GM_M28_B2_E12_MF	
	24725	GM_M28_B2_E12		GM_M28_B2_E12_MR
	24726	GM_M28_B2_F01	GM_M28_B2_F01_MF	
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	24729	GM_M28_B2_F02		GM_M28_B2_F02_MR
	24730	GM_M28_B2_F03	GM_M28_B2_F03_MF	
	24731	GM_M28_B2_F03		GM_M28_B2_F03_MR
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	24734	GM_M28_B2_F05	GM_M28_B2_F05_MF	
	24735	GM_M28_B2_F05		GM_M28_B2_F05_MR
	24736	GM_M28_B2_F06	GM_M28_B2_F06_MF	
45	24737	GM_M28_B2_F06		GM_M28_B2_F06_MR
	24738	GM_M28_B2_F07	GM_M28_B2_F07_MF	
	24739	GM_M28_B2_F07		GM_M28_B2_F07_MR
	24740	GM_M28_B2_F08	GM_M28_B2_F08_MF	
	24741	GM_M28_B2_F08		GM_M28_B2_F08_MR
50	24742	GM_M28_B2_F09	GM_M28_B2_F09_MF	
	24743	GM_M28_B2_F09		GM_M28_B2_F09_MR
	24744	GM_M28_B2_F10	GM_M28_B2_F10_MF	
	24745	GM_M28_B2_F10		GM_M28_B2_F10_MR
	24746	GM_M28_B2_F11	GM_M28_B2_F11_MF	
55	24747	GM_M28_B2_F11		GM_M28_B2_F11_MR

	24748	GM_M28_B2_F12	GM_M28_B2_F12_MF	
	24749	GM_M28_B2_F12		GM_M28_B2_F12_MR
	24750	GM_M28_B2_G01	GM_M28_B2_G01_MF	
	24751	GM_M28_B2_G01		GM_M28_B2_G01_MR
5	24752	GM_M28_B2_G02	GM_M28_B2_G02_MF	
	24753	GM_M28_B2_G02		GM_M28_B2_G02_MR
	24754	GM_M28_B2_G03	GM_M28_B2_G03_MF	
	24755	GM_M28_B2_G03		GM_M28_B2_G03_MR
	24756	GM_M28_B2_G04	GM_M28_B2_G04_MF	
10	24757	GM_M28_B2_G04		GM_M28_B2_G04_MR
	24758	GM_M28_B2_G05	GM_M28_B2_G05_MF	
	24759	GM_M28_B2_G05		GM_M28_B2_G05_MR
	24760	GM_M28_B2_G06	GM_M28_B2_G06_MF	
	24761	GM_M28_B2_G06		GM_M28_B2_G06_MR
15	24762	GM_M28_B2_G07	GM_M28_B2_G07_MF	
	24763	GM_M28_B2_G07		GM_M28_B2_G07_MR
	24764	GM_M28_B2_G08	GM_M28_B2_G08_MF	
	24765	GM_M28_B2_G08		GM_M28_B2_G08_MR
	24766	GM_M28_B2_G09	GM_M28_B2_G09_MF	
20	24767	GM_M28_B2_G09		GM_M28_B2_G09_MR
	24768	GM_M28_B2_G10	GM_M28_B2_G10_MF	
	24769	GM_M28_B2_G10		GM_M28_B2_G10_MR
	24770	GM_M28_B2_G11	GM_M28_B2_G11_MF	
	24771	GM_M28_B2_G11		GM_M28_B2_G11_MR
25	24772	GM_M28_B2_G12	GM_M28_B2_G12_MF	
	24773	GM_M28_B2_G12		GM_M28_B2_G12_MR
	24774	GM_M28_B2_H01	GM_M28_B2_H01_MF	
	24775	GM_M28_B2_H01		GM_M28_B2_H01_MR
	24776	GM_M28_B2_H02	GM_M28_B2_H02_MF	
30	24777	GM_M28_B2_H03	GM_M28_B2_H03_MF	
	24778	GM_M28_B2_H03		GM_M28_B2_H03_MR
	24779	GM_M28_B2_H04	GM_M28_B2_H04_MF	
	24780	GM_M28_B2_H04		GM_M28_B2_H04_MR
	24781	GM_M28_B2_H05	GM_M28_B2_H05_MF	
35	24782	GM_M28_B2_H05		GM_M28_B2_H05_MR
	24783	GM_M28_B2_H06	GM_M28_B2_H06_MF	
	24784	GM_M28_B2_H06		GM_M28_B2_H06_MR
	24785	GM_M28_B2_H07	GM_M28_B2_H07_MF	
	24786	GM_M28_B2_H07		GM_M28_B2_H07_MR
40	24787	GM_M28_B2_H08	GM_M28_B2_H08_MF	
	24788	GM_M28_B2_H09	GM_M28_B2_H09_MF	
	24789	GM_M28_B2_H09		GM_M28_B2_H09_MR
	24790	GM_M28_B2_H10	GM_M28_B2_H10_MF	
	24791	GM_M28_B2_H10		GM_M28_B2_H10_MR
45	24792	GM_M28_B2_H11	GM_M28_B2_H11_MF	
	24793	GM_M28_B2_H11		GM_M28_B2_H11_MR
	24794	GM_M28_B2_H12	GM_M28_B2_H12_MF	
	24795	GM_M28_B2_H12		GM_M28_B2_H12_MR
	24796	GM_M29_A1_A01		GM_M29_A1_A01_MR
50	24797	GM_M29_A1_A02		GM_M29_A1_A02_MR
	24798	GM_M29_A1_A03		GM_M29_A1_A03_MR
	24799	GM_M29_A1_A04		GM_M29_A1_A04_MR
	24800	GM_M29_A1_A05		GM_M29_A1_A05_MR
	24801	GM_M29_A1_A06		GM_M29_A1_A06_MR
55	24802	GM_M29_A1_A07		GM_M29_A1_A07_MR

	24803	GM_M29_A1_A08	GM_M29_A1_A08_MR
	24804	GM_M29_A1_A09	GM_M29_A1_A09_MR
	24805	GM_M29_A1_A10	GM_M29_A1_A10_MR
	24806	GM_M29_A1_A11	GM_M29_A1_A11_MR
5	24807	GM_M29_A1_A12	GM_M29_A1_A12_MR
	24808	GM_M29_A1_B01	GM_M29_A1_B01_MR
	24809	GM_M29_A1_B02	GM_M29_A1_B02_MR
	24810	GM_M29_A1_B03	GM_M29_A1_B03_MR
	24811	GM_M29_A1_B04	GM_M29_A1_B04_MR
10	24812	GM_M29_A1_B05	GM_M29_A1_B05_MR
	24813	GM_M29_A1_B06	GM_M29_A1_B06_MR
	24814	GM_M29_A1_B07	GM_M29_A1_B07_MR
	24815	GM_M29_A1_B08	GM_M29_A1_B08_MR
	24816	GM_M29_A1_B09	GM_M29_A1_B09_MR
15	24817	GM_M29_A1_B10	GM_M29_A1_B10_MR
	24818	GM_M29_A1_B11	GM_M29_A1_B11_MR
	24819	GM_M29_A1_B12	GM_M29_A1_B12_MR
	24820	GM_M29_A1_C01	GM_M29_A1_C01_MR
	24821	GM_M29_A1_C02	GM_M29_A1_C02_MR
20	24822	GM_M29_A1_C03	GM_M29_A1_C03_MR
	24823	GM_M29_A1_C04	GM_M29_A1_C04_MR
	24824	GM_M29_A1_C05	GM_M29_A1_C05_MR
	24825	GM_M29_A1_C06	GM_M29_A1_C06_MR
	24826	GM_M29_A1_C07	GM_M29_A1_C07_MR
25	24827	GM_M29_A1_C08	GM_M29_A1_C08_MR
	24828	GM_M29_A1_C10	GM_M29_A1_C10_MR
	24829	GM_M29_A1_C11	GM_M29_A1_C11_MR
	24830	GM_M29_A1_C12	GM_M29_A1_C12_MR
	24831	GM_M29_A1_D01	GM_M29_A1_D01_MR
30	24832	GM_M29_A1_D02	GM_M29_A1_D02_MR
	24833	GM_M29_A1_D03	GM_M29_A1_D03_MR
	24834	GM_M29_A1_D04	GM_M29_A1_D04_MR
	24835	GM_M29_A1_D05	GM_M29_A1_D05_MR
	24836	GM_M29_A1_D06	GM_M29_A1_D06_MR
35	24837	GM_M29_A1_D07	GM_M29_A1_D07_MR
	24838	GM_M29_A1_D08	GM_M29_A1_D08_MR
	24839	GM_M29_A1_D09	GM_M29_A1_D09_MR
	24840	GM_M29_A1_D10	GM_M29_A1_D10_MR
	24841	GM_M29_A1_D11	GM_M29_A1_D11_MR
40	24842	GM_M29_A1_D12	GM_M29_A1_D12_MR
	24843	GM_M29_A1_E01	GM_M29_A1_E01_MR
	24844	GM_M29_A1_E02	GM_M29_A1_E02_MR
	24845	GM_M29_A1_E03	GM_M29_A1_E03_MR
	24846	GM_M29_A1_E05	GM_M29_A1_E05_MR
45	24847	GM_M29_A1_E06	GM_M29_A1_E06_MR
	24848	GM_M29_A1_E07	GM_M29_A1_E07_MR
	24849	GM_M29_A1_E09	GM_M29_A1_E09_MR
	24850	GM_M29_A1_E10	GM_M29_A1_E10_MR
	24851	GM_M29_A1_E11	GM_M29_A1_E11_MR
50	24852	GM_M29_A1_E12	GM_M29_A1_E12_MR
	24853	GM_M29_A1_F01	GM_M29_A1_F01_MR
	24854	GM_M29_A1_F02	GM_M29_A1_F02_MR
	24855	GM_M29_A1_F03	GM_M29_A1_F03_MR
	24856	GM_M29_A1_F04	GM_M29_A1_F04_MR
55	24857	GM_M29_A1_F05	GM_M29_A1_F05_MR

	24858	GM_M29_A1_F06		GM_M29_A1_F06_MR
	24859	GM_M29_A1_F07		GM_M29_A1_F07_MR
	24860	GM_M29_A1_F08		GM_M29_A1_F08_MR
	24861	GM_M29_A1_F09		GM_M29_A1_F09_MR
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	24863	GM_M29_A1_F11		GM_M29_A1_F11_MR
	24864	GM_M29_A1_F12		GM_M29_A1_F12_MR
	24865	GM_M29_A1_G01		GM_M29_A1_G01_MR
	24866	GM_M29_A1_G02		GM_M29_A1_G02_MR
10	24867	GM_M29_A1_G03		GM_M29_A1_G03_MR
	24868	GM_M29_A1_G04		GM_M29_A1_G04_MR
	24869	GM_M29_A1_G05		GM_M29_A1_G05_MR
	24870	GM_M29_A1_G07		GM_M29_A1_G07_MR
	24871	GM_M29_A1_G08		GM_M29_A1_G08_MR
15	24872	GM_M29_A1_G09		GM_M29_A1_G09_MR
	24873	GM_M29_A1_G10		GM_M29_A1_G10_MR
	24874	GM_M29_A1_G11		GM_M29_A1_G11_MR
	24875	GM_M29_A1_G12		GM_M29_A1_G12_MR
	24876	GM_M29_A1_H01		GM_M29_A1_H01_MR
20	24877	GM_M29_A1_H02		GM_M29_A1_H02_MR
	24878	GM_M29_A1_H03		GM_M29_A1_H03_MR
	24879	GM_M29_A1_H04		GM_M29_A1_H04_MR
	24880	GM_M29_A1_H05		GM_M29_A1_H05_MR
	24881	GM_M29_A1_H06		GM_M29_A1_H06_MR
25	24882	GM_M29_A1_H07		GM_M29_A1_H07_MR
	24883	GM_M29_A1_H08		GM_M29_A1_H08_MR
	24884	GM_M29_A1_H09		GM_M29_A1_H09_MR
	24885	GM_M29_A1_H10		GM_M29_A1_H10_MR
	24886	GM_M29_A1_H11		GM_M29_A1_H11_MR
30	24887	GM_M29_A1_H12		GM_M29_A1_H12_MR
	24888	GM_M29_A2_A01	GM_M29_A2_A01_MF	
	24889	GM_M29_A2_A01		GM_M29_A2_A01_MR
	24890	GM_M29_A2_A02	GM_M29_A2_A02_MF	
	24891	GM_M29_A2_A02		GM_M29_A2_A02_MR
35	24892	GM_M29_A2_A04	GM_M29_A2_A04_MF	
	24893	GM_M29_A2_A05	GM_M29_A2_A05_MF	
	24894	GM_M29_A2_A05		GM_M29_A2_A05_MR
	24895	GM_M29_A2_A06	GM_M29_A2_A06_MF	
	24896	GM_M29_A2_A06		GM_M29_A2_A06_MR
40	24897	GM_M29_A2_A07	GM_M29_A2_A07_MF	
	24898	GM_M29_A2_A07		GM_M29_A2_A07_MR
	24899	GM_M29_A2_A08	GM_M29_A2_A08_MF	
	24900	GM_M29_A2_A08		GM_M29_A2_A08_MR
	24901	GM_M29_A2_A09	GM_M29_A2_A09_MF	
45	24902	GM_M29_A2_A10	GM_M29_A2_A10_MF	
	24903	GM_M29_A2_A10		GM_M29_A2_A10_MR
	24904	GM_M29_A2_A11	GM_M29_A2_A11_MF	
	24905	GM_M29_A2_A11		GM_M29_A2_A11_MR
	24906	GM_M29_A2_A12	GM_M29_A2_A12_MF	
50	24907	GM_M29_A2_A12		GM_M29_A2_A12_MR
	24908	GM_M29_A2_B01	GM_M29_A2_B01_MF	
	24909	GM_M29_A2_B01		GM_M29_A2_B01_MR
	24910	GM_M29_A2_B02	GM_M29_A2_B02_MF	
	24911	GM_M29_A2_B02		GM_M29_A2_B02_MR
55	24912	GM_M29_A2_B03	GM_M29_A2_B03_MF	

	24913	GM_M29_A2_B03		GM_M29_A2_B03_MR
	24914	GM_M29_A2_B04	GM_M29_A2_B04_MF	
	24915	GM_M29_A2_B04		GM_M29_A2_B04_MR
	24916	GM_M29_A2_B05	GM_M29_A2_B05_MF	
5	24917	GM_M29_A2_B05		GM_M29_A2_B05_MR
	24918	GM_M29_A2_B06	GM_M29_A2_B06_MF	
	24919	GM_M29_A2_B06		GM_M29_A2_B06_MR
	24920	GM_M29_A2_B07	GM_M29_A2_B07_MF	
	24921	GM_M29_A2_B07		GM_M29_A2_B07_MR
10	24922	GM_M29_A2_B08	GM_M29_A2_B08_MF	
	24923	GM_M29_A2_B08		GM_M29_A2_B08_MR
	24924	GM_M29_A2_B09	GM_M29_A2_B09_MF	
	24925	GM_M29_A2_B09		GM_M29_A2_B09_MR
	24926	GM_M29_A2_B10	GM_M29_A2_B10_MF	
15	24927	GM_M29_A2_B10		GM_M29_A2_B10_MR
	24928	GM_M29_A2_B11	GM_M29_A2_B11_MF	
	24929	GM_M29_A2_B11		GM_M29_A2_B11_MR
	24930	GM_M29_A2_B12	GM_M29_A2_B12_MF	
	24931	GM_M29_A2_B12		GM_M29_A2_B12_MR
20	24932	GM_M29_A2_C01	GM_M29_A2_C01_MF	
	24933	GM_M29_A2_C01		GM_M29_A2_C01_MR
	24934	GM_M29_A2_C02	GM_M29_A2_C02_MF	
	24935	GM_M29_A2_C02		GM_M29_A2_C02_MR
	24936	GM_M29_A2_C03	GM_M29_A2_C03_MF	
25	24937	GM_M29_A2_C03		GM_M29_A2_C03_MR
	24938	GM_M29_A2_C04	GM_M29_A2_C04_MF	
	24939	GM_M29_A2_C04		GM_M29_A2_C04_MR
	24940	GM_M29_A2_C05	GM_M29_A2_C05_MF	
	24941	GM_M29_A2_C05		GM_M29_A2_C05_MR
30	24942	GM_M29_A2_C06	GM_M29_A2_C06_MF	
	24943	GM_M29_A2_C06		GM_M29_A2_C06_MR
	24944	GM_M29_A2_C07	GM_M29_A2_C07_MF	
	24945	GM_M29_A2_C07		GM_M29_A2_C07_MR
	24946	GM_M29_A2_C08	GM_M29_A2_C08_MF	
35	24947	GM_M29_A2_C08		GM_M29_A2_C08_MR
	24948	GM_M29_A2_C09	GM_M29_A2_C09_MF	
	24949	GM_M29_A2_C09		GM_M29_A2_C09_MR
	24950	GM_M29_A2_C10		GM_M29_A2_C10_MR
	24951	GM_M29_A2_C11	GM_M29_A2_C11_MF	
40	24952	GM_M29_A2_C11		GM_M29_A2_C11_MR
	24953	GM_M29_A2_C12	GM_M29_A2_C12_MF	
	24954	GM_M29_A2_C12		GM_M29_A2_C12_MR
	24955	GM_M29_A2_D01	GM_M29_A2_D01_MF	
	24956	GM_M29_A2_D01		GM_M29_A2_D01_MR
45	24957	GM_M29_A2_D02	GM_M29_A2_D02_MF	
	24958	GM_M29_A2_D02		GM_M29_A2_D02_MR
	24959	GM_M29_A2_D03	GM_M29_A2_D03_MF	
	24960	GM_M29_A2_D03		GM_M29_A2_D03_MR
	24961	GM_M29_A2_D04	GM_M29_A2_D04_MF	
50	24962	GM_M29_A2_D04		GM_M29_A2_D04_MR
	24963	GM_M29_A2_D05	GM_M29_A2_D05_MF	
	24964	GM_M29_A2_D05		GM_M29_A2_D05_MR
	24965	GM_M29_A2_D06	GM_M29_A2_D06_MF	
	24966	GM_M29_A2_D06		GM_M29_A2_D06_MR
55	24967	GM_M29_A2_D07	GM_M29_A2_D07_MF	

	24968	GM_M29_A2_D07		GM_M29_A2_D07_MR
	24969	GM_M29_A2_D08	GM_M29_A2_D08_MF	
	24970	GM_M29_A2_D08		GM_M29_A2_D08_MR
	24971	GM_M29_A2_D09	GM_M29_A2_D09_MF	
5	24972	GM_M29_A2_D09		GM_M29_A2_D09_MR
	24973	GM_M29_A2_D10	GM_M29_A2_D10_MF	
	24974	GM_M29_A2_D10		GM_M29_A2_D10_MR
	24975	GM_M29_A2_D11	GM_M29_A2_D11_MF	
	24976	GM_M29_A2_D11		GM_M29_A2_D11_MR
10	24977	GM_M29_A2_E01	GM_M29_A2_E01_MF	
	24978	GM_M29_A2_E01		GM_M29_A2_E01_MR
	24979	GM_M29_A2_E02	GM_M29_A2_E02_MF	
	24980	GM_M29_A2_E03	GM_M29_A2_E03_MF	
	24981	GM_M29_A2_E03		GM_M29_A2_E03_MR
15	24982	GM_M29_A2_E04	GM_M29_A2_E04_MF	
	24983	GM_M29_A2_E04		GM_M29_A2_E04_MR
	24984	GM_M29_A2_E05	GM_M29_A2_E05_MF	
	24985	GM_M29_A2_E05		GM_M29_A2_E05_MR
	24986	GM_M29_A2_E06	GM_M29_A2_E06_MF	
20	24987	GM_M29_A2_E07	GM_M29_A2_E07_MF	
	24988	GM_M29_A2_E07		GM_M29_A2_E07_MR
	24989	GM_M29_A2_E08	GM_M29_A2_E08_MF	
	24990	GM_M29_A2_E08		GM_M29_A2_E08_MR
	24991	GM_M29_A2_E09	GM_M29_A2_E09_MF	
25	24992	GM_M29_A2_E10	GM_M29_A2_E10_MF	
	24993	GM_M29_A2_E10		GM_M29_A2_E10_MR
	24994	GM_M29_A2_E11	GM_M29_A2_E11_MF	
	24995	GM_M29_A2_E11		GM_M29_A2_E11_MR
	24996	GM_M29_A2_E12	GM_M29_A2_E12_MF	
30	24997	GM_M29_A2_F01	GM_M29_A2_F01_MF	
	24998	GM_M29_A2_F01		GM_M29_A2_F01_MR
	24999	GM_M29_A2_F02	GM_M29_A2_F02_MF	
	25000	GM_M29_A2_F02		GM_M29_A2_F02_MR
	25001	GM_M29_A2_F03	GM_M29_A2_F03_MF	
35	25002	GM_M29_A2_F03		GM_M29_A2_F03_MR
	25003	GM_M29_A2_F04	GM_M29_A2_F04_MF	
	25004	GM_M29_A2_F04		GM_M29_A2_F04_MR
	25005	GM_M29_A2_F05	GM_M29_A2_F05_MF	
	25006	GM_M29_A2_F05		GM_M29_A2_F05_MR
40	25007	GM_M29_A2_F06	GM_M29_A2_F06_MF	
	25008	GM_M29_A2_F06		GM_M29_A2_F06_MR
	25009	GM_M29_A2_F07	GM_M29_A2_F07_MF	
	25010	GM_M29_A2_F07		GM_M29_A2_F07_MR
	25011	GM_M29_A2_F08	GM_M29_A2_F08_MF	
45	25012	GM_M29_A2_F09	GM_M29_A2_F09_MF	
	25013	GM_M29_A2_F09		GM_M29_A2_F09_MR
	25014	GM_M29_A2_F10	GM_M29_A2_F10_MF	
	25015	GM_M29_A2_F10		GM_M29_A2_F10_MR
	25016	GM_M29_A2_F11	GM_M29_A2_F11_MF	
50	25017	GM_M29_A2_F11		GM_M29_A2_F11_MR
	25018	GM_M29_A2_F12	GM_M29_A2_F12_MF	
	25019	GM_M29_A2_F12		GM_M29_A2_F12_MR
	25020	GM_M29_A2_G01	GM_M29_A2_G01_MF	
	25021	GM_M29_A2_G01		GM_M29_A2_G01_MR
55	25022	GM_M29_A2_G02	GM_M29_A2_G02_MF	

	25023	GM_M29_A2_G02		GM_M29_A2_G02_MR
	25024	GM_M29_A2_G03	GM_M29_A2_G03_MF	
	25025	GM_M29_A2_G03		GM_M29_A2_G03_MR
	25026	GM_M29_A2_G04	GM_M29_A2_G04_MF	
5	25027	GM_M29_A2_G04		GM_M29_A2_G04_MR
	25028	GM_M29_A2_G05	GM_M29_A2_G05_MF	
	25029	GM_M29_A2_G05		GM_M29_A2_G05_MR
	25030	GM_M29_A2_G06	GM_M29_A2_G06_MF	
	25031	GM_M29_A2_G06		GM_M29_A2_G06_MR
10	25032	GM_M29_A2_G07	GM_M29_A2_G07_MF	
	25033	GM_M29_A2_G07		GM_M29_A2_G07_MR
	25034	GM_M29_A2_G08	GM_M29_A2_G08_MF	
	25035	GM_M29_A2_G08		GM_M29_A2_G08_MR
	25036	GM_M29_A2_G09	GM_M29_A2_G09_MF	
15	25037	GM_M29_A2_G09		GM_M29_A2_G09_MR
	25038	GM_M29_A2_G10	GM_M29_A2_G10_MF	
	25039	GM_M29_A2_G10		GM_M29_A2_G10_MR
	25040	GM_M29_A2_G11	GM_M29_A2_G11_MF	
	25041	GM_M29_A2_G11		GM_M29_A2_G11_MR
20	25042	GM_M29_A2_G12	GM_M29_A2_G12_MF	
	25043	GM_M29_A2_H01	GM_M29_A2_H01_MF	
	25044	GM_M29_A2_H01		GM_M29_A2_H01_MR
	25045	GM_M29_A2_H02	GM_M29_A2_H02_MF	
	25046	GM_M29_A2_H02		GM_M29_A2_H02_MR
25	25047	GM_M29_A2_H03	GM_M29_A2_H03_MF	
	25048	GM_M29_A2_H03		GM_M29_A2_H03_MR
	25049	GM_M29_A2_H04	GM_M29_A2_H04_MF	
	25050	GM_M29_A2_H04		GM_M29_A2_H04_MR
	25051	GM_M29_A2_H05	GM_M29_A2_H05_MF	
30	25052	GM_M29_A2_H05		GM_M29_A2_H05_MR
	25053	GM_M29_A2_H06	GM_M29_A2_H06_MF	
	25054	GM_M29_A2_H06		GM_M29_A2_H06_MR
	25055	GM_M29_A2_H07	GM_M29_A2_H07_MF	
	25056	GM_M29_A2_H07		GM_M29_A2_H07_MR
35	25057	GM_M29_A2_H08	GM_M29_A2_H08_MF	
	25058	GM_M29_A2_H08		GM_M29_A2_H08_MR
	25059	GM_M29_A2_H09	GM_M29_A2_H09_MF	
	25060	GM_M29_A2_H09		GM_M29_A2_H09_MR
	25061	GM_M29_A2_H10	GM_M29_A2_H10_MF	
40	25062	GM_M29_A2_H10		GM_M29_A2_H10_MR
	25063	GM_M29_A2_H11	GM_M29_A2_H11_MF	
	25064	GM_M29_A2_H11		GM_M29_A2_H11_MR
	25065	GM_M29_A2_H12	GM_M29_A2_H12_MF	
	25066	GM_M29_A2_H12		GM_M29_A2_H12_MR
45	25067	GM_M29_B1_A01	GM_M29_B1_A01_MF	
	25068	GM_M29_B1_A01		GM_M29_B1_A01_MR
	25069	GM_M29_B1_A02	GM_M29_B1_A02_MF	
	25070	GM_M29_B1_A02		GM_M29_B1_A02_MR
	25071	GM_M29_B1_A03	GM_M29_B1_A03_MF	
50	25072	GM_M29_B1_A03		GM_M29_B1_A03_MR
	25073	GM_M29_B1_A04	GM_M29_B1_A04_MF	
	25074	GM_M29_B1_A04		GM_M29_B1_A04_MR
	25075	GM_M29_B1_A05	GM_M29_B1_A05_MF	
	25076	GM_M29_B1_A05		GM_M29_B1_A05_MR
55	25077	GM_M29_B1_A06	GM_M29_B1_A06_MF	

	25078	GM_M29_B1_A06		GM_M29_B1_A06_MR
	25079	GM_M29_B1_A07	GM_M29_B1_A07_MF	
	25080	GM_M29_B1_A07		GM_M29_B1_A07_MR
	25081	GM_M29_B1_A08	GM_M29_B1_A08_MF	
5	25082	GM_M29_B1_A08		GM_M29_B1_A08_MR
	25083	GM_M29_B1_A09	GM_M29_B1_A09_MF	
	25084	GM_M29_B1_A09		GM_M29_B1_A09_MR
	25085	GM_M29_B1_A10	GM_M29_B1_A10_MF	
	25086	GM_M29_B1_A10		GM_M29_B1_A10_MR
10	25087	GM_M29_B1_A11	GM_M29_B1_A11_MF	
	25088	GM_M29_B1_A11		GM_M29_B1_A11_MR
	25089	GM_M29_B1_A12	GM_M29_B1_A12_MF	
	25090	GM_M29_B1_A12		GM_M29_B1_A12_MR
	25091	GM_M29_B1_B01	GM_M29_B1_B01_MF	
15	25092	GM_M29_B1_B01		GM_M29_B1_B01_MR
	25093	GM_M29_B1_B02	GM_M29_B1_B02_MF	
	25094	GM_M29_B1_B02		GM_M29_B1_B02_MR
	25095	GM_M29_B1_B03	GM_M29_B1_B03_MF	
	25096	GM_M29_B1_B03		GM_M29_B1_B03_MR
20	25097	GM_M29_B1_B04	GM_M29_B1_B04_MF	
	25098	GM_M29_B1_B04		GM_M29_B1_B04_MR
	25099	GM_M29_B1_B05	GM_M29_B1_B05_MF	
	25100	GM_M29_B1_B05		GM_M29_B1_B05_MR
	25101	GM_M29_B1_B06	GM_M29_B1_B06_MF	
25	25102	GM_M29_B1_B06		GM_M29_B1_B06_MR
	25103	GM_M29_B1_B07	GM_M29_B1_B07_MF	
	25104	GM_M29_B1_B07		GM_M29_B1_B07_MR
	25105	GM_M29_B1_B08	GM_M29_B1_B08_MF	
	25106	GM_M29_B1_B08		GM_M29_B1_B08_MR
30	25107	GM_M29_B1_B09	GM_M29_B1_B09_MF	
	25108	GM_M29_B1_B09		GM_M29_B1_B09_MR
	25109	GM_M29_B1_B10	GM_M29_B1_B10_MF	
	25110	GM_M29_B1_B10		GM_M29_B1_B10_MR
	25111	GM_M29_B1_B11	GM_M29_B1_B11_MF	
35	25112	GM_M29_B1_B11		GM_M29_B1_B11_MR
	25113	GM_M29_B1_B12	GM_M29_B1_B12_MF	
	25114	GM_M29_B1_B12		GM_M29_B1_B12_MR
	25115	GM_M29_B1_C01	GM_M29_B1_C01_MF	
	25116	GM_M29_B1_C01		GM_M29_B1_C01_MR
40	25117	GM_M29_B1_C02	GM_M29_B1_C02_MF	
	25118	GM_M29_B1_C02		GM_M29_B1_C02_MR
	25119	GM_M29_B1_C03	GM_M29_B1_C03_MF	
	25120	GM_M29_B1_C03		GM_M29_B1_C03_MR
	25121	GM_M29_B1_C04	GM_M29_B1_C04_MF	
45	25122	GM_M29_B1_C04		GM_M29_B1_C04_MR
	25123	GM_M29_B1_C05	GM_M29_B1_C05_MF	
	25124	GM_M29_B1_C05		GM_M29_B1_C05_MR
	25125	GM_M29_B1_C06	GM_M29_B1_C06_MF	
	25126	GM_M29_B1_C06		GM_M29_B1_C06_MR
50	25127	GM_M29_B1_C07	GM_M29_B1_C07_MF	
	25128	GM_M29_B1_C07		GM_M29_B1_C07_MR
	25129	GM_M29_B1_C08	GM_M29_B1_C08_MF	
	25130	GM_M29_B1_C08		GM_M29_B1_C08_MR
	25131	GM_M29_B1_C10	GM_M29_B1_C10_MF	
55	25132	GM_M29_B1_C10		GM_M29_B1_C10_MR

	25133	GM_M29_B1_C11	GM_M29_B1_C11_MF	
	25134	GM_M29_B1_C11		GM_M29_B1_C11_MR
	25135	GM_M29_B1_C12	GM_M29_B1_C12_MF	
	25136	GM_M29_B1_C12		GM_M29_B1_C12_MR
5	25137	GM_M29_B1_D01	GM_M29_B1_D01_MF	
	25138	GM_M29_B1_D01		GM_M29_B1_D01_MR
	25139	GM_M29_B1_D02	GM_M29_B1_D02_MF	
	25140	GM_M29_B1_D02		GM_M29_B1_D02_MR
	25141	GM_M29_B1_D03	GM_M29_B1_D03_MF	
10	25142	GM_M29_B1_D03		GM_M29_B1_D03_MR
	25143	GM_M29_B1_D04	GM_M29_B1_D04_MF	
	25144	GM_M29_B1_D04		GM_M29_B1_D04_MR
	25145	GM_M29_B1_D05	GM_M29_B1_D05_MF	
	25146	GM_M29_B1_D05		GM_M29_B1_D05_MR
15	25147	GM_M29_B1_D06	GM_M29_B1_D06_MF	
	25148	GM_M29_B1_D06		GM_M29_B1_D06_MR
	25149	GM_M29_B1_D07	GM_M29_B1_D07_MF	
	25150	GM_M29_B1_D07		GM_M29_B1_D07_MR
	25151	GM_M29_B1_D08	GM_M29_B1_D08_MF	
20	25152	GM_M29_B1_D08		GM_M29_B1_D08_MR
	25153	GM_M29_B1_D09	GM_M29_B1_D09_MF	
	25154	GM_M29_B1_D09		GM_M29_B1_D09_MR
	25155	GM_M29_B1_D10	GM_M29_B1_D10_MF	
	25156	GM_M29_B1_D10		GM_M29_B1_D10_MR
25	25157	GM_M29_B1_D11	GM_M29_B1_D11_MF	
	25158	GM_M29_B1_D11		GM_M29_B1_D11_MR
	25159	GM_M29_B1_D12	GM_M29_B1_D12_MF	
	25160	GM_M29_B1_D12		GM_M29_B1_D12_MR
	25161	GM_M29_B1_E01	GM_M29_B1_E01_MF	
30	25162	GM_M29_B1_E01		GM_M29_B1_E01_MR
	25163	GM_M29_B1_E02	GM_M29_B1_E02_MF	
	25164	GM_M29_B1_E02		GM_M29_B1_E02_MR
	25165	GM_M29_B1_E03	GM_M29_B1_E03_MF	
	25166	GM_M29_B1_E03		GM_M29_B1_E03_MR
35	25167	GM_M29_B1_E04	GM_M29_B1_E04_MF	
	25168	GM_M29_B1_E04		GM_M29_B1_E04_MR
	25169	GM_M29_B1_E05	GM_M29_B1_E05_MF	
	25170	GM_M29_B1_E05		GM_M29_B1_E05_MR
	25171	GM_M29_B1_E06	GM_M29_B1_E06_MF	
40	25172	GM_M29_B1_E06		GM_M29_B1_E06_MR
	25173	GM_M29_B1_E07	GM_M29_B1_E07_MF	
	25174	GM_M29_B1_E07		GM_M29_B1_E07_MR
	25175	GM_M29_B1_E08	GM_M29_B1_E08_MF	
	25176	GM_M29_B1_E08		GM_M29_B1_E08_MR
45	25177	GM_M29_B1_E09	GM_M29_B1_E09_MF	
	25178	GM_M29_B1_E09		GM_M29_B1_E09_MR
	25179	GM_M29_B1_E10	GM_M29_B1_E10_MF	
	25180	GM_M29_B1_E10		GM_M29_B1_E10_MR
	25181	GM_M29_B1_E11	GM_M29_B1_E11_MF	
50	25182	GM_M29_B1_E11		GM_M29_B1_E11_MR
	25183	GM_M29_B1_E12	GM_M29_B1_E12_MF	
	25184	GM_M29_B1_E12		GM_M29_B1_E12_MR
	25185	GM_M29_B1_F01	GM_M29_B1_F01_MF	
	25186	GM_M29_B1_F01		GM_M29_B1_F01_MR
55	25187	GM_M29_B1_F02	GM_M29_B1_F02_MF	

	25188	GM_M29_B1_F02		GM_M29_B1_F02_MR
	25189	GM_M29_B1_F03	GM_M29_B1_F03_MF	
	25190	GM_M29_B1_F03		GM_M29_B1_F03_MR
	25191	GM_M29_B1_F04	GM_M29_B1_F04_MF	
5	25192	GM_M29_B1_F04		GM_M29_B1_F04_MR
	25193	GM_M29_B1_F05	GM_M29_B1_F05_MF	
	25194	GM_M29_B1_F05		GM_M29_B1_F05_MR
	25195	GM_M29_B1_F06	GM_M29_B1_F06_MF	
	25196	GM_M29_B1_F06		GM_M29_B1_F06_MR
10	25197	GM_M29_B1_F07	GM_M29_B1_F07_MF	
	25198	GM_M29_B1_F07		GM_M29_B1_F07_MR
	25199	GM_M29_B1_F08	GM_M29_B1_F08_MF	
	25200	GM_M29_B1_F08		GM_M29_B1_F08_MR
	25201	GM_M29_B1_F09	GM_M29_B1_F09_MF	
15	25202	GM_M29_B1_F09		GM_M29_B1_F09_MR
	25203	GM_M29_B1_F10	GM_M29_B1_F10_MF	
	25204	GM_M29_B1_F10		GM_M29_B1_F10_MR
	25205	GM_M29_B1_F11	GM_M29_B1_F11_MF	
	25206	GM_M29_B1_F11		GM_M29_B1_F11_MR
20	25207	GM_M29_B1_F12	GM_M29_B1_F12_MF	
	25208	GM_M29_B1_F12		GM_M29_B1_F12_MR
	25209	GM_M29_B1_G01	GM_M29_B1_G01_MF	
	25210	GM_M29_B1_G01		GM_M29_B1_G01_MR
	25211	GM_M29_B1_G02	GM_M29_B1_G02_MF	
25	25212	GM_M29_B1_G02		GM_M29_B1_G02_MR
	25213	GM_M29_B1_G03	GM_M29_B1_G03_MF	
	25214	GM_M29_B1_G03		GM_M29_B1_G03_MR
	25215	GM_M29_B1_G04	GM_M29_B1_G04_MF	
	25216	GM_M29_B1_G04		GM_M29_B1_G04_MR
30	25217	GM_M29_B1_G05	GM_M29_B1_G05_MF	
	25218	GM_M29_B1_G05		GM_M29_B1_G05_MR
	25219	GM_M29_B1_G06	GM_M29_B1_G06_MF	
	25220	GM_M29_B1_G06		GM_M29_B1_G06_MR
	25221	GM_M29_B1_G07	GM_M29_B1_G07_MF	
35	25222	GM_M29_B1_G07		GM_M29_B1_G07_MR
	25223	GM_M29_B1_G08	GM_M29_B1_G08_MF	
	25224	GM_M29_B1_G08		GM_M29_B1_G08_MR
	25225	GM_M29_B1_G09	GM_M29_B1_G09_MF	
	25226	GM_M29_B1_G09		GM_M29_B1_G09_MR
40	25227	GM_M29_B1_G10	GM_M29_B1_G10_MF	
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	25229	GM_M29_B1_G11	GM_M29_B1_G11_MF	
	25230	GM_M29_B1_G11		GM_M29_B1_G11_MR
	25231	GM_M29_B1_G12	GM_M29_B1_G12_MF	
45	25232	GM_M29_B1_G12		GM_M29_B1_G12_MR
	25233	GM_M29_B1_H01	GM_M29_B1_H01_MF	
	25234	GM_M29_B1_H01		GM_M29_B1_H01_MR
	25235	GM_M29_B1_H02	GM_M29_B1_H02_MF	
	25236	GM_M29_B1_H02		GM_M29_B1_H02_MR
50	25237	GM_M29_B1_H03	GM_M29_B1_H03_MF	
	25238	GM_M29_B1_H03		GM_M29_B1_H03_MR
	25239	GM_M29_B1_H04	GM_M29_B1_H04_MF	
	25240	GM_M29_B1_H04		GM_M29_B1_H04_MR
	25241	GM_M29_B1_H05	GM_M29_B1_H05_MF	
55	25242	GM_M29_B1_H05		GM_M29_B1_H05_MR

	25243	GM_M29_B1_H06	GM_M29_B1_H06_MF	
	25244	GM_M29_B1_H06		GM_M29_B1_H06_MR
	25245	GM_M29_B1_H07	GM_M29_B1_H07_MF	
	25246	GM_M29_B1_H07		GM_M29_B1_H07_MR
5	25247	GM_M29_B1_H08	GM_M29_B1_H08_MF	
	25248	GM_M29_B1_H08		GM_M29_B1_H08_MR
	25249	GM_M29_B1_H09	GM_M29_B1_H09_MF	
	25250	GM_M29_B1_H09		GM_M29_B1_H09_MR
	25251	GM_M29_B1_H10		GM_M29_B1_H10_MR
10	25252	GM_M29_B1_H11	GM_M29_B1_H11_MF	
	25253	GM_M29_B1_H11		GM_M29_B1_H11_MR
	25254	GM_M29_B1_H12	GM_M29_B1_H12_MF	
	25255	GM_M29_B1_H12		GM_M29_B1_H12_MR
	25256	GM_M29_B2_A02	GM_M29_B2_A02_MF	
15	25257	GM_M29_B2_A02		GM_M29_B2_A02_MR
	25258	GM_M29_B2_A03	GM_M29_B2_A03_MF	
	25259	GM_M29_B2_A03		GM_M29_B2_A03_MR
	25260	GM_M29_B2_A04	GM_M29_B2_A04_MF	
	25261	GM_M29_B2_A05	GM_M29_B2_A05_MF	
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	25263	GM_M29_B2_A08	GM_M29_B2_A08_MF	
	25264	GM_M29_B2_A08		GM_M29_B2_A08_MR
	25265	GM_M29_B2_A09	GM_M29_B2_A09_MF	
	25266	GM_M29_B2_A09		GM_M29_B2_A09_MR
25	25267	GM_M29_B2_A10	GM_M29_B2_A10_MF	
	25268	GM_M29_B2_A10		GM_M29_B2_A10_MR
	25269	GM_M29_B2_A11	GM_M29_B2_A11_MF	
	25270	GM_M29_B2_A11		GM_M29_B2_A11_MR
	25271	GM_M29_B2_A12	GM_M29_B2_A12_MF	
30	25272	GM_M29_B2_A12		GM_M29_B2_A12_MR
	25273	GM_M29_B2_B01	GM_M29_B2_B01_MF	
	25274	GM_M29_B2_B01		GM_M29_B2_B01_MR
	25275	GM_M29_B2_B02		GM_M29_B2_B02_MR
	25276	GM_M29_B2_B03	GM_M29_B2_B03_MF	
35	25277	GM_M29_B2_B03		GM_M29_B2_B03_MR
	25278	GM_M29_B2_B04	GM_M29_B2_B04_MF	
	25279	GM_M29_B2_B04		GM_M29_B2_B04_MR
	25280	GM_M29_B2_B05	GM_M29_B2_B05_MF	
	25281	GM_M29_B2_B05		GM_M29_B2_B05_MR
40	25282	GM_M29_B2_B07	GM_M29_B2_B07_MF	
	25283	GM_M29_B2_B07		GM_M29_B2_B07_MR
	25284	GM_M29_B2_B08	GM_M29_B2_B08_MF	
	25285	GM_M29_B2_B08		GM_M29_B2_B08_MR
	25286	GM_M29_B2_B09	GM_M29_B2_B09_MF	
45	25287	GM_M29_B2_B09		GM_M29_B2_B09_MR
	25288	GM_M29_B2_B10	GM_M29_B2_B10_MF	
	25289	GM_M29_B2_B10		GM_M29_B2_B10_MR
	25290	GM_M29_B2_B11	GM_M29_B2_B11_MF	
	25291	GM_M29_B2_B11		GM_M29_B2_B11_MR
50	25292	GM_M29_B2_B12	GM_M29_B2_B12_MF	
	25293	GM_M29_B2_B12		GM_M29_B2_B12_MR
	25294	GM_M29_B2_C01	GM_M29_B2_C01_MF	
	25295	GM_M29_B2_C01		GM_M29_B2_C01_MR
	25296	GM_M29_B2_C02	GM_M29_B2_C02_MF	
55	25297	GM_M29_B2_C02		GM_M29_B2_C02_MR

	25298	GM_M29_B2_C03	GM_M29_B2_C03_MF	
	25299	GM_M29_B2_C03		GM_M29_B2_C03_MR
	25300	GM_M29_B2_C04	GM_M29_B2_C04_MF	
	25301	GM_M29_B2_C04		GM_M29_B2_C04_MR
5	25302	GM_M29_B2_C05	GM_M29_B2_C05_MF	
	25303	GM_M29_B2_C05		GM_M29_B2_C05_MR
	25304	GM_M29_B2_C06	GM_M29_B2_C06_MF	
	25305	GM_M29_B2_C06		GM_M29_B2_C06_MR
	25306	GM_M29_B2_C07	GM_M29_B2_C07_MF	
10	25307	GM_M29_B2_C07		GM_M29_B2_C07_MR
	25308	GM_M29_B2_C08	GM_M29_B2_C08_MF	
	25309	GM_M29_B2_C08		GM_M29_B2_C08_MR
	25310	GM_M29_B2_C09	GM_M29_B2_C09_MF	
	25311	GM_M29_B2_C09		GM_M29_B2_C09_MR
15	25312	GM_M29_B2_C10	GM_M29_B2_C10_MF	
	25313	GM_M29_B2_C10		GM_M29_B2_C10_MR
	25314	GM_M29_B2_C11	GM_M29_B2_C11_MF	
	25315	GM_M29_B2_C11		GM_M29_B2_C11_MR
	25316	GM_M29_B2_C12		GM_M29_B2_C12_MR
20	25317	GM_M29_B2_D01	GM_M29_B2_D01_MF	
	25318	GM_M29_B2_D01		GM_M29_B2_D01_MR
	25319	GM_M29_B2_D02	GM_M29_B2_D02_MF	
	25320	GM_M29_B2_D02		GM_M29_B2_D02_MR
	25321	GM_M29_B2_D03	GM_M29_B2_D03_MF	
25	25322	GM_M29_B2_D03		GM_M29_B2_D03_MR
	25323	GM_M29_B2_D04		GM_M29_B2_D04_MR
	25324	GM_M29_B2_D05	GM_M29_B2_D05_MF	
	25325	GM_M29_B2_D05		GM_M29_B2_D05_MR
	25326	GM_M29_B2_D07	GM_M29_B2_D07_MF	
30	25327	GM_M29_B2_D07		GM_M29_B2_D07_MR
	25328	GM_M29_B2_D08	GM_M29_B2_D08_MF	
	25329	GM_M29_B2_D08		GM_M29_B2_D08_MR
	25330	GM_M29_B2_D09	GM_M29_B2_D09_MF	
	25331	GM_M29_B2_D09		GM_M29_B2_D09_MR
35	25332	GM_M29_B2_D10	GM_M29_B2_D10_MF	
	25333	GM_M29_B2_D10		GM_M29_B2_D10_MR
	25334	GM_M29_B2_D11	GM_M29_B2_D11_MF	
	25335	GM_M29_B2_D11		GM_M29_B2_D11_MR
	25336	GM_M29_B2_D12	GM_M29_B2_D12_MF	
40	25337	GM_M29_B2_D12		GM_M29_B2_D12_MR
	25338	GM_M29_B2_E01	GM_M29_B2_E01_MF	
	25339	GM_M29_B2_E01		GM_M29_B2_E01_MR
	25340	GM_M29_B2_E02	GM_M29_B2_E02_MF	
	25341	GM_M29_B2_E02		GM_M29_B2_E02_MR
45	25342	GM_M29_B2_E03	GM_M29_B2_E03_MF	
	25343	GM_M29_B2_E03		GM_M29_B2_E03_MR
	25344	GM_M29_B2_E04	GM_M29_B2_E04_MF	
	25345	GM_M29_B2_E04		GM_M29_B2_E04_MR
	25346	GM_M29_B2_E05	GM_M29_B2_E05_MF	
50	25347	GM_M29_B2_E05		GM_M29_B2_E05_MR
	25348	GM_M29_B2_E06		GM_M29_B2_E06_MR
	25349	GM_M29_B2_E07	GM_M29_B2_E07_MF	
	25350	GM_M29_B2_E07		GM_M29_B2_E07_MR
	25351	GM_M29_B2_E08	GM_M29_B2_E08_MF	
55	25352	GM_M29_B2_E08		GM_M29_B2_E08_MR

	25353	GM_M29_B2_E09		GM_M29_B2_E09_MR
	25354	GM_M29_B2_E10	GM_M29_B2_E10_MF	
	25355	GM_M29_B2_E10		GM_M29_B2_E10_MR
	25356	GM_M29_B2_E11	GM_M29_B2_E11_MF	
5	25357	GM_M29_B2_E12	GM_M29_B2_E12_MF	
	25358	GM_M29_B2_E12		GM_M29_B2_E12_MR
	25359	GM_M29_B2_F01	GM_M29_B2_F01_MF	
	25360	GM_M29_B2_F01		GM_M29_B2_F01_MR
	25361	GM_M29_B2_F02	GM_M29_B2_F02_MF	
10	25362	GM_M29_B2_F02		GM_M29_B2_F02_MR
	25363	GM_M29_B2_F03	GM_M29_B2_F03_MF	
	25364	GM_M29_B2_F03		GM_M29_B2_F03_MR
	25365	GM_M29_B2_F04	GM_M29_B2_F04_MF	
	25366	GM_M29_B2_F04		GM_M29_B2_F04_MR
15	25367	GM_M29_B2_F05	GM_M29_B2_F05_MF	
	25368	GM_M29_B2_F05		GM_M29_B2_F05_MR
	25369	GM_M29_B2_F08	GM_M29_B2_F08_MF	
	25370	GM_M29_B2_F08		GM_M29_B2_F08_MR
	25371	GM_M29_B2_F09	GM_M29_B2_F09_MF	
20	25372	GM_M29_B2_F09		GM_M29_B2_F09_MR
	25373	GM_M29_B2_F10	GM_M29_B2_F10_MF	
	25374	GM_M29_B2_F10		GM_M29_B2_F10_MR
	25375	GM_M29_B2_F11	GM_M29_B2_F11_MF	
	25376	GM_M29_B2_F11		GM_M29_B2_F11_MR
25	25377	GM_M29_B2_F12	GM_M29_B2_F12_MF	
	25378	GM_M29_B2_F12		GM_M29_B2_F12_MR
	25379	GM_M29_B2_G01	GM_M29_B2_G01_MF	
	25380	GM_M29_B2_G01		GM_M29_B2_G01_MR
	25381	GM_M29_B2_G02	GM_M29_B2_G02_MF	
30	25382	GM_M29_B2_G02		GM_M29_B2_G02_MR
	25383	GM_M29_B2_G03	GM_M29_B2_G03_MF	
	25384	GM_M29_B2_G03		GM_M29_B2_G03_MR
	25385	GM_M29_B2_G04	GM_M29_B2_G04_MF	
	25386	GM_M29_B2_G04		GM_M29_B2_G04_MR
35	25387	GM_M29_B2_G05	GM_M29_B2_G05_MF	
	25388	GM_M29_B2_G05		GM_M29_B2_G05_MR
	25389	GM_M29_B2_G07	GM_M29_B2_G07_MF	
	25390	GM_M29_B2_G07		GM_M29_B2_G07_MR
	25391	GM_M29_B2_G09	GM_M29_B2_G09_MF	
40	25392	GM_M29_B2_G09		GM_M29_B2_G09_MR
	25393	GM_M29_B2_G10	GM_M29_B2_G10_MF	
	25394	GM_M29_B2_G10		GM_M29_B2_G10_MR
	25395	GM_M29_B2_G12	GM_M29_B2_G12_MF	
	25396	GM_M29_B2_G12		GM_M29_B2_G12_MR
45	25397	GM_M29_B2_H01	GM_M29_B2_H01_MF	
	25398	GM_M29_B2_H01		GM_M29_B2_H01_MR
	25399	GM_M29_B2_H02	GM_M29_B2_H02_MF	
	25400	GM_M29_B2_H02		GM_M29_B2_H02_MR
	25401	GM_M29_B2_H03		GM_M29_B2_H03_MR
50	25402	GM_M29_B2_H04	GM_M29_B2_H04_MF	
	25403	GM_M29_B2_H04		GM_M29_B2_H04_MR
	25404	GM_M29_B2_H05	GM_M29_B2_H05_MF	
	25405	GM_M29_B2_H05		GM_M29_B2_H05_MR
	25406	GM_M29_B2_H07	GM_M29_B2_H07_MF	
55	25407	GM_M29_B2_H07		GM_M29_B2_H07_MR

	25408	GM_M29_B2_H08	GM_M29_B2_H08_MF	
	25409	GM_M29_B2_H08		GM_M29_B2_H08_MR
	25410	GM_M29_B2_H09	GM_M29_B2_H09_MF	
	25411	GM_M29_B2_H09		GM_M29_B2_H09_MR
5	25412	GM_M29_B2_H10	GM_M29_B2_H10_MF	
	25413	GM_M29_B2_H10		GM_M29_B2_H10_MR
	25414	GM_M29_B2_H11	GM_M29_B2_H11_MF	
	25415	GM_M29_B2_H11		GM_M29_B2_H11_MR
	25416	GM_M29_B2_H12	GM_M29_B2_H12_MF	
10	25417	GM_M29_B2_H12		GM_M29_B2_H12_MR
	25418	GM_M30_A1_A01	GM_M30_A1_A01_MF	
	25419	GM_M30_A1_A02		GM_M30_A1_A02_MR
	25420	GM_M30_A1_A03		GM_M30_A1_A03_MR
	25421	GM_M30_A1_A04		GM_M30_A1_A04_MR
15	25422	GM_M30_A1_A05		GM_M30_A1_A05_MR
	25423	GM_M30_A1_A06	GM_M30_A1_A06_MF	
	25424	GM_M30_A1_A06		GM_M30_A1_A06_MR
	25425	GM_M30_A1_A08	GM_M30_A1_A08_MF	
	25426	GM_M30_A1_A08		GM_M30_A1_A08_MR
20	25427	GM_M30_A1_A09		GM_M30_A1_A09_MR
	25428	GM_M30_A1_A12		GM_M30_A1_A12_MR
	25429	GM_M30_A1_B02		GM_M30_A1_B02_MR
	25430	GM_M30_A1_B03		GM_M30_A1_B03_MR
	25431	GM_M30_A1_B04		GM_M30_A1_B04_MR
25	25432	GM_M30_A1_B06	GM_M30_A1_B06_MF	
	25433	GM_M30_A1_B06		GM_M30_A1_B06_MR
	25434	GM_M30_A1_B07		GM_M30_A1_B07_MR
	25435	GM_M30_A1_B08	GM_M30_A1_B08_MF	
	25436	GM_M30_A1_B09	GM_M30_A1_B09_MF	
30	25437	GM_M30_A1_B09		GM_M30_A1_B09_MR
	25438	GM_M30_A1_B10		GM_M30_A1_B10_MR
	25439	GM_M30_A1_B12	GM_M30_A1_B12_MF	
	25440	GM_M30_A1_B12		GM_M30_A1_B12_MR
	25441	GM_M30_A1_C01		GM_M30_A1_C01_MR
35	25442	GM_M30_A1_C02		GM_M30_A1_C02_MR
	25443	GM_M30_A1_C03		GM_M30_A1_C03_MR
	25444	GM_M30_A1_C04		GM_M30_A1_C04_MR
	25445	GM_M30_A1_C06		GM_M30_A1_C06_MR
	25446	GM_M30_A1_C07		GM_M30_A1_C07_MR
40	25447	GM_M30_A1_C08		GM_M30_A1_C08_MR
	25448	GM_M30_A1_C09		GM_M30_A1_C09_MR
	25449	GM_M30_A1_C10		GM_M30_A1_C10_MR
	25450	GM_M30_A1_C12	GM_M30_A1_C12_MF	
	25451	GM_M30_A1_C12		GM_M30_A1_C12_MR
45	25452	GM_M30_A1_D01	GM_M30_A1_D01_MF	
	25453	GM_M30_A1_D01		GM_M30_A1_D01_MR
	25454	GM_M30_A1_D02		GM_M30_A1_D02_MR
	25455	GM_M30_A1_D04		GM_M30_A1_D04_MR
	25456	GM_M30_A1_D06		GM_M30_A1_D06_MR
50	25457	GM_M30_A1_D07		GM_M30_A1_D07_MR
	25458	GM_M30_A1_D09		GM_M30_A1_D09_MR
	25459	GM_M30_A1_D10	GM_M30_A1_D10_MF	
	25460	GM_M30_A1_D10		GM_M30_A1_D10_MR
	25461	GM_M30_A1_D11	GM_M30_A1_D11_MF	
55	25462	GM_M30_A1_D11		GM_M30_A1_D11_MR

	25463	GM_M30_A1_D12	GM_M30_A1_D12_MF	
	25464	GM_M30_A1_D12		GM_M30_A1_D12_MR
	25465	GM_M30_A1_E01		GM_M30_A1_E01_MR
	25466	GM_M30_A1_E02	GM_M30_A1_E02_MF	
5	25467	GM_M30_A1_E02		GM_M30_A1_E02_MR
	25468	GM_M30_A1_E04	GM_M30_A1_E04_MF	
	25469	GM_M30_A1_E04		GM_M30_A1_E04_MR
	25470	GM_M30_A1_E05		GM_M30_A1_E05_MR
	25471	GM_M30_A1_E06	GM_M30_A1_E06_MF	
10	25472	GM_M30_A1_E06		GM_M30_A1_E06_MR
	25473	GM_M30_A1_E10	GM_M30_A1_E10_MF	
	25474	GM_M30_A1_E10		GM_M30_A1_E10_MR
	25475	GM_M30_A1_E12	GM_M30_A1_E12_MF	
	25476	GM_M30_A1_E12		GM_M30_A1_E12_MR
15	25477	GM_M30_A1_F01	GM_M30_A1_F01_MF	
	25478	GM_M30_A1_F01		GM_M30_A1_F01_MR
	25479	GM_M30_A1_F02	GM_M30_A1_F02_MF	
	25480	GM_M30_A1_F02		GM_M30_A1_F02_MR
	25481	GM_M30_A1_F03		GM_M30_A1_F03_MR
20	25482	GM_M30_A1_F05		GM_M30_A1_F05_MR
	25483	GM_M30_A1_F06	GM_M30_A1_F06_MF	
	25484	GM_M30_A1_F06		GM_M30_A1_F06_MR
	25485	GM_M30_A1_F07	GM_M30_A1_F07_MF	
	25486	GM_M30_A1_F07		GM_M30_A1_F07_MR
25	25487	GM_M30_A1_F09		GM_M30_A1_F09_MR
	25488	GM_M30_A1_F11		GM_M30_A1_F11_MR
	25489	GM_M30_A1_F12	GM_M30_A1_F12_MF	
	25490	GM_M30_A1_F12		GM_M30_A1_F12_MR
	25491	GM_M30_A1_G01		GM_M30_A1_G01_MR
30	25492	GM_M30_A1_G02		GM_M30_A1_G02_MR
	25493	GM_M30_A1_G03		GM_M30_A1_G03_MR
	25494	GM_M30_A1_G04		GM_M30_A1_G04_MR
	25495	GM_M30_A1_G05		GM_M30_A1_G05_MR
	25496	GM_M30_A1_G06		GM_M30_A1_G06_MR
35	25497	GM_M30_A1_G08	GM_M30_A1_G08_MF	
	25498	GM_M30_A1_G08		GM_M30_A1_G08_MR
	25499	GM_M30_A1_G11	GM_M30_A1_G11_MF	
	25500	GM_M30_A1_G11		GM_M30_A1_G11_MR
	25501	GM_M30_A1_G12	GM_M30_A1_G12_MF	
40	25502	GM_M30_A1_G12		GM_M30_A1_G12_MR
	25503	GM_M30_A1_H01		GM_M30_A1_H01_MR
	25504	GM_M30_A1_H04		GM_M30_A1_H04_MR
	25505	GM_M30_A1_H05		GM_M30_A1_H05_MR
	25506	GM_M30_A1_H06	GM_M30_A1_H06_MF	
45	25507	GM_M30_A1_H06		GM_M30_A1_H06_MR
	25508	GM_M30_A1_H07	GM_M30_A1_H07_MF	
	25509	GM_M30_A1_H07		GM_M30_A1_H07_MR
	25510	GM_M30_A1_H08	GM_M30_A1_H08_MF	
	25511	GM_M30_A1_H09		GM_M30_A1_H09_MR
50	25512	GM_M30_A1_H10	GM_M30_A1_H10_MF	
	25513	GM_M30_A1_H10		GM_M30_A1_H10_MR
	25514	GM_M30_A1_H11		GM_M30_A1_H11_MR
	25515	GM_M30_A1_H12	GM_M30_A1_H12_MF	
	25516	GM_M30_A1_H12		GM_M30_A1_H12_MR
55	25517	GM_M30_A2_A01	GM_M30_A2_A01_MF	

	25518	GM_M30_A2_A02	GM_M30_A2_A02_MF
	25519	GM_M30_A2_A03	GM_M30_A2_A03_MF
	25520	GM_M30_A2_A04	GM_M30_A2_A04_MF
	25521	GM_M30_A2_A05	GM_M30_A2_A05_MF
5	25522	GM_M30_A2_A06	GM_M30_A2_A06_MF
	25523	GM_M30_A2_A07	GM_M30_A2_A07_MF
	25524	GM_M30_A2_A08	GM_M30_A2_A08_MF
	25525	GM_M30_A2_A09	GM_M30_A2_A09_MF
	25526	GM_M30_A2_A10	GM_M30_A2_A10_MF
10	25527	GM_M30_A2_A11	GM_M30_A2_A11_MF
	25528	GM_M30_A2_A12	GM_M30_A2_A12_MF
	25529	GM_M30_A2_B02	GM_M30_A2_B02_MF
	25530	GM_M30_A2_B03	GM_M30_A2_B03_MF
	25531	GM_M30_A2_B04	GM_M30_A2_B04_MF
15	25532	GM_M30_A2_B05	GM_M30_A2_B05_MF
	25533	GM_M30_A2_B06	GM_M30_A2_B06_MF
	25534	GM_M30_A2_B07	GM_M30_A2_B07_MF
	25535	GM_M30_A2_B09	GM_M30_A2_B09_MF
	25536	GM_M30_A2_B10	GM_M30_A2_B10_MF
20	25537	GM_M30_A2_B11	GM_M30_A2_B11_MF
	25538	GM_M30_A2_B12	GM_M30_A2_B12_MF
	25539	GM_M30_A2_C01	GM_M30_A2_C01_MF
	25540	GM_M30_A2_C02	GM_M30_A2_C02_MF
	25541	GM_M30_A2_C03	GM_M30_A2_C03_MF
25	25542	GM_M30_A2_C04	GM_M30_A2_C04_MF
	25543	GM_M30_A2_C05	GM_M30_A2_C05_MF
	25544	GM_M30_A2_C06	GM_M30_A2_C06_MF
	25545	GM_M30_A2_C07	GM_M30_A2_C07_MF
	25546	GM_M30_A2_C08	GM_M30_A2_C08_MF
30	25547	GM_M30_A2_C09	GM_M30_A2_C09_MF
	25548	GM_M30_A2_C10	GM_M30_A2_C10_MF
	25549	GM_M30_A2_C11	GM_M30_A2_C11_MF
	25550	GM_M30_A2_C12	GM_M30_A2_C12_MF
	25551	GM_M30_A2_D01	GM_M30_A2_D01_MF
35	25552	GM_M30_A2_D02	GM_M30_A2_D02_MF
	25553	GM_M30_A2_D03	GM_M30_A2_D03_MF
	25554	GM_M30_A2_D04	GM_M30_A2_D04_MF
	25555	GM_M30_A2_D05	GM_M30_A2_D05_MF
	25556	GM_M30_A2_D06	GM_M30_A2_D06_MF
40	25557	GM_M30_A2_D07	GM_M30_A2_D07_MF
	25558	GM_M30_A2_D08	GM_M30_A2_D08_MF
	25559	GM_M30_A2_D09	GM_M30_A2_D09_MF
	25560	GM_M30_A2_D10	GM_M30_A2_D10_MF
	25561	GM_M30_A2_D11	GM_M30_A2_D11_MF
45	25562	GM_M30_A2_D12	GM_M30_A2_D12_MF
	25563	GM_M30_A2_E01	GM_M30_A2_E01_MF
	25564	GM_M30_A2_E02	GM_M30_A2_E02_MF
	25565	GM_M30_A2_E03	GM_M30_A2_E03_MF
	25566	GM_M30_A2_E04	GM_M30_A2_E04_MF
50	25567	GM_M30_A2_E05	GM_M30_A2_E05_MF
	25568	GM_M30_A2_E06	GM_M30_A2_E06_MF
	25569	GM_M30_A2_E07	GM_M30_A2_E07_MF
	25570	GM_M30_A2_E08	GM_M30_A2_E08_MF
	25571	GM_M30_A2_E09	GM_M30_A2_E09_MF
55	25572	GM_M30_A2_E10	GM_M30_A2_E10_MF

	25573	GM_M30_A2_E11	GM_M30_A2_E11_MF	
	25574	GM_M30_A2_E12	GM_M30_A2_E12_MF	
	25575	GM_M30_A2_F01	GM_M30_A2_F01_MF	
	25576	GM_M30_A2_F02	GM_M30_A2_F02_MF	
5	25577	GM_M30_A2_F03	GM_M30_A2_F03_MF	
	25578	GM_M30_A2_F04	GM_M30_A2_F04_MF	
	25579	GM_M30_A2_F05	GM_M30_A2_F05_MF	
	25580	GM_M30_A2_F06	GM_M30_A2_F06_MF	
	25581	GM_M30_A2_F07	GM_M30_A2_F07_MF	
10	25582	GM_M30_A2_F08	GM_M30_A2_F08_MF	
	25583	GM_M30_A2_F09	GM_M30_A2_F09_MF	
	25584	GM_M30_A2_F10	GM_M30_A2_F10_MF	
	25585	GM_M30_A2_F11	GM_M30_A2_F11_MF	
	25586	GM_M30_A2_F12	GM_M30_A2_F12_MF	
15	25587	GM_M30_A2_G01	GM_M30_A2_G01_MF	
	25588	GM_M30_A2_G02	GM_M30_A2_G02_MF	
	25589	GM_M30_A2_G03	GM_M30_A2_G03_MF	
	25590	GM_M30_A2_G04	GM_M30_A2_G04_MF	
	25591	GM_M30_A2_G05	GM_M30_A2_G05_MF	
20	25592	GM_M30_A2_G06	GM_M30_A2_G06_MF	
	25593	GM_M30_A2_G07	GM_M30_A2_G07_MF	
	25594	GM_M30_A2_G08	GM_M30_A2_G08_MF	
	25595	GM_M30_A2_G09	GM_M30_A2_G09_MF	
	25596	GM_M30_A2_G10	GM_M30_A2_G10_MF	
25	25597	GM_M30_A2_G11	GM_M30_A2_G11_MF	
	25598	GM_M30_A2_G12	GM_M30_A2_G12_MF	
	25599	GM_M30_A2_H01	GM_M30_A2_H01_MF	
	25600	GM_M30_A2_H02	GM_M30_A2_H02_MF	
	25601	GM_M30_A2_H03	GM_M30_A2_H03_MF	
30	25602	GM_M30_A2_H04	GM_M30_A2_H04_MF	
	25603	GM_M30_A2_H05	GM_M30_A2_H05_MF	
	25604	GM_M30_A2_H06	GM_M30_A2_H06_MF	
	25605	GM_M30_A2_H07	GM_M30_A2_H07_MF	
	25606	GM_M30_A2_H08	GM_M30_A2_H08_MF	
35	25607	GM_M30_A2_H09	GM_M30_A2_H09_MF	
	25608	GM_M30_A2_H10	GM_M30_A2_H10_MF	
	25609	GM_M30_A2_H11	GM_M30_A2_H11_MF	
	25610	GM_M30_A2_H12	GM_M30_A2_H12_MF	
	25611	GM_M30_B1_A01	GM_M30_B1_A01_MF	
40	25612	GM_M30_B1_A03	GM_M30_B1_A03_MF	
	25613	GM_M30_B1_A03		GM_M30_B1_A03_MR
	25614	GM_M30_B1_A04	GM_M30_B1_A04_MF	
	25615	GM_M30_B1_A04		GM_M30_B1_A04_MR
	25616	GM_M30_B1_A05	GM_M30_B1_A05_MF	
45	25617	GM_M30_B1_A05		GM_M30_B1_A05_MR
	25618	GM_M30_B1_A06	GM_M30_B1_A06_MF	
	25619	GM_M30_B1_A07	GM_M30_B1_A07_MF	
	25620	GM_M30_B1_A08	GM_M30_B1_A08_MF	
	25621	GM_M30_B1_A09	GM_M30_B1_A09_MF	
50	25622	GM_M30_B1_A10	GM_M30_B1_A10_MF	
	25623	GM_M30_B1_A10		GM_M30_B1_A10_MR
	25624	GM_M30_B1_A11	GM_M30_B1_A11_MF	
	25625	GM_M30_B1_A12	GM_M30_B1_A12_MF	
	25626	GM_M30_B1_A12		GM_M30_B1_A12_MR
55	25627	GM_M30_B1_B01	GM_M30_B1_B01_MF	

	25628	GM_M30_B1_B02	GM_M30_B1_B02_MF	
	25629	GM_M30_B1_B02		GM_M30_B1_B02_MR
	25630	GM_M30_B1_B03	GM_M30_B1_B03_MF	
	25631	GM_M30_B1_B03		GM_M30_B1_B03_MR
5	25632	GM_M30_B1_B04	GM_M30_B1_B04_MF	
	25633	GM_M30_B1_B04		GM_M30_B1_B04_MR
	25634	GM_M30_B1_B05	GM_M30_B1_B05_MF	
	25635	GM_M30_B1_B05		GM_M30_B1_B05_MR
	25636	GM_M30_B1_B06	GM_M30_B1_B06_MF	
10	25637	GM_M30_B1_B06		GM_M30_B1_B06_MR
	25638	GM_M30_B1_B07	GM_M30_B1_B07_MF	
	25639	GM_M30_B1_B07		GM_M30_B1_B07_MR
	25640	GM_M30_B1_B08	GM_M30_B1_B08_MF	
	25641	GM_M30_B1_B08		GM_M30_B1_B08_MR
15	25642	GM_M30_B1_B09	GM_M30_B1_B09_MF	
	25643	GM_M30_B1_B09		GM_M30_B1_B09_MR
	25644	GM_M30_B1_B10	GM_M30_B1_B10_MF	
	25645	GM_M30_B1_B10		GM_M30_B1_B10_MR
	25646	GM_M30_B1_B11	GM_M30_B1_B11_MF	
20	25647	GM_M30_B1_B11		GM_M30_B1_B11_MR
	25648	GM_M30_B1_B12	GM_M30_B1_B12_MF	
	25649	GM_M30_B1_C01	GM_M30_B1_C01_MF	
	25650	GM_M30_B1_C02	GM_M30_B1_C02_MF	
	25651	GM_M30_B1_C02		GM_M30_B1_C02_MR
25	25652	GM_M30_B1_C03	GM_M30_B1_C03_MF	
	25653	GM_M30_B1_C03		GM_M30_B1_C03_MR
	25654	GM_M30_B1_C04	GM_M30_B1_C04_MF	
	25655	GM_M30_B1_C04		GM_M30_B1_C04_MR
	25656	GM_M30_B1_C05	GM_M30_B1_C05_MF	
30	25657	GM_M30_B1_C06	GM_M30_B1_C06_MF	
	25658	GM_M30_B1_C06		GM_M30_B1_C06_MR
	25659	GM_M30_B1_C07	GM_M30_B1_C07_MF	
	25660	GM_M30_B1_C07		GM_M30_B1_C07_MR
	25661	GM_M30_B1_C08	GM_M30_B1_C08_MF	
35	25662	GM_M30_B1_C08		GM_M30_B1_C08_MR
	25663	GM_M30_B1_C09	GM_M30_B1_C09_MF	
	25664	GM_M30_B1_C09		GM_M30_B1_C09_MR
	25665	GM_M30_B1_C10	GM_M30_B1_C10_MF	
	25666	GM_M30_B1_C10		GM_M30_B1_C10_MR
40	25667	GM_M30_B1_C11	GM_M30_B1_C11_MF	
	25668	GM_M30_B1_C11		GM_M30_B1_C11_MR
	25669	GM_M30_B1_C12	GM_M30_B1_C12_MF	
	25670	GM_M30_B1_D01	GM_M30_B1_D01_MF	
	25671	GM_M30_B1_D02	GM_M30_B1_D02_MF	
45	25672	GM_M30_B1_D03	GM_M30_B1_D03_MF	
	25673	GM_M30_B1_D03		GM_M30_B1_D03_MR
	25674	GM_M30_B1_D04	GM_M30_B1_D04_MF	
	25675	GM_M30_B1_D04		GM_M30_B1_D04_MR
	25676	GM_M30_B1_D05	GM_M30_B1_D05_MF	
50	25677	GM_M30_B1_D06	GM_M30_B1_D06_MF	
	25678	GM_M30_B1_D06		GM_M30_B1_D06_MR
	25679	GM_M30_B1_D07	GM_M30_B1_D07_MF	
	25680	GM_M30_B1_D07		GM_M30_B1_D07_MR
	25681	GM_M30_B1_D08	GM_M30_B1_D08_MF	
55	25682	GM_M30_B1_D09	GM_M30_B1_D09_MF	

	25683	GM_M30_B1_D09		GM_M30_B1_D09_MR
	25684	GM_M30_B1_D10	GM_M30_B1_D10_MF	
	25685	GM_M30_B1_D10		GM_M30_B1_D10_MR
	25686	GM_M30_B1_D11	GM_M30_B1_D11_MF	
5	25687	GM_M30_B1_D11		GM_M30_B1_D11_MR
	25688	GM_M30_B1_D12	GM_M30_B1_D12_MF	
	25689	GM_M30_B1_D12		GM_M30_B1_D12_MR
	25690	GM_M30_B1_E01	GM_M30_B1_E01_MF	
	25691	GM_M30_B1_E02	GM_M30_B1_E02_MF	
10	25692	GM_M30_B1_E03	GM_M30_B1_E03_MF	
	25693	GM_M30_B1_E03		GM_M30_B1_E03_MR
	25694	GM_M30_B1_E04	GM_M30_B1_E04_MF	
	25695	GM_M30_B1_E04		GM_M30_B1_E04_MR
	25696	GM_M30_B1_E05	GM_M30_B1_E05_MF	
15	25697	GM_M30_B1_E06	GM_M30_B1_E06_MF	
	25698	GM_M30_B1_E07	GM_M30_B1_E07_MF	
	25699	GM_M30_B1_E08	GM_M30_B1_E08_MF	
	25700	GM_M30_B1_E08		GM_M30_B1_E08_MR
	25701	GM_M30_B1_E09	GM_M30_B1_E09_MF	
20	25702	GM_M30_B1_E10	GM_M30_B1_E10_MF	
	25703	GM_M30_B1_E10		GM_M30_B1_E10_MR
	25704	GM_M30_B1_E11	GM_M30_B1_E11_MF	
	25705	GM_M30_B1_E12	GM_M30_B1_E12_MF	
	25706	GM_M30_B1_E12		GM_M30_B1_E12_MR
25	25707	GM_M30_B1_F01	GM_M30_B1_F01_MF	
	25708	GM_M30_B1_F02	GM_M30_B1_F02_MF	
	25709	GM_M30_B1_F02		GM_M30_B1_F02_MR
	25710	GM_M30_B1_F03	GM_M30_B1_F03_MF	
	25711	GM_M30_B1_F03		GM_M30_B1_F03_MR
30	25712	GM_M30_B1_F04	GM_M30_B1_F04_MF	
	25713	GM_M30_B1_F04		GM_M30_B1_F04_MR
	25714	GM_M30_B1_F05	GM_M30_B1_F05_MF	
	25715	GM_M30_B1_F05		GM_M30_B1_F05_MR
	25716	GM_M30_B1_F06	GM_M30_B1_F06_MF	
35	25717	GM_M30_B1_F06		GM_M30_B1_F06_MR
	25718	GM_M30_B1_F07	GM_M30_B1_F07_MF	
	25719	GM_M30_B1_F08	GM_M30_B1_F08_MF	
	25720	GM_M30_B1_F09	GM_M30_B1_F09_MF	
	25721	GM_M30_B1_F09		GM_M30_B1_F09_MR
40	25722	GM_M30_B1_F10	GM_M30_B1_F10_MF	
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	25724	GM_M30_B1_F11	GM_M30_B1_F11_MF	
	25725	GM_M30_B1_F11		GM_M30_B1_F11_MR
	25726	GM_M30_B1_F12	GM_M30_B1_F12_MF	
45	25727	GM_M30_B1_F12		GM_M30_B1_F12_MR
	25728	GM_M30_B1_G01	GM_M30_B1_G01_MF	
	25729	GM_M30_B1_G02	GM_M30_B1_G02_MF	
	25730	GM_M30_B1_G02		GM_M30_B1_G02_MR
	25731	GM_M30_B1_G03	GM_M30_B1_G03_MF	
50	25732	GM_M30_B1_G03		GM_M30_B1_G03_MR
	25733	GM_M30_B1_G04	GM_M30_B1_G04_MF	
	25734	GM_M30_B1_G04		GM_M30_B1_G04_MR
	25735	GM_M30_B1_G05	GM_M30_B1_G05_MF	
	25736	GM_M30_B1_G06	GM_M30_B1_G06_MF	
55	25737	GM_M30_B1_G06		GM_M30_B1_G06_MR

	25738	GM_M30_B1_G07	GM_M30_B1_G07_MF	
	25739	GM_M30_B1_G08	GM_M30_B1_G08_MF	
	25740	GM_M30_B1_G08		GM_M30_B1_G08_MR
	25741	GM_M30_B1_G09	GM_M30_B1_G09_MF	
5	25742	GM_M30_B1_G09		GM_M30_B1_G09_MR
	25743	GM_M30_B1_G10	GM_M30_B1_G10_MF	
	25744	GM_M30_B1_G11	GM_M30_B1_G11_MF	
	25745	GM_M30_B1_G11		GM_M30_B1_G11_MR
	25746	GM_M30_B1_G12	GM_M30_B1_G12_MF	
10	25747	GM_M30_B1_G12		GM_M30_B1_G12_MR
	25748	GM_M30_B1_H01	GM_M30_B1_H01_MF	
	25749	GM_M30_B1_H02	GM_M30_B1_H02_MF	
	25750	GM_M30_B1_H02		GM_M30_B1_H02_MR
	25751	GM_M30_B1_H03	GM_M30_B1_H03_MF	
15	25752	GM_M30_B1_H03		GM_M30_B1_H03_MR
	25753	GM_M30_B1_H04	GM_M30_B1_H04_MF	
	25754	GM_M30_B1_H04		GM_M30_B1_H04_MR
	25755	GM_M30_B1_H05	GM_M30_B1_H05_MF	
	25756	GM_M30_B1_H05		GM_M30_B1_H05_MR
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	25759	GM_M30_B1_H07	GM_M30_B1_H07_MF	
	25760	GM_M30_B1_H08	GM_M30_B1_H08_MF	
	25761	GM_M30_B1_H08		GM_M30_B1_H08_MR
25	25762	GM_M30_B1_H09	GM_M30_B1_H09_MF	
	25763	GM_M30_B1_H09		GM_M30_B1_H09_MR
	25764	GM_M30_B1_H10	GM_M30_B1_H10_MF	
	25765	GM_M30_B1_H10		GM_M30_B1_H10_MR
	25766	GM_M30_B1_H11	GM_M30_B1_H11_MF	
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	25768	GM_M30_B1_H12	GM_M30_B1_H12_MF	
	25769	GM_M30_B2_A01	GM_M30_B2_A01_MF	
	25770	GM_M30_B2_A02	GM_M30_B2_A02_MF	
	25771	GM_M30_B2_A03		GM_M30_B2_A03_MR
35	25772	GM_M30_B2_A04	GM_M30_B2_A04_MF	
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	25774	GM_M30_B2_A05		GM_M30_B2_A05_MR
	25775	GM_M30_B2_A06	GM_M30_B2_A06_MF	
	25776	GM_M30_B2_A07		GM_M30_B2_A07_MR
40	25777	GM_M30_B2_A08	GM_M30_B2_A08_MF	
	25778	GM_M30_B2_A09	GM_M30_B2_A09_MF	
	25779	GM_M30_B2_A10		GM_M30_B2_A10_MR
	25780	GM_M30_B2_A12	GM_M30_B2_A12_MF	
	25781	GM_M30_B2_A12		GM_M30_B2_A12_MR
45	25782	GM_M30_B2_B01	GM_M30_B2_B01_MF	
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	25784	GM_M30_B2_B02	GM_M30_B2_B02_MF	
	25785	GM_M30_B2_B02		GM_M30_B2_B02_MR
	25786	GM_M30_B2_B03	GM_M30_B2_B03_MF	
50	25787	GM_M30_B2_B03		GM_M30_B2_B03_MR
	25788	GM_M30_B2_B04	GM_M30_B2_B04_MF	
	25789	GM_M30_B2_B04		GM_M30_B2_B04_MR
	25790	GM_M30_B2_B05	GM_M30_B2_B05_MF	
	25791	GM_M30_B2_B05		GM_M30_B2_B05_MR
55	25792	GM_M30_B2_B07	GM_M30_B2_B07_MF	

	25793	GM_M30_B2_B07		GM_M30_B2_B07_MR
	25794	GM_M30_B2_B08	GM_M30_B2_B08_MF	
	25795	GM_M30_B2_B08		GM_M30_B2_B08_MR
	25796	GM_M30_B2_B09	GM_M30_B2_B09_MF	
5	25797	GM_M30_B2_B09		GM_M30_B2_B09_MR
	25798	GM_M30_B2_B10		GM_M30_B2_B10_MR
	25799	GM_M30_B2_B11	GM_M30_B2_B11_MF	
	25800	GM_M30_B2_B11		GM_M30_B2_B11_MR
	25801	GM_M30_B2_B12	GM_M30_B2_B12_MF	
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	25803	GM_M30_B2_C01		GM_M30_B2_C01_MR
	25804	GM_M30_B2_C02	GM_M30_B2_C02_MF	
	25805	GM_M30_B2_C02		GM_M30_B2_C02_MR
	25806	GM_M30_B2_C03	GM_M30_B2_C03_MF	
15	25807	GM_M30_B2_C03		GM_M30_B2_C03_MR
	25808	GM_M30_B2_C04	GM_M30_B2_C04_MF	
	25809	GM_M30_B2_C04		GM_M30_B2_C04_MR
	25810	GM_M30_B2_C05	GM_M30_B2_C05_MF	
	25811	GM_M30_B2_C05		GM_M30_B2_C05_MR
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	25813	GM_M30_B2_C06		GM_M30_B2_C06_MR
	25814	GM_M30_B2_C07	GM_M30_B2_C07_MF	
	25815	GM_M30_B2_C07		GM_M30_B2_C07_MR
	25816	GM_M30_B2_C08	GM_M30_B2_C08_MF	
25	25817	GM_M30_B2_C08		GM_M30_B2_C08_MR
	25818	GM_M30_B2_C09	GM_M30_B2_C09_MF	
	25819	GM_M30_B2_C09		GM_M30_B2_C09_MR
	25820	GM_M30_B2_C10	GM_M30_B2_C10_MF	
	25821	GM_M30_B2_C10		GM_M30_B2_C10_MR
30	25822	GM_M30_B2_C11	GM_M30_B2_C11_MF	
	25823	GM_M30_B2_C11		GM_M30_B2_C11_MR
	25824	GM_M30_B2_C12		GM_M30_B2_C12_MR
	25825	GM_M30_B2_D02		GM_M30_B2_D02_MR
	25826	GM_M30_B2_D08	GM_M30_B2_D08_MF	
35	25827	GM_M30_B2_D08		GM_M30_B2_D08_MR
	25828	GM_M30_B2_D09	GM_M30_B2_D09_MF	
	25829	GM_M30_B2_D09		GM_M30_B2_D09_MR
	25830	GM_M30_B2_D10		GM_M30_B2_D10_MR
	25831	GM_M30_B2_D11	GM_M30_B2_D11_MF	
40	25832	GM_M30_B2_D11		GM_M30_B2_D11_MR
	25833	GM_M30_B2_D12	GM_M30_B2_D12_MF	
	25834	GM_M30_B2_E01	GM_M30_B2_E01_MF	
	25835	GM_M30_B2_E01		GM_M30_B2_E01_MR
	25836	GM_M30_B2_E02	GM_M30_B2_E02_MF	
45	25837	GM_M30_B2_E02		GM_M30_B2_E02_MR
	25838	GM_M30_B2_E03	GM_M30_B2_E03_MF	
	25839	GM_M30_B2_E03		GM_M30_B2_E03_MR
	25840	GM_M30_B2_E04	GM_M30_B2_E04_MF	
	25841	GM_M30_B2_E04		GM_M30_B2_E04_MR
50	25842	GM_M30_B2_E05		GM_M30_B2_E05_MR
	25843	GM_M30_B2_E06	GM_M30_B2_E06_MF	
	25844	GM_M30_B2_E06		GM_M30_B2_E06_MR
	25845	GM_M30_B2_E09	GM_M30_B2_E09_MF	
	25846	GM_M30_B2_E09		GM_M30_B2_E09_MR
55	25847	GM_M30_B2_E10		GM_M30_B2_E10_MR

	25848	GM_M30_B2_E11	GM_M30_B2_E11_MF	
	25849	GM_M30_B2_E12	GM_M30_B2_E12_MF	
	25850	GM_M30_B2_F01	GM_M30_B2_F01_MF	
	25851	GM_M30_B2_F01		GM_M30_B2_F01_MR
5	25852	GM_M30_B2_F02	GM_M30_B2_F02_MF	
	25853	GM_M30_B2_F02		GM_M30_B2_F02_MR
	25854	GM_M30_B2_F03	GM_M30_B2_F03_MF	
	25855	GM_M30_B2_F03		GM_M30_B2_F03_MR
	25856	GM_M30_B2_F04	GM_M30_B2_F04_MF	
10	25857	GM_M30_B2_F04		GM_M30_B2_F04_MR
	25858	GM_M30_B2_F05	GM_M30_B2_F05_MF	
	25859	GM_M30_B2_F05		GM_M30_B2_F05_MR
	25860	GM_M30_B2_F07	GM_M30_B2_F07_MF	
	25861	GM_M30_B2_F07		GM_M30_B2_F07_MR
15	25862	GM_M30_B2_F08	GM_M30_B2_F08_MF	
	25863	GM_M30_B2_F08		GM_M30_B2_F08_MR
	25864	GM_M30_B2_F09		GM_M30_B2_F09_MR
	25865	GM_M30_B2_F10	GM_M30_B2_F10_MF	
	25866	GM_M30_B2_F10		GM_M30_B2_F10_MR
20	25867	GM_M30_B2_F12	GM_M30_B2_F12_MF	
	25868	GM_M30_B2_F12		GM_M30_B2_F12_MR
	25869	GM_M30_B2_G01	GM_M30_B2_G01_MF	
	25870	GM_M30_B2_G01		GM_M30_B2_G01_MR
	25871	GM_M30_B2_G02	GM_M30_B2_G02_MF	
25	25872	GM_M30_B2_G02		GM_M30_B2_G02_MR
	25873	GM_M30_B2_G03	GM_M30_B2_G03_MF	
	25874	GM_M30_B2_G03		GM_M30_B2_G03_MR
	25875	GM_M30_B2_G04	GM_M30_B2_G04_MF	
	25876	GM_M30_B2_G04		GM_M30_B2_G04_MR
30	25877	GM_M30_B2_G05	GM_M30_B2_G05_MF	
	25878	GM_M30_B2_G05		GM_M30_B2_G05_MR
	25879	GM_M30_B2_G06	GM_M30_B2_G06_MF	
	25880	GM_M30_B2_G07	GM_M30_B2_G07_MF	
	25881	GM_M30_B2_G07		GM_M30_B2_G07_MR
35	25882	GM_M30_B2_G08	GM_M30_B2_G08_MF	
	25883	GM_M30_B2_G08		GM_M30_B2_G08_MR
	25884	GM_M30_B2_G09	GM_M30_B2_G09_MF	
	25885	GM_M30_B2_G11	GM_M30_B2_G11_MF	
	25886	GM_M30_B2_G11		GM_M30_B2_G11_MR
40	25887	GM_M30_B2_G12		GM_M30_B2_G12_MR
	25888	GM_M30_B2_H01	GM_M30_B2_H01_MF	
	25889	GM_M30_B2_H03	GM_M30_B2_H03_MF	
	25890	GM_M30_B2_H03		GM_M30_B2_H03_MR
	25891	GM_M30_B2_H04	GM_M30_B2_H04_MF	
45	25892	GM_M30_B2_H04		GM_M30_B2_H04_MR
	25893	GM_M30_B2_H05	GM_M30_B2_H05_MF	
	25894	GM_M30_B2_H05		GM_M30_B2_H05_MR
	25895	GM_M30_B2_H07	GM_M30_B2_H07_MF	
	25896	GM_M30_B2_H07		GM_M30_B2_H07_MR
50	25897	GM_M30_B2_H11	GM_M30_B2_H11_MF	
	25898	GM_M30_B2_H11		GM_M30_B2_H11_MR
	25899	GM_M30_B2_H12		GM_M30_B2_H12_MR
	25900	GM_M31_A1_A01		GM_M31_A1_A01_MR
	25901	GM_M31_A1_A02		GM_M31_A1_A02_MR
55	25902	GM_M31_A1_A03		GM_M31_A1_A03_MR

	25903	GM_M31_A1_A04	GM_M31_A1_A04_MR
	25904	GM_M31_A1_A05	GM_M31_A1_A05_MR
	25905	GM_M31_A1_A06	GM_M31_A1_A06_MR
	25906	GM_M31_A1_A07	GM_M31_A1_A07_MR
5	25907	GM_M31_A1_A08	GM_M31_A1_A08_MR
	25908	GM_M31_A1_A09	GM_M31_A1_A09_MR
	25909	GM_M31_A1_A10	GM_M31_A1_A10_MR
	25910	GM_M31_A1_A11	GM_M31_A1_A11_MR
	25911	GM_M31_A1_A12	GM_M31_A1_A12_MR
10	25912	GM_M31_A1_B01	GM_M31_A1_B01_MR
	25913	GM_M31_A1_B02	GM_M31_A1_B02_MR
	25914	GM_M31_A1_B03	GM_M31_A1_B03_MR
	25915	GM_M31_A1_B04	GM_M31_A1_B04_MR
	25916	GM_M31_A1_B05	GM_M31_A1_B05_MR
15	25917	GM_M31_A1_B06	GM_M31_A1_B06_MR
	25918	GM_M31_A1_B07	GM_M31_A1_B07_MR
	25919	GM_M31_A1_B08	GM_M31_A1_B08_MR
	25920	GM_M31_A1_B09	GM_M31_A1_B09_MR
	25921	GM_M31_A1_B10	GM_M31_A1_B10_MR
20	25922	GM_M31_A1_B11	GM_M31_A1_B11_MR
	25923	GM_M31_A1_B12	GM_M31_A1_B12_MR
	25924	GM_M31_A1_C01	GM_M31_A1_C01_MR
	25925	GM_M31_A1_C02	GM_M31_A1_C02_MR
	25926	GM_M31_A1_C03	GM_M31_A1_C03_MR
25	25927	GM_M31_A1_C04	GM_M31_A1_C04_MR
	25928	GM_M31_A1_C05	GM_M31_A1_C05_MR
	25929	GM_M31_A1_C06	GM_M31_A1_C06_MR
	25930	GM_M31_A1_C07	GM_M31_A1_C07_MR
	25931	GM_M31_A1_C08	GM_M31_A1_C08_MR
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	25933	GM_M31_A1_C10	GM_M31_A1_C10_MR
	25934	GM_M31_A1_C11	GM_M31_A1_C11_MR
	25935	GM_M31_A1_C12	GM_M31_A1_C12_MR
	25936	GM_M31_A1_D01	GM_M31_A1_D01_MR
35	25937	GM_M31_A1_D02	GM_M31_A1_D02_MR
	25938	GM_M31_A1_D03	GM_M31_A1_D03_MR
	25939	GM_M31_A1_D04	GM_M31_A1_D04_MR
	25940	GM_M31_A1_D05	GM_M31_A1_D05_MR
	25941	GM_M31_A1_D06	GM_M31_A1_D06_MR
40	25942	GM_M31_A1_D07	GM_M31_A1_D07_MR
	25943	GM_M31_A1_D08	GM_M31_A1_D08_MR
	25944	GM_M31_A1_D09	GM_M31_A1_D09_MR
	25945	GM_M31_A1_D10	GM_M31_A1_D10_MR
	25946	GM_M31_A1_D11	GM_M31_A1_D11_MR
45	25947	GM_M31_A1_D12	GM_M31_A1_D12_MR
	25948	GM_M31_A1_E01	GM_M31_A1_E01_MR
	25949	GM_M31_A1_E02	GM_M31_A1_E02_MR
	25950	GM_M31_A1_E03	GM_M31_A1_E03_MR
	25951	GM_M31_A1_E04	GM_M31_A1_E04_MR
50	25952	GM_M31_A1_E05	GM_M31_A1_E05_MR
	25953	GM_M31_A1_E06	GM_M31_A1_E06_MF
	25954	GM_M31_A1_E06	GM_M31_A1_E06_MR
	25955	GM_M31_A1_E07	GM_M31_A1_E07_MF
	25956	GM_M31_A1_E07	GM_M31_A1_E07_MR
55	25957	GM_M31_A1_E08	GM_M31_A1_E08_MF

	25958	GM_M31_A1_E08		GM_M31_A1_E08_MR
	25959	GM_M31_A1_E09	GM_M31_A1_E09_MF	
	25960	GM_M31_A1_E09		GM_M31_A1_E09_MR
	25961	GM_M31_A1_E10	GM_M31_A1_E10_MF	
5	25962	GM_M31_A1_E10		GM_M31_A1_E10_MR
	25963	GM_M31_A1_E11	GM_M31_A1_E11_MF	
	25964	GM_M31_A1_E11		GM_M31_A1_E11_MR
	25965	GM_M31_A1_E12	GM_M31_A1_E12_MF	
	25966	GM_M31_A1_E12		GM_M31_A1_E12_MR
10	25967	GM_M31_A1_F01	GM_M31_A1_F01_MF	
	25968	GM_M31_A1_F01		GM_M31_A1_F01_MR
	25969	GM_M31_A1_F02	GM_M31_A1_F02_MF	
	25970	GM_M31_A1_F02		GM_M31_A1_F02_MR
	25971	GM_M31_A1_F03	GM_M31_A1_F03_MF	
15	25972	GM_M31_A1_F03		GM_M31_A1_F03_MR
	25973	GM_M31_A1_F04	GM_M31_A1_F04_MF	
	25974	GM_M31_A1_F04		GM_M31_A1_F04_MR
	25975	GM_M31_A1_F05	GM_M31_A1_F05_MF	
	25976	GM_M31_A1_F05		GM_M31_A1_F05_MR
20	25977	GM_M31_A1_F06	GM_M31_A1_F06_MF	
	25978	GM_M31_A1_F06		GM_M31_A1_F06_MR
	25979	GM_M31_A1_F07	GM_M31_A1_F07_MF	
	25980	GM_M31_A1_F07		GM_M31_A1_F07_MR
	25981	GM_M31_A1_F08	GM_M31_A1_F08_MF	
25	25982	GM_M31_A1_F08		GM_M31_A1_F08_MR
	25983	GM_M31_A1_F09	GM_M31_A1_F09_MF	
	25984	GM_M31_A1_F09		GM_M31_A1_F09_MR
	25985	GM_M31_A1_F10	GM_M31_A1_F10_MF	
	25986	GM_M31_A1_F10		GM_M31_A1_F10_MR
30	25987	GM_M31_A1_F11	GM_M31_A1_F11_MF	
	25988	GM_M31_A1_F11		GM_M31_A1_F11_MR
	25989	GM_M31_A1_F12	GM_M31_A1_F12_MF	
	25990	GM_M31_A1_F12		GM_M31_A1_F12_MR
	25991	GM_M31_A1_G01	GM_M31_A1_G01_MF	
35	25992	GM_M31_A1_G01		GM_M31_A1_G01_MR
	25993	GM_M31_A1_G02	GM_M31_A1_G02_MF	
	25994	GM_M31_A1_G02		GM_M31_A1_G02_MR
	25995	GM_M31_A1_G03	GM_M31_A1_G03_MF	
	25996	GM_M31_A1_G03		GM_M31_A1_G03_MR
40	25997	GM_M31_A1_G04	GM_M31_A1_G04_MF	
	25998	GM_M31_A1_G04		GM_M31_A1_G04_MR
	25999	GM_M31_A1_G05	GM_M31_A1_G05_MF	
	26000	GM_M31_A1_G05		GM_M31_A1_G05_MR
	26001	GM_M31_A1_G06	GM_M31_A1_G06_MF	
45	26002	GM_M31_A1_G06		GM_M31_A1_G06_MR
	26003	GM_M31_A1_G07	GM_M31_A1_G07_MF	
	26004	GM_M31_A1_G07		GM_M31_A1_G07_MR
	26005	GM_M31_A1_G08	GM_M31_A1_G08_MF	
	26006	GM_M31_A1_G08		GM_M31_A1_G08_MR
50	26007	GM_M31_A1_G09	GM_M31_A1_G09_MF	
	26008	GM_M31_A1_G09		GM_M31_A1_G09_MR
	26009	GM_M31_A1_G10	GM_M31_A1_G10_MF	
	26010	GM_M31_A1_G10		GM_M31_A1_G10_MR
	26011	GM_M31_A1_G11	GM_M31_A1_G11_MF	
55	26012	GM_M31_A1_G11		GM_M31_A1_G11_MR

	26013	GM_M31_A1_G12	GM_M31_A1_G12_MF	
	26014	GM_M31_A1_G12		GM_M31_A1_G12_MR
	26015	GM_M31_A1_H01	GM_M31_A1_H01_MF	
	26016	GM_M31_A1_H01		GM_M31_A1_H01_MR
5	26017	GM_M31_A1_H02	GM_M31_A1_H02_MF	
	26018	GM_M31_A1_H02		GM_M31_A1_H02_MR
	26019	GM_M31_A1_H03	GM_M31_A1_H03_MF	
	26020	GM_M31_A1_H03		GM_M31_A1_H03_MR
	26021	GM_M31_A1_H04	GM_M31_A1_H04_MF	
10	26022	GM_M31_A1_H04		GM_M31_A1_H04_MR
	26023	GM_M31_A1_H05	GM_M31_A1_H05_MF	
	26024	GM_M31_A1_H05		GM_M31_A1_H05_MR
	26025	GM_M31_A1_H06	GM_M31_A1_H06_MF	
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15	26027	GM_M31_A1_H07	GM_M31_A1_H07_MF	
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	26029	GM_M31_A1_H09	GM_M31_A1_H09_MF	
	26030	GM_M31_A1_H09		GM_M31_A1_H09_MR
	26031	GM_M31_A1_H10	GM_M31_A1_H10_MF	
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	26033	GM_M31_A1_H11	GM_M31_A1_H11_MF	
	26034	GM_M31_A1_H11		GM_M31_A1_H11_MR
	26035	GM_M31_A1_H12	GM_M31_A1_H12_MF	
	26036	GM_M31_A1_H12		GM_M31_A1_H12_MR
25	26037	GM_M31_A2_A01	GM_M31_A2_A01_MF	
	26038	GM_M31_A2_A02	GM_M31_A2_A02_MF	
	26039	GM_M31_A2_A02		GM_M31_A2_A02_MR
	26040	GM_M31_A2_A03	GM_M31_A2_A03_MF	
	26041	GM_M31_A2_A03		GM_M31_A2_A03_MR
30	26042	GM_M31_A2_A04	GM_M31_A2_A04_MF	
	26043	GM_M31_A2_A05	GM_M31_A2_A05_MF	
	26044	GM_M31_A2_A05		GM_M31_A2_A05_MR
	26045	GM_M31_A2_A06	GM_M31_A2_A06_MF	
	26046	GM_M31_A2_A07	GM_M31_A2_A07_MF	
35	26047	GM_M31_A2_A07		GM_M31_A2_A07_MR
	26048	GM_M31_A2_A08	GM_M31_A2_A08_MF	
	26049	GM_M31_A2_A08		GM_M31_A2_A08_MR
	26050	GM_M31_A2_A09	GM_M31_A2_A09_MF	
	26051	GM_M31_A2_A09		GM_M31_A2_A09_MR
40	26052	GM_M31_A2_A10	GM_M31_A2_A10_MF	
	26053	GM_M31_A2_A10		GM_M31_A2_A10_MR
	26054	GM_M31_A2_A11	GM_M31_A2_A11_MF	
	26055	GM_M31_A2_A11		GM_M31_A2_A11_MR
	26056	GM_M31_A2_A12	GM_M31_A2_A12_MF	
45	26057	GM_M31_A2_A12		GM_M31_A2_A12_MR
	26058	GM_M31_A2_B01	GM_M31_A2_B01_MF	
	26059	GM_M31_A2_B01		GM_M31_A2_B01_MR
	26060	GM_M31_A2_B02	GM_M31_A2_B02_MF	
	26061	GM_M31_A2_B02		GM_M31_A2_B02_MR
50	26062	GM_M31_A2_B03	GM_M31_A2_B03_MF	
	26063	GM_M31_A2_B03		GM_M31_A2_B03_MR
	26064	GM_M31_A2_B04	GM_M31_A2_B04_MF	
	26065	GM_M31_A2_B04		GM_M31_A2_B04_MR
	26066	GM_M31_A2_B05	GM_M31_A2_B05_MF	
55	26067	GM_M31_A2_B05		GM_M31_A2_B05_MR

	26068	GM_M31_A2_B06	GM_M31_A2_B06_MF	
	26069	GM_M31_A2_B07	GM_M31_A2_B07_MF	
	26070	GM_M31_A2_B07		GM_M31_A2_B07_MR
	26071	GM_M31_A2_B08	GM_M31_A2_B08_MF	
5	26072	GM_M31_A2_B08		GM_M31_A2_B08_MR
	26073	GM_M31_A2_B09	GM_M31_A2_B09_MF	
	26074	GM_M31_A2_B10	GM_M31_A2_B10_MF	
	26075	GM_M31_A2_B10		GM_M31_A2_B10_MR
	26076	GM_M31_A2_B11	GM_M31_A2_B11_MF	
10	26077	GM_M31_A2_B11		GM_M31_A2_B11_MR
	26078	GM_M31_A2_B12	GM_M31_A2_B12_MF	
	26079	GM_M31_A2_B12		GM_M31_A2_B12_MR
	26080	GM_M31_A2_C01	GM_M31_A2_C01_MF	
	26081	GM_M31_A2_C01		GM_M31_A2_C01_MR
15	26082	GM_M31_A2_C02	GM_M31_A2_C02_MF	
	26083	GM_M31_A2_C02		GM_M31_A2_C02_MR
	26084	GM_M31_A2_C03	GM_M31_A2_C03_MF	
	26085	GM_M31_A2_C03		GM_M31_A2_C03_MR
	26086	GM_M31_A2_C04	GM_M31_A2_C04_MF	
20	26087	GM_M31_A2_C04		GM_M31_A2_C04_MR
	26088	GM_M31_A2_C05	GM_M31_A2_C05_MF	
	26089	GM_M31_A2_C05		GM_M31_A2_C05_MR
	26090	GM_M31_A2_C06	GM_M31_A2_C06_MF	
	26091	GM_M31_A2_C08	GM_M31_A2_C08_MF	
25	26092	GM_M31_A2_C08		GM_M31_A2_C08_MR
	26093	GM_M31_A2_C09	GM_M31_A2_C09_MF	
	26094	GM_M31_A2_C09		GM_M31_A2_C09_MR
	26095	GM_M31_A2_C10	GM_M31_A2_C10_MF	
	26096	GM_M31_A2_C10		GM_M31_A2_C10_MR
30	26097	GM_M31_A2_C11	GM_M31_A2_C11_MF	
	26098	GM_M31_A2_C11		GM_M31_A2_C11_MR
	26099	GM_M31_A2_D01	GM_M31_A2_D01_MF	
	26100	GM_M31_A2_D01		GM_M31_A2_D01_MR
	26101	GM_M31_A2_D02	GM_M31_A2_D02_MF	
35	26102	GM_M31_A2_D02		GM_M31_A2_D02_MR
	26103	GM_M31_A2_D03	GM_M31_A2_D03_MF	
	26104	GM_M31_A2_D03		GM_M31_A2_D03_MR
	26105	GM_M31_A2_D04	GM_M31_A2_D04_MF	
	26106	GM_M31_A2_D04		GM_M31_A2_D04_MR
40	26107	GM_M31_A2_D05	GM_M31_A2_D05_MF	
	26108	GM_M31_A2_D05		GM_M31_A2_D05_MR
	26109	GM_M31_A2_D06	GM_M31_A2_D06_MF	
	26110	GM_M31_A2_D06		GM_M31_A2_D06_MR
	26111	GM_M31_A2_D07	GM_M31_A2_D07_MF	
45	26112	GM_M31_A2_D07		GM_M31_A2_D07_MR
	26113	GM_M31_A2_D08	GM_M31_A2_D08_MF	
	26114	GM_M31_A2_D08		GM_M31_A2_D08_MR
	26115	GM_M31_A2_D09	GM_M31_A2_D09_MF	
	26116	GM_M31_A2_D09		GM_M31_A2_D09_MR
50	26117	GM_M31_A2_D10	GM_M31_A2_D10_MF	
	26118	GM_M31_A2_D10		GM_M31_A2_D10_MR
	26119	GM_M31_A2_D11	GM_M31_A2_D11_MF	
	26120	GM_M31_A2_D11		GM_M31_A2_D11_MR
	26121	GM_M31_A2_D12	GM_M31_A2_D12_MF	
55	26122	GM_M31_A2_D12		GM_M31_A2_D12_MR

	26123	GM_M31_A2_E01	GM_M31_A2_E01_MF	
	26124	GM_M31_A2_E01		GM_M31_A2_E01_MR
	26125	GM_M31_A2_E03	GM_M31_A2_E03_MF	
	26126	GM_M31_A2_E03		GM_M31_A2_E03_MR
5	26127	GM_M31_A2_E04	GM_M31_A2_E04_MF	
	26128	GM_M31_A2_E04		GM_M31_A2_E04_MR
	26129	GM_M31_A2_E06	GM_M31_A2_E06_MF	
	26130	GM_M31_A2_E08	GM_M31_A2_E08_MF	
	26131	GM_M31_A2_E08		GM_M31_A2_E08_MR
10	26132	GM_M31_A2_E09	GM_M31_A2_E09_MF	
	26133	GM_M31_A2_E09		GM_M31_A2_E09_MR
	26134	GM_M31_A2_E10	GM_M31_A2_E10_MF	
	26135	GM_M31_A2_E10		GM_M31_A2_E10_MR
	26136	GM_M31_A2_E11	GM_M31_A2_E11_MF	
15	26137	GM_M31_A2_E11		GM_M31_A2_E11_MR
	26138	GM_M31_A2_E12	GM_M31_A2_E12_MF	
	26139	GM_M31_A2_E12		GM_M31_A2_E12_MR
	26140	GM_M31_A2_F01	GM_M31_A2_F01_MF	
	26141	GM_M31_A2_F01		GM_M31_A2_F01_MR
20	26142	GM_M31_A2_F02	GM_M31_A2_F02_MF	
	26143	GM_M31_A2_F02		GM_M31_A2_F02_MR
	26144	GM_M31_A2_F03	GM_M31_A2_F03_MF	
	26145	GM_M31_A2_F03		GM_M31_A2_F03_MR
	26146	GM_M31_A2_F04	GM_M31_A2_F04_MF	
25	26147	GM_M31_A2_F04		GM_M31_A2_F04_MR
	26148	GM_M31_A2_F05	GM_M31_A2_F05_MF	
	26149	GM_M31_A2_F05		GM_M31_A2_F05_MR
	26150	GM_M31_A2_F06	GM_M31_A2_F06_MF	
	26151	GM_M31_A2_F06		GM_M31_A2_F06_MR
30	26152	GM_M31_A2_F07	GM_M31_A2_F07_MF	
	26153	GM_M31_A2_F07		GM_M31_A2_F07_MR
	26154	GM_M31_A2_F08	GM_M31_A2_F08_MF	
	26155	GM_M31_A2_F08		GM_M31_A2_F08_MR
	26156	GM_M31_A2_F09	GM_M31_A2_F09_MF	
35	26157	GM_M31_A2_F09		GM_M31_A2_F09_MR
	26158	GM_M31_A2_F10	GM_M31_A2_F10_MF	
	26159	GM_M31_A2_F10		GM_M31_A2_F10_MR
	26160	GM_M31_A2_F11	GM_M31_A2_F11_MF	
	26161	GM_M31_A2_F11		GM_M31_A2_F11_MR
40	26162	GM_M31_A2_F12	GM_M31_A2_F12_MF	
	26163	GM_M31_A2_F12		GM_M31_A2_F12_MR
	26164	GM_M31_A2_G01	GM_M31_A2_G01_MF	
	26165	GM_M31_A2_G01		GM_M31_A2_G01_MR
	26166	GM_M31_A2_G02	GM_M31_A2_G02_MF	
45	26167	GM_M31_A2_G02		GM_M31_A2_G02_MR
	26168	GM_M31_A2_G03	GM_M31_A2_G03_MF	
	26169	GM_M31_A2_G03		GM_M31_A2_G03_MR
	26170	GM_M31_A2_G04	GM_M31_A2_G04_MF	
	26171	GM_M31_A2_G04		GM_M31_A2_G04_MR
50	26172	GM_M31_A2_G05	GM_M31_A2_G05_MF	
	26173	GM_M31_A2_G05		GM_M31_A2_G05_MR
	26174	GM_M31_A2_G06	GM_M31_A2_G06_MF	
	26175	GM_M31_A2_G06		GM_M31_A2_G06_MR
	26176	GM_M31_A2_G07	GM_M31_A2_G07_MF	
55	26177	GM_M31_A2_G07		GM_M31_A2_G07_MR

	26178	GM_M31_A2_G08	GM_M31_A2_G08_MF	
	26179	GM_M31_A2_G08		GM_M31_A2_G08_MR
	26180	GM_M31_A2_G09	GM_M31_A2_G09_MF	
	26181	GM_M31_A2_G09		GM_M31_A2_G09_MR
5	26182	GM_M31_A2_G10	GM_M31_A2_G10_MF	
	26183	GM_M31_A2_G10		GM_M31_A2_G10_MR
	26184	GM_M31_A2_G11	GM_M31_A2_G11_MF	
	26185	GM_M31_A2_G11		GM_M31_A2_G11_MR
	26186	GM_M31_A2_G12	GM_M31_A2_G12_MF	
10	26187	GM_M31_A2_G12		GM_M31_A2_G12_MR
	26188	GM_M31_A2_H01	GM_M31_A2_H01_MF	
	26189	GM_M31_A2_H01		GM_M31_A2_H01_MR
	26190	GM_M31_A2_H02	GM_M31_A2_H02_MF	
	26191	GM_M31_A2_H02		GM_M31_A2_H02_MR
15	26192	GM_M31_A2_H03	GM_M31_A2_H03_MF	
	26193	GM_M31_A2_H03		GM_M31_A2_H03_MR
	26194	GM_M31_A2_H04	GM_M31_A2_H04_MF	
	26195	GM_M31_A2_H04		GM_M31_A2_H04_MR
	26196	GM_M31_A2_H05	GM_M31_A2_H05_MF	
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	26198	GM_M31_A2_H06	GM_M31_A2_H06_MF	
	26199	GM_M31_A2_H07	GM_M31_A2_H07_MF	
	26200	GM_M31_A2_H07		GM_M31_A2_H07_MR
	26201	GM_M31_A2_H08	GM_M31_A2_H08_MF	
25	26202	GM_M31_A2_H08		GM_M31_A2_H08_MR
	26203	GM_M31_A2_H10	GM_M31_A2_H10_MF	
	26204	GM_M31_A2_H10		GM_M31_A2_H10_MR
	26205	GM_M31_A2_H11	GM_M31_A2_H11_MF	
	26206	GM_M31_A2_H11		GM_M31_A2_H11_MR
30	26207	GM_M31_A2_H12	GM_M31_A2_H12_MF	
	26208	GM_M31_A2_H12		GM_M31_A2_H12_MR
	26209	GM_M31_B1_A01	GM_M31_B1_A01_MF	
	26210	GM_M31_B1_A02	GM_M31_B1_A02_MF	
	26211	GM_M31_B1_A03	GM_M31_B1_A03_MF	
35	26212	GM_M31_B1_A03		GM_M31_B1_A03_MR
	26213	GM_M31_B1_A04	GM_M31_B1_A04_MF	
	26214	GM_M31_B1_A04		GM_M31_B1_A04_MR
	26215	GM_M31_B1_A05	GM_M31_B1_A05_MF	
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40	26217	GM_M31_B1_A06	GM_M31_B1_A06_MF	
	26218	GM_M31_B1_A06		GM_M31_B1_A06_MR
	26219	GM_M31_B1_A07	GM_M31_B1_A07_MF	
	26220	GM_M31_B1_A07		GM_M31_B1_A07_MR
	26221	GM_M31_B1_A09	GM_M31_B1_A09_MF	
45	26222	GM_M31_B1_A09		GM_M31_B1_A09_MR
	26223	GM_M31_B1_A10	GM_M31_B1_A10_MF	
	26224	GM_M31_B1_A10		GM_M31_B1_A10_MR
	26225	GM_M31_B1_A11	GM_M31_B1_A11_MF	
	26226	GM_M31_B1_A11		GM_M31_B1_A11_MR
50	26227	GM_M31_B1_A12	GM_M31_B1_A12_MF	
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	26229	GM_M31_B1_B01	GM_M31_B1_B01_MF	
	26230	GM_M31_B1_B01		GM_M31_B1_B01_MR
	26231	GM_M31_B1_B02	GM_M31_B1_B02_MF	
55	26232	GM_M31_B1_B02		GM_M31_B1_B02_MR

	26233	GM_M31_B1_B03	GM_M31_B1_B03_MF	
	26234	GM_M31_B1_B03		GM_M31_B1_B03_MR
	26235	GM_M31_B1_B04	GM_M31_B1_B04_MF	
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	26239	GM_M31_B1_B06	GM_M31_B1_B06_MF	
	26240	GM_M31_B1_B06		GM_M31_B1_B06_MR
	26241	GM_M31_B1_B07	GM_M31_B1_B07_MF	
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	26244	GM_M31_B1_B08		GM_M31_B1_B08_MR
	26245	GM_M31_B1_B09	GM_M31_B1_B09_MF	
	26246	GM_M31_B1_B09		GM_M31_B1_B09_MR
15	26247	GM_M31_B1_B10	GM_M31_B1_B10_MF	
	26248	GM_M31_B1_B10		GM_M31_B1_B10_MR
	26249	GM_M31_B1_B11	GM_M31_B1_B11_MF	
	26250	GM_M31_B1_B12	GM_M31_B1_B12_MF	
	26251	GM_M31_B1_B12		GM_M31_B1_B12_MR
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	26253	GM_M31_B1_C01		GM_M31_B1_C01_MR
	26254	GM_M31_B1_C02	GM_M31_B1_C02_MF	
	26255	GM_M31_B1_C02		GM_M31_B1_C02_MR
25	26256	GM_M31_B1_C03	GM_M31_B1_C03_MF	
	26257	GM_M31_B1_C03		GM_M31_B1_C03_MR
	26258	GM_M31_B1_C04	GM_M31_B1_C04_MF	
	26259	GM_M31_B1_C04		GM_M31_B1_C04_MR
	26260	GM_M31_B1_C05	GM_M31_B1_C05_MF	
	26261	GM_M31_B1_C05		GM_M31_B1_C05_MR
30	26262	GM_M31_B1_C06	GM_M31_B1_C06_MF	
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	26264	GM_M31_B1_C07	GM_M31_B1_C07_MF	
	26265	GM_M31_B1_C07		GM_M31_B1_C07_MR
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	26268	GM_M31_B1_C09	GM_M31_B1_C09_MF	
	26269	GM_M31_B1_C09		GM_M31_B1_C09_MR
	26270	GM_M31_B1_C10	GM_M31_B1_C10_MF	
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	26272	GM_M31_B1_C11	GM_M31_B1_C11_MF	
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	26274	GM_M31_B1_C12	GM_M31_B1_C12_MF	
	26275	GM_M31_B1_C12		GM_M31_B1_C12_MR
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	26277	GM_M31_B1_D01		GM_M31_B1_D01_MR
	26278	GM_M31_B1_D02	GM_M31_B1_D02_MF	
	26279	GM_M31_B1_D02		GM_M31_B1_D02_MR
	26280	GM_M31_B1_D03	GM_M31_B1_D03_MF	
	26281	GM_M31_B1_D03		GM_M31_B1_D03_MR
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	26283	GM_M31_B1_D04		GM_M31_B1_D04_MR
	26284	GM_M31_B1_D05	GM_M31_B1_D05_MF	
	26285	GM_M31_B1_D05		GM_M31_B1_D05_MR
	26286	GM_M31_B1_D06	GM_M31_B1_D06_MF	
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	26288	GM_M31_B1_D07	GM_M31_B1_D07_MF	
	26289	GM_M31_B1_D07		GM_M31_B1_D07_MR
	26290	GM_M31_B1_D08	GM_M31_B1_D08_MF	
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	26294	GM_M31_B1_D10	GM_M31_B1_D10_MF	
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	26296	GM_M31_B1_D11	GM_M31_B1_D11_MF	
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	26298	GM_M31_B1_D12	GM_M31_B1_D12_MF	
	26299	GM_M31_B1_D12		GM_M31_B1_D12_MR
	26300	GM_M31_B1_E01	GM_M31_B1_E01_MF	
	26301	GM_M31_B1_E01		GM_M31_B1_E01_MR
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	26304	GM_M31_B1_E03	GM_M31_B1_E03_MF	
	26305	GM_M31_B1_E03		GM_M31_B1_E03_MR
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	26308	GM_M31_B1_E05	GM_M31_B1_E05_MF	
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	26310	GM_M31_B1_E06	GM_M31_B1_E06_MF	
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	26314	GM_M31_B1_E08	GM_M31_B1_E08_MF	
	26315	GM_M31_B1_E08		GM_M31_B1_E08_MR
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	26321	GM_M31_B1_E12	GM_M31_B1_E12_MF	
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	26324	GM_M31_B1_F01		GM_M31_B1_F01_MR
	26325	GM_M31_B1_F02	GM_M31_B1_F02_MF	
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	26328	GM_M31_B1_F04	GM_M31_B1_F04_MF	
	26329	GM_M31_B1_F05	GM_M31_B1_F05_MF	
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	26331	GM_M31_B1_F06		GM_M31_B1_F06_MR
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	26334	GM_M31_B1_F08	GM_M31_B1_F08_MF	
	26335	GM_M31_B1_F08		GM_M31_B1_F08_MR
	26336	GM_M31_B1_F09	GM_M31_B1_F09_MF	
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	26339	GM_M31_B1_F10		GM_M31_B1_F10_MR
	26340	GM_M31_B1_F11	GM_M31_B1_F11_MF	
	26341	GM_M31_B1_F11		GM_M31_B1_F11_MR
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	26343	GM_M31_B1_F12		GM_M31_B1_F12_MR
	26344	GM_M31_B1_G01	GM_M31_B1_G01_MF	
	26345	GM_M31_B1_G01		GM_M31_B1_G01_MR
	26346	GM_M31_B1_G02	GM_M31_B1_G02_MF	
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	26349	GM_M31_B1_G04	GM_M31_B1_G04_MF	
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	26351	GM_M31_B1_G05	GM_M31_B1_G05_MF	
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	26353	GM_M31_B1_G06	GM_M31_B1_G06_MF	
	26354	GM_M31_B1_G06		GM_M31_B1_G06_MR
	26355	GM_M31_B1_G07	GM_M31_B1_G07_MF	
	26356	GM_M31_B1_G07		GM_M31_B1_G07_MR
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	26359	GM_M31_B1_G09	GM_M31_B1_G09_MF	
	26360	GM_M31_B1_G09		GM_M31_B1_G09_MR
	26361	GM_M31_B1_G10	GM_M31_B1_G10_MF	
20	26362	GM_M31_B1_G10		GM_M31_B1_G10_MR
	26363	GM_M31_B1_G11	GM_M31_B1_G11_MF	
	26364	GM_M31_B1_G11		GM_M31_B1_G11_MR
	26365	GM_M31_B1_G12	GM_M31_B1_G12_MF	
	26366	GM_M31_B1_G12		GM_M31_B1_G12_MR
25	26367	GM_M31_B1_H01	GM_M31_B1_H01_MF	
	26368	GM_M31_B1_H01		GM_M31_B1_H01_MR
	26369	GM_M31_B1_H02	GM_M31_B1_H02_MF	
	26370	GM_M31_B1_H02		GM_M31_B1_H02_MR
	26371	GM_M31_B1_H03	GM_M31_B1_H03_MF	
30	26372	GM_M31_B1_H03		GM_M31_B1_H03_MR
	26373	GM_M31_B1_H04	GM_M31_B1_H04_MF	
	26374	GM_M31_B1_H04		GM_M31_B1_H04_MR
	26375	GM_M31_B1_H05	GM_M31_B1_H05_MF	
	26376	GM_M31_B1_H05		GM_M31_B1_H05_MR
35	26377	GM_M31_B1_H06	GM_M31_B1_H06_MF	
	26378	GM_M31_B1_H06		GM_M31_B1_H06_MR
	26379	GM_M31_B1_H07	GM_M31_B1_H07_MF	
	26380	GM_M31_B1_H07		GM_M31_B1_H07_MR
	26381	GM_M31_B1_H08	GM_M31_B1_H08_MF	
40	26382	GM_M31_B1_H08		GM_M31_B1_H08_MR
	26383	GM_M31_B1_H09	GM_M31_B1_H09_MF	
	26384	GM_M31_B1_H09		GM_M31_B1_H09_MR
	26385	GM_M31_B1_H10	GM_M31_B1_H10_MF	
	26386	GM_M31_B1_H10		GM_M31_B1_H10_MR
45	26387	GM_M31_B1_H11	GM_M31_B1_H11_MF	
	26388	GM_M31_B1_H11		GM_M31_B1_H11_MR
	26389	GM_M31_B2_A01	GM_M31_B2_A01_MF	
	26390	GM_M31_B2_A02	GM_M31_B2_A02_MF	
	26391	GM_M31_B2_A03	GM_M31_B2_A03_MF	
50	26392	GM_M31_B2_A04	GM_M31_B2_A04_MF	
	26393	GM_M31_B2_A05	GM_M31_B2_A05_MF	
	26394	GM_M31_B2_A06	GM_M31_B2_A06_MF	
	26395	GM_M31_B2_A07	GM_M31_B2_A07_MF	
	26396	GM_M31_B2_A08	GM_M31_B2_A08_MF	
55	26397	GM_M31_B2_A09	GM_M31_B2_A09_MF	

	26398	GM_M31_B2_A10	GM_M31_B2_A10_MF
	26399	GM_M31_B2_A11	GM_M31_B2_A11_MF
	26400	GM_M31_B2_A12	GM_M31_B2_A12_MF
	26401	GM_M31_B2_B01	GM_M31_B2_B01_MF
5	26402	GM_M31_B2_B02	GM_M31_B2_B02_MF
	26403	GM_M31_B2_B03	GM_M31_B2_B03_MF
	26404	GM_M31_B2_B04	GM_M31_B2_B04_MF
	26405	GM_M31_B2_B05	GM_M31_B2_B05_MF
	26406	GM_M31_B2_B06	GM_M31_B2_B06_MF
10	26407	GM_M31_B2_B07	GM_M31_B2_B07_MF
	26408	GM_M31_B2_B08	GM_M31_B2_B08_MF
	26409	GM_M31_B2_B09	GM_M31_B2_B09_MF
	26410	GM_M31_B2_B10	GM_M31_B2_B10_MF
	26411	GM_M31_B2_B11	GM_M31_B2_B11_MF
15	26412	GM_M31_B2_B12	GM_M31_B2_B12_MF
	26413	GM_M31_B2_C02	GM_M31_B2_C02_MF
	26414	GM_M31_B2_C03	GM_M31_B2_C03_MF
	26415	GM_M31_B2_C04	GM_M31_B2_C04_MF
	26416	GM_M31_B2_C05	GM_M31_B2_C05_MF
20	26417	GM_M31_B2_C06	GM_M31_B2_C06_MF
	26418	GM_M31_B2_C07	GM_M31_B2_C07_MF
	26419	GM_M31_B2_C08	GM_M31_B2_C08_MF
	26420	GM_M31_B2_C09	GM_M31_B2_C09_MF
	26421	GM_M31_B2_C10	GM_M31_B2_C10_MF
25	26422	GM_M31_B2_C11	GM_M31_B2_C11_MF
	26423	GM_M31_B2_C12	GM_M31_B2_C12_MF
	26424	GM_M31_B2_D01	GM_M31_B2_D01_MF
	26425	GM_M31_B2_D02	GM_M31_B2_D02_MF
	26426	GM_M31_B2_D03	GM_M31_B2_D03_MF
30	26427	GM_M31_B2_D04	GM_M31_B2_D04_MF
	26428	GM_M31_B2_D05	GM_M31_B2_D05_MF
	26429	GM_M31_B2_D06	GM_M31_B2_D06_MF
	26430	GM_M31_B2_D07	GM_M31_B2_D07_MF
	26431	GM_M31_B2_D08	GM_M31_B2_D08_MF
35	26432	GM_M31_B2_D09	GM_M31_B2_D09_MF
	26433	GM_M31_B2_D10	GM_M31_B2_D10_MF
	26434	GM_M31_B2_D11	GM_M31_B2_D11_MF
	26435	GM_M31_B2_D12	GM_M31_B2_D12_MF
	26436	GM_M31_B2_E01	GM_M31_B2_E01_MF
40	26437	GM_M31_B2_E02	GM_M31_B2_E02_MF
	26438	GM_M31_B2_E03	GM_M31_B2_E03_MF
	26439	GM_M31_B2_E04	GM_M31_B2_E04_MF
	26440	GM_M31_B2_E05	GM_M31_B2_E05_MF
	26441	GM_M31_B2_E06	GM_M31_B2_E06_MF
45	26442	GM_M31_B2_E07	GM_M31_B2_E07_MF
	26443	GM_M31_B2_E08	GM_M31_B2_E08_MF
	26444	GM_M31_B2_E10	GM_M31_B2_E10_MF
	26445	GM_M31_B2_E11	GM_M31_B2_E11_MF
	26446	GM_M31_B2_E12	GM_M31_B2_E12_MF
50	26447	GM_M31_B2_F01	GM_M31_B2_F01_MF
	26448	GM_M31_B2_F02	GM_M31_B2_F02_MF
	26449	GM_M31_B2_F03	GM_M31_B2_F03_MF
	26450	GM_M31_B2_F04	GM_M31_B2_F04_MF
	26451	GM_M31_B2_F05	GM_M31_B2_F05_MF
55	26452	GM_M31_B2_F06	GM_M31_B2_F06_MF

	26453	GM_M31_B2_F07	GM_M31_B2_F07_MF	
	26454	GM_M31_B2_F08	GM_M31_B2_F08_MF	
	26455	GM_M31_B2_F09	GM_M31_B2_F09_MF	
	26456	GM_M31_B2_F10	GM_M31_B2_F10_MF	
5	26457	GM_M31_B2_F11	GM_M31_B2_F11_MF	
	26458	GM_M31_B2_F12	GM_M31_B2_F12_MF	
	26459	GM_M31_B2_G01	GM_M31_B2_G01_MF	
	26460	GM_M31_B2_G02	GM_M31_B2_G02_MF	
	26461	GM_M31_B2_G03	GM_M31_B2_G03_MF	
10	26462	GM_M31_B2_G04	GM_M31_B2_G04_MF	
	26463	GM_M31_B2_G05	GM_M31_B2_G05_MF	
	26464	GM_M31_B2_G07	GM_M31_B2_G07_MF	
	26465	GM_M31_B2_G08	GM_M31_B2_G08_MF	
	26466	GM_M31_B2_G10	GM_M31_B2_G10_MF	
15	26467	GM_M31_B2_G11	GM_M31_B2_G11_MF	
	26468	GM_M31_B2_G12	GM_M31_B2_G12_MF	
	26469	GM_M31_B2_H01	GM_M31_B2_H01_MF	
	26470	GM_M31_B2_H02	GM_M31_B2_H02_MF	
	26471	GM_M31_B2_H03	GM_M31_B2_H03_MF	
20	26472	GM_M31_B2_H04	GM_M31_B2_H04_MF	
	26473	GM_M31_B2_H05	GM_M31_B2_H05_MF	
	26474	GM_M31_B2_H06	GM_M31_B2_H06_MF	
	26475	GM_M31_B2_H07	GM_M31_B2_H07_MF	
	26476	GM_M31_B2_H08	GM_M31_B2_H08_MF	
25	26477	GM_M31_B2_H09	GM_M31_B2_H09_MF	
	26478	GM_M31_B2_H10	GM_M31_B2_H10_MF	
	26479	GM_M31_B2_H11	GM_M31_B2_H11_MF	
	26480	GM_M31_B2_H12	GM_M31_B2_H12_MF	
	26481	GM_M32_A1_A01	GM_M32_A1_A01_MF	
30	26482	GM_M32_A1_A01		GM_M32_A1_A01_MR
	26483	GM_M32_A1_A02	GM_M32_A1_A02_MF	
	26484	GM_M32_A1_A03	GM_M32_A1_A03_MF	
	26485	GM_M32_A1_A03		GM_M32_A1_A03_MR
	26486	GM_M32_A1_A04	GM_M32_A1_A04_MF	
35	26487	GM_M32_A1_A04		GM_M32_A1_A04_MR
	26488	GM_M32_A1_A05	GM_M32_A1_A05_MF	
	26489	GM_M32_A1_A05		GM_M32_A1_A05_MR
	26490	GM_M32_A1_A06	GM_M32_A1_A06_MF	
	26491	GM_M32_A1_A06		GM_M32_A1_A06_MR
40	26492	GM_M32_A1_A07	GM_M32_A1_A07_MF	
	26493	GM_M32_A1_A07		GM_M32_A1_A07_MR
	26494	GM_M32_A1_A08	GM_M32_A1_A08_MF	
	26495	GM_M32_A1_A08		GM_M32_A1_A08_MR
	26496	GM_M32_A1_A09		GM_M32_A1_A09_MR
45	26497	GM_M32_A1_A10	GM_M32_A1_A10_MF	
	26498	GM_M32_A1_A10		GM_M32_A1_A10_MR
	26499	GM_M32_A1_A11	GM_M32_A1_A11_MF	
	26500	GM_M32_A1_A11		GM_M32_A1_A11_MR
	26501	GM_M32_A1_A12	GM_M32_A1_A12_MF	
50	26502	GM_M32_A1_A12		GM_M32_A1_A12_MR
	26503	GM_M32_A1_B01	GM_M32_A1_B01_MF	
	26504	GM_M32_A1_B01		GM_M32_A1_B01_MR
	26505	GM_M32_A1_B02	GM_M32_A1_B02_MF	
	26506	GM_M32_A1_B02		GM_M32_A1_B02_MR
55	26507	GM_M32_A1_B03	GM_M32_A1_B03_MF	

	26508	GM_M32_A1_B03		GM_M32_A1_B03_MR
	26509	GM_M32_A1_B04	GM_M32_A1_B04_MF	
	26510	GM_M32_A1_B04		GM_M32_A1_B04_MR
	26511	GM_M32_A1_B05	GM_M32_A1_B05_MF	
5	26512	GM_M32_A1_B05		GM_M32_A1_B05_MR
	26513	GM_M32_A1_B06	GM_M32_A1_B06_MF	
	26514	GM_M32_A1_B06		GM_M32_A1_B06_MR
	26515	GM_M32_A1_B07	GM_M32_A1_B07_MF	
	26516	GM_M32_A1_B07		GM_M32_A1_B07_MR
10	26517	GM_M32_A1_B09	GM_M32_A1_B09_MF	
	26518	GM_M32_A1_B09		GM_M32_A1_B09_MR
	26519	GM_M32_A1_B10	GM_M32_A1_B10_MF	
	26520	GM_M32_A1_B10		GM_M32_A1_B10_MR
	26521	GM_M32_A1_B11	GM_M32_A1_B11_MF	
15	26522	GM_M32_A1_B11		GM_M32_A1_B11_MR
	26523	GM_M32_A1_B12	GM_M32_A1_B12_MF	
	26524	GM_M32_A1_B12		GM_M32_A1_B12_MR
	26525	GM_M32_A1_C01	GM_M32_A1_C01_MF	
	26526	GM_M32_A1_C01		GM_M32_A1_C01_MR
20	26527	GM_M32_A1_C02	GM_M32_A1_C02_MF	
	26528	GM_M32_A1_C02		GM_M32_A1_C02_MR
	26529	GM_M32_A1_C03	GM_M32_A1_C03_MF	
	26530	GM_M32_A1_C03		GM_M32_A1_C03_MR
	26531	GM_M32_A1_C04	GM_M32_A1_C04_MF	
25	26532	GM_M32_A1_C04		GM_M32_A1_C04_MR
	26533	GM_M32_A1_C05	GM_M32_A1_C05_MF	
	26534	GM_M32_A1_C05		GM_M32_A1_C05_MR
	26535	GM_M32_A1_C06	GM_M32_A1_C06_MF	
	26536	GM_M32_A1_C06		GM_M32_A1_C06_MR
30	26537	GM_M32_A1_C07	GM_M32_A1_C07_MF	
	26538	GM_M32_A1_C07		GM_M32_A1_C07_MR
	26539	GM_M32_A1_C08	GM_M32_A1_C08_MF	
	26540	GM_M32_A1_C08		GM_M32_A1_C08_MR
	26541	GM_M32_A1_C09	GM_M32_A1_C09_MF	
35	26542	GM_M32_A1_C09		GM_M32_A1_C09_MR
	26543	GM_M32_A1_C10	GM_M32_A1_C10_MF	
	26544	GM_M32_A1_C10		GM_M32_A1_C10_MR
	26545	GM_M32_A1_C11	GM_M32_A1_C11_MF	
	26546	GM_M32_A1_C11		GM_M32_A1_C11_MR
40	26547	GM_M32_A1_C12	GM_M32_A1_C12_MF	
	26548	GM_M32_A1_C12		GM_M32_A1_C12_MR
	26549	GM_M32_A1_D01	GM_M32_A1_D01_MF	
	26550	GM_M32_A1_D01		GM_M32_A1_D01_MR
	26551	GM_M32_A1_D02	GM_M32_A1_D02_MF	
45	26552	GM_M32_A1_D02		GM_M32_A1_D02_MR
	26553	GM_M32_A1_D03	GM_M32_A1_D03_MF	
	26554	GM_M32_A1_D03		GM_M32_A1_D03_MR
	26555	GM_M32_A1_D04	GM_M32_A1_D04_MF	
	26556	GM_M32_A1_D04		GM_M32_A1_D04_MR
50	26557	GM_M32_A1_D05	GM_M32_A1_D05_MF	
	26558	GM_M32_A1_D05		GM_M32_A1_D05_MR
	26559	GM_M32_A1_D06	GM_M32_A1_D06_MF	
	26560	GM_M32_A1_D06		GM_M32_A1_D06_MR
	26561	GM_M32_A1_D07	GM_M32_A1_D07_MF	
55	26562	GM_M32_A1_D07		GM_M32_A1_D07_MR

	26563	GM_M32_A1_D08	GM_M32_A1_D08_MF	
	26564	GM_M32_A1_D08		GM_M32_A1_D08_MR
	26565	GM_M32_A1_D09	GM_M32_A1_D09_MF	
	26566	GM_M32_A1_D09		GM_M32_A1_D09_MR
5	26567	GM_M32_A1_D10	GM_M32_A1_D10_MF	
	26568	GM_M32_A1_D10		GM_M32_A1_D10_MR
	26569	GM_M32_A1_D11	GM_M32_A1_D11_MF	
	26570	GM_M32_A1_D11		GM_M32_A1_D11_MR
	26571	GM_M32_A1_D12	GM_M32_A1_D12_MF	
10	26572	GM_M32_A1_D12		GM_M32_A1_D12_MR
	26573	GM_M32_A1_E01	GM_M32_A1_E01_MF	
	26574	GM_M32_A1_E01		GM_M32_A1_E01_MR
	26575	GM_M32_A1_E02	GM_M32_A1_E02_MF	
	26576	GM_M32_A1_E02		GM_M32_A1_E02_MR
15	26577	GM_M32_A1_E03	GM_M32_A1_E03_MF	
	26578	GM_M32_A1_E03		GM_M32_A1_E03_MR
	26579	GM_M32_A1_E04	GM_M32_A1_E04_MF	
	26580	GM_M32_A1_E04		GM_M32_A1_E04_MR
	26581	GM_M32_A1_E05	GM_M32_A1_E05_MF	
20	26582	GM_M32_A1_E05		GM_M32_A1_E05_MR
	26583	GM_M32_A1_E06	GM_M32_A1_E06_MF	
	26584	GM_M32_A1_E07	GM_M32_A1_E07_MF	
	26585	GM_M32_A1_E07		GM_M32_A1_E07_MR
	26586	GM_M32_A1_E08	GM_M32_A1_E08_MF	
25	26587	GM_M32_A1_E08		GM_M32_A1_E08_MR
	26588	GM_M32_A1_E09	GM_M32_A1_E09_MF	
	26589	GM_M32_A1_E09		GM_M32_A1_E09_MR
	26590	GM_M32_A1_E10	GM_M32_A1_E10_MF	
	26591	GM_M32_A1_E10		GM_M32_A1_E10_MR
30	26592	GM_M32_A1_E11	GM_M32_A1_E11_MF	
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	26594	GM_M32_A1_E12	GM_M32_A1_E12_MF	
	26595	GM_M32_A1_E12		GM_M32_A1_E12_MR
	26596	GM_M32_A1_F01	GM_M32_A1_F01_MF	
35	26597	GM_M32_A1_F01		GM_M32_A1_F01_MR
	26598	GM_M32_A1_F02	GM_M32_A1_F02_MF	
	26599	GM_M32_A1_F02		GM_M32_A1_F02_MR
	26600	GM_M32_A1_F03	GM_M32_A1_F03_MF	
	26601	GM_M32_A1_F03		GM_M32_A1_F03_MR
40	26602	GM_M32_A1_F04	GM_M32_A1_F04_MF	
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	26604	GM_M32_A1_F05	GM_M32_A1_F05_MF	
	26605	GM_M32_A1_F05		GM_M32_A1_F05_MR
	26606	GM_M32_A1_F06	GM_M32_A1_F06_MF	
45	26607	GM_M32_A1_F06		GM_M32_A1_F06_MR
	26608	GM_M32_A1_F07		GM_M32_A1_F07_MR
	26609	GM_M32_A1_F08	GM_M32_A1_F08_MF	
	26610	GM_M32_A1_F08		GM_M32_A1_F08_MR
	26611	GM_M32_A1_F09	GM_M32_A1_F09_MF	
50	26612	GM_M32_A1_F09		GM_M32_A1_F09_MR
	26613	GM_M32_A1_F10	GM_M32_A1_F10_MF	
	26614	GM_M32_A1_F10		GM_M32_A1_F10_MR
	26615	GM_M32_A1_F11	GM_M32_A1_F11_MF	
	26616	GM_M32_A1_F11		GM_M32_A1_F11_MR
55	26617	GM_M32_A1_F12	GM_M32_A1_F12_MF	

	26618	GM_M32_A1_F12		GM_M32_A1_F12_MR
	26619	GM_M32_A1_G01	GM_M32_A1_G01_MF	
	26620	GM_M32_A1_G01		GM_M32_A1_G01_MR
	26621	GM_M32_A1_G02	GM_M32_A1_G02_MF	
5	26622	GM_M32_A1_G02		GM_M32_A1_G02_MR
	26623	GM_M32_A1_G03	GM_M32_A1_G03_MF	
	26624	GM_M32_A1_G03		GM_M32_A1_G03_MR
	26625	GM_M32_A1_G04	GM_M32_A1_G04_MF	
	26626	GM_M32_A1_G04		GM_M32_A1_G04_MR
10	26627	GM_M32_A1_G05	GM_M32_A1_G05_MF	
	26628	GM_M32_A1_G05		GM_M32_A1_G05_MR
	26629	GM_M32_A1_G06	GM_M32_A1_G06_MF	
	26630	GM_M32_A1_G06		GM_M32_A1_G06_MR
	26631	GM_M32_A1_G07	GM_M32_A1_G07_MF	
15	26632	GM_M32_A1_G07		GM_M32_A1_G07_MR
	26633	GM_M32_A1_G08	GM_M32_A1_G08_MF	
	26634	GM_M32_A1_G08		GM_M32_A1_G08_MR
	26635	GM_M32_A1_G09	GM_M32_A1_G09_MF	
	26636	GM_M32_A1_G09		GM_M32_A1_G09_MR
20	26637	GM_M32_A1_G10	GM_M32_A1_G10_MF	
	26638	GM_M32_A1_G10		GM_M32_A1_G10_MR
	26639	GM_M32_A1_G11	GM_M32_A1_G11_MF	
	26640	GM_M32_A1_G11		GM_M32_A1_G11_MR
	26641	GM_M32_A1_G12		GM_M32_A1_G12_MR
25	26642	GM_M32_A1_H01	GM_M32_A1_H01_MF	
	26643	GM_M32_A1_H01		GM_M32_A1_H01_MR
	26644	GM_M32_A1_H02	GM_M32_A1_H02_MF	
	26645	GM_M32_A1_H02		GM_M32_A1_H02_MR
	26646	GM_M32_A1_H03	GM_M32_A1_H03_MF	
30	26647	GM_M32_A1_H03		GM_M32_A1_H03_MR
	26648	GM_M32_A1_H04	GM_M32_A1_H04_MF	
	26649	GM_M32_A1_H04		GM_M32_A1_H04_MR
	26650	GM_M32_A1_H05	GM_M32_A1_H05_MF	
	26651	GM_M32_A1_H05		GM_M32_A1_H05_MR
35	26652	GM_M32_A1_H06	GM_M32_A1_H06_MF	
	26653	GM_M32_A1_H06		GM_M32_A1_H06_MR
	26654	GM_M32_A1_H07	GM_M32_A1_H07_MF	
	26655	GM_M32_A1_H07		GM_M32_A1_H07_MR
	26656	GM_M32_A1_H08	GM_M32_A1_H08_MF	
40	26657	GM_M32_A1_H08		GM_M32_A1_H08_MR
	26658	GM_M32_A1_H09	GM_M32_A1_H09_MF	
	26659	GM_M32_A1_H09		GM_M32_A1_H09_MR
	26660	GM_M32_A1_H10	GM_M32_A1_H10_MF	
	26661	GM_M32_A1_H10		GM_M32_A1_H10_MR
45	26662	GM_M32_A1_H11	GM_M32_A1_H11_MF	
	26663	GM_M32_A1_H11		GM_M32_A1_H11_MR
	26664	GM_M32_A1_H12	GM_M32_A1_H12_MF	
	26665	GM_M32_A1_H12		GM_M32_A1_H12_MR
	26666	GM_M32_A2_A01	GM_M32_A2_A01_MF	
50	26667	GM_M32_A2_A02	GM_M32_A2_A02_MF	
	26668	GM_M32_A2_A03	GM_M32_A2_A03_MF	
	26669	GM_M32_A2_A03		GM_M32_A2_A03_MR
	26670	GM_M32_A2_A04	GM_M32_A2_A04_MF	
	26671	GM_M32_A2_A04		GM_M32_A2_A04_MR
55	26672	GM_M32_A2_A05	GM_M32_A2_A05_MF	

	26673	GM_M32_A2_A06	GM_M32_A2_A06_MF	
	26674	GM_M32_A2_A07	GM_M32_A2_A07_MF	
	26675	GM_M32_A2_A08	GM_M32_A2_A08_MF	
	26676	GM_M32_A2_A09		GM_M32_A2_A09_MR
5	26677	GM_M32_A2_A10	GM_M32_A2_A10_MF	
	26678	GM_M32_A2_A10		GM_M32_A2_A10_MR
	26679	GM_M32_A2_A11	GM_M32_A2_A11_MF	
	26680	GM_M32_A2_A11		GM_M32_A2_A11_MR
	26681	GM_M32_A2_A12	GM_M32_A2_A12_MF	
10	26682	GM_M32_A2_A12		GM_M32_A2_A12_MR
	26683	GM_M32_A2_B01	GM_M32_A2_B01_MF	
	26684	GM_M32_A2_B01		GM_M32_A2_B01_MR
	26685	GM_M32_A2_B02	GM_M32_A2_B02_MF	
	26686	GM_M32_A2_B02		GM_M32_A2_B02_MR
15	26687	GM_M32_A2_B03	GM_M32_A2_B03_MF	
	26688	GM_M32_A2_B03		GM_M32_A2_B03_MR
	26689	GM_M32_A2_B04	GM_M32_A2_B04_MF	
	26690	GM_M32_A2_B04		GM_M32_A2_B04_MR
	26691	GM_M32_A2_B05	GM_M32_A2_B05_MF	
20	26692	GM_M32_A2_B05		GM_M32_A2_B05_MR
	26693	GM_M32_A2_B06	GM_M32_A2_B06_MF	
	26694	GM_M32_A2_B06		GM_M32_A2_B06_MR
	26695	GM_M32_A2_B07	GM_M32_A2_B07_MF	
	26696	GM_M32_A2_B07		GM_M32_A2_B07_MR
25	26697	GM_M32_A2_B08	GM_M32_A2_B08_MF	
	26698	GM_M32_A2_B08		GM_M32_A2_B08_MR
	26699	GM_M32_A2_B09	GM_M32_A2_B09_MF	
	26700	GM_M32_A2_B09		GM_M32_A2_B09_MR
	26701	GM_M32_A2_B10	GM_M32_A2_B10_MF	
30	26702	GM_M32_A2_B10		GM_M32_A2_B10_MR
	26703	GM_M32_A2_B11	GM_M32_A2_B11_MF	
	26704	GM_M32_A2_B11		GM_M32_A2_B11_MR
	26705	GM_M32_A2_B12	GM_M32_A2_B12_MF	
	26706	GM_M32_A2_B12		GM_M32_A2_B12_MR
35	26707	GM_M32_A2_C01	GM_M32_A2_C01_MF	
	26708	GM_M32_A2_C01		GM_M32_A2_C01_MR
	26709	GM_M32_A2_C02	GM_M32_A2_C02_MF	
	26710	GM_M32_A2_C02		GM_M32_A2_C02_MR
	26711	GM_M32_A2_C03	GM_M32_A2_C03_MF	
40	26712	GM_M32_A2_C03		GM_M32_A2_C03_MR
	26713	GM_M32_A2_C04	GM_M32_A2_C04_MF	
	26714	GM_M32_A2_C04		GM_M32_A2_C04_MR
	26715	GM_M32_A2_C05	GM_M32_A2_C05_MF	
	26716	GM_M32_A2_C05		GM_M32_A2_C05_MR
45	26717	GM_M32_A2_C06	GM_M32_A2_C06_MF	
	26718	GM_M32_A2_C07	GM_M32_A2_C07_MF	
	26719	GM_M32_A2_C07		GM_M32_A2_C07_MR
	26720	GM_M32_A2_C08	GM_M32_A2_C08_MF	
	26721	GM_M32_A2_C08		GM_M32_A2_C08_MR
50	26722	GM_M32_A2_C09	GM_M32_A2_C09_MF	
	26723	GM_M32_A2_C09		GM_M32_A2_C09_MR
	26724	GM_M32_A2_C10	GM_M32_A2_C10_MF	
	26725	GM_M32_A2_C10		GM_M32_A2_C10_MR
	26726	GM_M32_A2_C11	GM_M32_A2_C11_MF	
55	26727	GM_M32_A2_C11		GM_M32_A2_C11_MR

	26728	GM_M32_A2_C12	GM_M32_A2_C12_MF	
	26729	GM_M32_A2_C12		GM_M32_A2_C12_MR
	26730	GM_M32_A2_D01	GM_M32_A2_D01_MF	
	26731	GM_M32_A2_D01		GM_M32_A2_D01_MR
5	26732	GM_M32_A2_D02	GM_M32_A2_D02_MF	
	26733	GM_M32_A2_D02		GM_M32_A2_D02_MR
	26734	GM_M32_A2_D03	GM_M32_A2_D03_MF	
	26735	GM_M32_A2_D03		GM_M32_A2_D03_MR
	26736	GM_M32_A2_D04	GM_M32_A2_D04_MF	
10	26737	GM_M32_A2_D04		GM_M32_A2_D04_MR
	26738	GM_M32_A2_D05	GM_M32_A2_D05_MF	
	26739	GM_M32_A2_D05		GM_M32_A2_D05_MR
	26740	GM_M32_A2_D06	GM_M32_A2_D06_MF	
	26741	GM_M32_A2_D06		GM_M32_A2_D06_MR
15	26742	GM_M32_A2_D07	GM_M32_A2_D07_MF	
	26743	GM_M32_A2_D07		GM_M32_A2_D07_MR
	26744	GM_M32_A2_D08	GM_M32_A2_D08_MF	
	26745	GM_M32_A2_D08		GM_M32_A2_D08_MR
	26746	GM_M32_A2_D09	GM_M32_A2_D09_MF	
20	26747	GM_M32_A2_D09		GM_M32_A2_D09_MR
	26748	GM_M32_A2_D10	GM_M32_A2_D10_MF	
	26749	GM_M32_A2_D10		GM_M32_A2_D10_MR
	26750	GM_M32_A2_D11	GM_M32_A2_D11_MF	
	26751	GM_M32_A2_D11		GM_M32_A2_D11_MR
25	26752	GM_M32_A2_D12	GM_M32_A2_D12_MF	
	26753	GM_M32_A2_D12		GM_M32_A2_D12_MR
	26754	GM_M32_A2_E01	GM_M32_A2_E01_MF	
	26755	GM_M32_A2_E02	GM_M32_A2_E02_MF	
	26756	GM_M32_A2_E03	GM_M32_A2_E03_MF	
30	26757	GM_M32_A2_E03		GM_M32_A2_E03_MR
	26758	GM_M32_A2_E04	GM_M32_A2_E04_MF	
	26759	GM_M32_A2_E04		GM_M32_A2_E04_MR
	26760	GM_M32_A2_E06	GM_M32_A2_E06_MF	
	26761	GM_M32_A2_E07	GM_M32_A2_E07_MF	
35	26762	GM_M32_A2_E07		GM_M32_A2_E07_MR
	26763	GM_M32_A2_E08	GM_M32_A2_E08_MF	
	26764	GM_M32_A2_E09	GM_M32_A2_E09_MF	
	26765	GM_M32_A2_E09		GM_M32_A2_E09_MR
	26766	GM_M32_A2_E10	GM_M32_A2_E10_MF	
40	26767	GM_M32_A2_E11	GM_M32_A2_E11_MF	
	26768	GM_M32_A2_E11		GM_M32_A2_E11_MR
	26769	GM_M32_A2_E12	GM_M32_A2_E12_MF	
	26770	GM_M32_A2_E12		GM_M32_A2_E12_MR
	26771	GM_M32_A2_F01	GM_M32_A2_F01_MF	
45	26772	GM_M32_A2_F01		GM_M32_A2_F01_MR
	26773	GM_M32_A2_F02	GM_M32_A2_F02_MF	
	26774	GM_M32_A2_F02		GM_M32_A2_F02_MR
	26775	GM_M32_A2_F03	GM_M32_A2_F03_MF	
	26776	GM_M32_A2_F03		GM_M32_A2_F03_MR
50	26777	GM_M32_A2_F04	GM_M32_A2_F04_MF	
	26778	GM_M32_A2_F04		GM_M32_A2_F04_MR
	26779	GM_M32_A2_F05	GM_M32_A2_F05_MF	
	26780	GM_M32_A2_F05		GM_M32_A2_F05_MR
	26781	GM_M32_A2_F06	GM_M32_A2_F06_MF	
55	26782	GM_M32_A2_F06		GM_M32_A2_F06_MR

	26783	GM_M32_A2_F07	GM_M32_A2_F07_MF	
	26784	GM_M32_A2_F07		GM_M32_A2_F07_MR
	26785	GM_M32_A2_F08	GM_M32_A2_F08_MF	
	26786	GM_M32_A2_F08		GM_M32_A2_F08_MR
5	26787	GM_M32_A2_F09	GM_M32_A2_F09_MF	
	26788	GM_M32_A2_F09		GM_M32_A2_F09_MR
	26789	GM_M32_A2_F10	GM_M32_A2_F10_MF	
	26790	GM_M32_A2_F10		GM_M32_A2_F10_MR
	26791	GM_M32_A2_F11	GM_M32_A2_F11_MF	
10	26792	GM_M32_A2_F11		GM_M32_A2_F11_MR
	26793	GM_M32_A2_F12	GM_M32_A2_F12_MF	
	26794	GM_M32_A2_F12		GM_M32_A2_F12_MR
	26795	GM_M32_A2_G01	GM_M32_A2_G01_MF	
	26796	GM_M32_A2_G01		GM_M32_A2_G01_MR
15	26797	GM_M32_A2_G02	GM_M32_A2_G02_MF	
	26798	GM_M32_A2_G02		GM_M32_A2_G02_MR
	26799	GM_M32_A2_G03	GM_M32_A2_G03_MF	
	26800	GM_M32_A2_G03		GM_M32_A2_G03_MR
	26801	GM_M32_A2_G04	GM_M32_A2_G04_MF	
20	26802	GM_M32_A2_G04		GM_M32_A2_G04_MR
	26803	GM_M32_A2_G05	GM_M32_A2_G05_MF	
	26804	GM_M32_A2_G05		GM_M32_A2_G05_MR
	26805	GM_M32_A2_G06	GM_M32_A2_G06_MF	
	26806	GM_M32_A2_G06		GM_M32_A2_G06_MR
25	26807	GM_M32_A2_G07	GM_M32_A2_G07_MF	
	26808	GM_M32_A2_G07		GM_M32_A2_G07_MR
	26809	GM_M32_A2_G08	GM_M32_A2_G08_MF	
	26810	GM_M32_A2_G08		GM_M32_A2_G08_MR
	26811	GM_M32_A2_G10	GM_M32_A2_G10_MF	
30	26812	GM_M32_A2_G10		GM_M32_A2_G10_MR
	26813	GM_M32_A2_G11	GM_M32_A2_G11_MF	
	26814	GM_M32_A2_G11		GM_M32_A2_G11_MR
	26815	GM_M32_A2_G12	GM_M32_A2_G12_MF	
	26816	GM_M32_A2_G12		GM_M32_A2_G12_MR
35	26817	GM_M32_A2_H01	GM_M32_A2_H01_MF	
	26818	GM_M32_A2_H01		GM_M32_A2_H01_MR
	26819	GM_M32_A2_H02	GM_M32_A2_H02_MF	
	26820	GM_M32_A2_H02		GM_M32_A2_H02_MR
	26821	GM_M32_A2_H03	GM_M32_A2_H03_MF	
40	26822	GM_M32_A2_H03		GM_M32_A2_H03_MR
	26823	GM_M32_A2_H04	GM_M32_A2_H04_MF	
	26824	GM_M32_A2_H04		GM_M32_A2_H04_MR
	26825	GM_M32_A2_H05	GM_M32_A2_H05_MF	
	26826	GM_M32_A2_H05		GM_M32_A2_H05_MR
45	26827	GM_M32_A2_H06	GM_M32_A2_H06_MF	
	26828	GM_M32_A2_H06		GM_M32_A2_H06_MR
	26829	GM_M32_A2_H07	GM_M32_A2_H07_MF	
	26830	GM_M32_A2_H07		GM_M32_A2_H07_MR
	26831	GM_M32_A2_H08		GM_M32_A2_H08_MR
50	26832	GM_M32_A2_H09	GM_M32_A2_H09_MF	
	26833	GM_M32_A2_H09		GM_M32_A2_H09_MR
	26834	GM_M32_A2_H10	GM_M32_A2_H10_MF	
	26835	GM_M32_A2_H10		GM_M32_A2_H10_MR
	26836	GM_M32_A2_H11	GM_M32_A2_H11_MF	
55	26837	GM_M32_A2_H11		GM_M32_A2_H11_MR

	26838	GM_M32_A2_H12	GM_M32_A2_H12_MF	
	26839	GM_M32_A2_H12		GM_M32_A2_H12_MR
	26840	GM_M32_B1_A01	GM_M32_B1_A01_MF	
	26841	GM_M32_B1_A01		GM_M32_B1_A01_MR
5	26842	GM_M32_B1_A02	GM_M32_B1_A02_MF	
	26843	GM_M32_B1_A02		GM_M32_B1_A02_MR
	26844	GM_M32_B1_A03	GM_M32_B1_A03_MF	
	26845	GM_M32_B1_A03		GM_M32_B1_A03_MR
	26846	GM_M32_B1_A05	GM_M32_B1_A05_MF	
10	26847	GM_M32_B1_A05		GM_M32_B1_A05_MR
	26848	GM_M32_B1_A06	GM_M32_B1_A06_MF	
	26849	GM_M32_B1_A06		GM_M32_B1_A06_MR
	26850	GM_M32_B1_A07	GM_M32_B1_A07_MF	
	26851	GM_M32_B1_A07		GM_M32_B1_A07_MR
15	26852	GM_M32_B1_A08	GM_M32_B1_A08_MF	
	26853	GM_M32_B1_A08		GM_M32_B1_A08_MR
	26854	GM_M32_B1_A09	GM_M32_B1_A09_MF	
	26855	GM_M32_B1_A09		GM_M32_B1_A09_MR
	26856	GM_M32_B1_A11	GM_M32_B1_A11_MF	
20	26857	GM_M32_B1_A11		GM_M32_B1_A11_MR
	26858	GM_M32_B1_A12	GM_M32_B1_A12_MF	
	26859	GM_M32_B1_A12		GM_M32_B1_A12_MR
	26860	GM_M32_B1_B01	GM_M32_B1_B01_MF	
	26861	GM_M32_B1_B01		GM_M32_B1_B01_MR
25	26862	GM_M32_B1_B02	GM_M32_B1_B02_MF	
	26863	GM_M32_B1_B02		GM_M32_B1_B02_MR
	26864	GM_M32_B1_B03	GM_M32_B1_B03_MF	
	26865	GM_M32_B1_B03		GM_M32_B1_B03_MR
	26866	GM_M32_B1_B04	GM_M32_B1_B04_MF	
30	26867	GM_M32_B1_B04		GM_M32_B1_B04_MR
	26868	GM_M32_B1_B06	GM_M32_B1_B06_MF	
	26869	GM_M32_B1_B06		GM_M32_B1_B06_MR
	26870	GM_M32_B1_B07	GM_M32_B1_B07_MF	
	26871	GM_M32_B1_B07		GM_M32_B1_B07_MR
35	26872	GM_M32_B1_B08	GM_M32_B1_B08_MF	
	26873	GM_M32_B1_B08		GM_M32_B1_B08_MR
	26874	GM_M32_B1_B09	GM_M32_B1_B09_MF	
	26875	GM_M32_B1_B09		GM_M32_B1_B09_MR
	26876	GM_M32_B1_B10	GM_M32_B1_B10_MF	
40	26877	GM_M32_B1_B10		GM_M32_B1_B10_MR
	26878	GM_M32_B1_B11	GM_M32_B1_B11_MF	
	26879	GM_M32_B1_B11		GM_M32_B1_B11_MR
	26880	GM_M32_B1_B12	GM_M32_B1_B12_MF	
	26881	GM_M32_B1_B12		GM_M32_B1_B12_MR
45	26882	GM_M32_B1_C01		GM_M32_B1_C01_MR
	26883	GM_M32_B1_C02	GM_M32_B1_C02_MF	
	26884	GM_M32_B1_C02		GM_M32_B1_C02_MR
	26885	GM_M32_B1_C03	GM_M32_B1_C03_MF	
	26886	GM_M32_B1_C03		GM_M32_B1_C03_MR
50	26887	GM_M32_B1_C04	GM_M32_B1_C04_MF	
	26888	GM_M32_B1_C04		GM_M32_B1_C04_MR
	26889	GM_M32_B1_C05	GM_M32_B1_C05_MF	
	26890	GM_M32_B1_C05		GM_M32_B1_C05_MR
	26891	GM_M32_B1_C06	GM_M32_B1_C06_MF	
55	26892	GM_M32_B1_C06		GM_M32_B1_C06_MR

	26893	GM_M32_B1_C07	GM_M32_B1_C07_MF	
	26894	GM_M32_B1_C07		GM_M32_B1_C07_MR
	26895	GM_M32_B1_C08	GM_M32_B1_C08_MF	
	26896	GM_M32_B1_C08		GM_M32_B1_C08_MR
5	26897	GM_M32_B1_C09	GM_M32_B1_C09_MF	
	26898	GM_M32_B1_C09		GM_M32_B1_C09_MR
	26899	GM_M32_B1_C10	GM_M32_B1_C10_MF	
	26900	GM_M32_B1_C10		GM_M32_B1_C10_MR
	26901	GM_M32_B1_C11	GM_M32_B1_C11_MF	
10	26902	GM_M32_B1_C11		GM_M32_B1_C11_MR
	26903	GM_M32_B1_C12	GM_M32_B1_C12_MF	
	26904	GM_M32_B1_C12		GM_M32_B1_C12_MR
	26905	GM_M32_B1_D01	GM_M32_B1_D01_MF	
	26906	GM_M32_B1_D01		GM_M32_B1_D01_MR
15	26907	GM_M32_B1_D02	GM_M32_B1_D02_MF	
	26908	GM_M32_B1_D02		GM_M32_B1_D02_MR
	26909	GM_M32_B1_D03	GM_M32_B1_D03_MF	
	26910	GM_M32_B1_D03		GM_M32_B1_D03_MR
	26911	GM_M32_B1_D04	GM_M32_B1_D04_MF	
20	26912	GM_M32_B1_D04		GM_M32_B1_D04_MR
	26913	GM_M32_B1_D05	GM_M32_B1_D05_MF	
	26914	GM_M32_B1_D05		GM_M32_B1_D05_MR
	26915	GM_M32_B1_D06	GM_M32_B1_D06_MF	
	26916	GM_M32_B1_D06		GM_M32_B1_D06_MR
25	26917	GM_M32_B1_D07	GM_M32_B1_D07_MF	
	26918	GM_M32_B1_D07		GM_M32_B1_D07_MR
	26919	GM_M32_B1_D08	GM_M32_B1_D08_MF	
	26920	GM_M32_B1_D08		GM_M32_B1_D08_MR
	26921	GM_M32_B1_D09	GM_M32_B1_D09_MF	
30	26922	GM_M32_B1_D09		GM_M32_B1_D09_MR
	26923	GM_M32_B1_D10	GM_M32_B1_D10_MF	
	26924	GM_M32_B1_D10		GM_M32_B1_D10_MR
	26925	GM_M32_B1_D11		GM_M32_B1_D11_MR
	26926	GM_M32_B1_D12	GM_M32_B1_D12_MF	
35	26927	GM_M32_B1_D12		GM_M32_B1_D12_MR
	26928	GM_M32_B1_E01	GM_M32_B1_E01_MF	
	26929	GM_M32_B1_E01		GM_M32_B1_E01_MR
	26930	GM_M32_B1_E02	GM_M32_B1_E02_MF	
	26931	GM_M32_B1_E02		GM_M32_B1_E02_MR
40	26932	GM_M32_B1_E03	GM_M32_B1_E03_MF	
	26933	GM_M32_B1_E03		GM_M32_B1_E03_MR
	26934	GM_M32_B1_E04	GM_M32_B1_E04_MF	
	26935	GM_M32_B1_E04		GM_M32_B1_E04_MR
	26936	GM_M32_B1_E05	GM_M32_B1_E05_MF	
45	26937	GM_M32_B1_E05		GM_M32_B1_E05_MR
	26938	GM_M32_B1_E06	GM_M32_B1_E06_MF	
	26939	GM_M32_B1_E06		GM_M32_B1_E06_MR
	26940	GM_M32_B1_E07	GM_M32_B1_E07_MF	
	26941	GM_M32_B1_E07		GM_M32_B1_E07_MR
50	26942	GM_M32_B1_E08	GM_M32_B1_E08_MF	
	26943	GM_M32_B1_E08		GM_M32_B1_E08_MR
	26944	GM_M32_B1_E09	GM_M32_B1_E09_MF	
	26945	GM_M32_B1_E09		GM_M32_B1_E09_MR
	26946	GM_M32_B1_E10	GM_M32_B1_E10_MF	
55	26947	GM_M32_B1_E10		GM_M32_B1_E10_MR

	26948	GM_M32_B1_E12	GM_M32_B1_E12_MF	
	26949	GM_M32_B1_E12		GM_M32_B1_E12_MR
	26950	GM_M32_B1_F01	GM_M32_B1_F01_MF	
	26951	GM_M32_B1_F01		GM_M32_B1_F01_MR
5	26952	GM_M32_B1_F02	GM_M32_B1_F02_MF	
	26953	GM_M32_B1_F02		GM_M32_B1_F02_MR
	26954	GM_M32_B1_F03	GM_M32_B1_F03_MF	
	26955	GM_M32_B1_F03		GM_M32_B1_F03_MR
	26956	GM_M32_B1_F04	GM_M32_B1_F04_MF	
10	26957	GM_M32_B1_F04		GM_M32_B1_F04_MR
	26958	GM_M32_B1_F05	GM_M32_B1_F05_MF	
	26959	GM_M32_B1_F05		GM_M32_B1_F05_MR
	26960	GM_M32_B1_F06	GM_M32_B1_F06_MF	
	26961	GM_M32_B1_F06		GM_M32_B1_F06_MR
15	26962	GM_M32_B1_F07	GM_M32_B1_F07_MF	
	26963	GM_M32_B1_F07		GM_M32_B1_F07_MR
	26964	GM_M32_B1_F08	GM_M32_B1_F08_MF	
	26965	GM_M32_B1_F08		GM_M32_B1_F08_MR
	26966	GM_M32_B1_F09	GM_M32_B1_F09_MF	
20	26967	GM_M32_B1_F09		GM_M32_B1_F09_MR
	26968	GM_M32_B1_F10	GM_M32_B1_F10_MF	
	26969	GM_M32_B1_F10		GM_M32_B1_F10_MR
	26970	GM_M32_B1_F11	GM_M32_B1_F11_MF	
	26971	GM_M32_B1_F11		GM_M32_B1_F11_MR
25	26972	GM_M32_B1_F12	GM_M32_B1_F12_MF	
	26973	GM_M32_B1_F12		GM_M32_B1_F12_MR
	26974	GM_M32_B1_G01	GM_M32_B1_G01_MF	
	26975	GM_M32_B1_G01		GM_M32_B1_G01_MR
	26976	GM_M32_B1_G02	GM_M32_B1_G02_MF	
30	26977	GM_M32_B1_G02		GM_M32_B1_G02_MR
	26978	GM_M32_B1_G03	GM_M32_B1_G03_MF	
	26979	GM_M32_B1_G03		GM_M32_B1_G03_MR
	26980	GM_M32_B1_G04	GM_M32_B1_G04_MF	
	26981	GM_M32_B1_G04		GM_M32_B1_G04_MR
35	26982	GM_M32_B1_G05	GM_M32_B1_G05_MF	
	26983	GM_M32_B1_G06	GM_M32_B1_G06_MF	
	26984	GM_M32_B1_G06		GM_M32_B1_G06_MR
	26985	GM_M32_B1_G07		GM_M32_B1_G07_MR
	26986	GM_M32_B1_G08	GM_M32_B1_G08_MF	
40	26987	GM_M32_B1_G08		GM_M32_B1_G08_MR
	26988	GM_M32_B1_G09	GM_M32_B1_G09_MF	
	26989	GM_M32_B1_G09		GM_M32_B1_G09_MR
	26990	GM_M32_B1_G10	GM_M32_B1_G10_MF	
	26991	GM_M32_B1_G10		GM_M32_B1_G10_MR
45	26992	GM_M32_B1_G11	GM_M32_B1_G11_MF	
	26993	GM_M32_B1_G11		GM_M32_B1_G11_MR
	26994	GM_M32_B1_G12	GM_M32_B1_G12_MF	
	26995	GM_M32_B1_G12		GM_M32_B1_G12_MR
	26996	GM_M32_B1_H01	GM_M32_B1_H01_MF	
50	26997	GM_M32_B1_H01		GM_M32_B1_H01_MR
	26998	GM_M32_B1_H02	GM_M32_B1_H02_MF	
	26999	GM_M32_B1_H02		GM_M32_B1_H02_MR
	27000	GM_M32_B1_H03	GM_M32_B1_H03_MF	
	27001	GM_M32_B1_H03		GM_M32_B1_H03_MR
55	27002	GM_M32_B1_H04	GM_M32_B1_H04_MF	

	27003	GM_M32_B1_H04		GM_M32_B1_H04_MR
	27004	GM_M32_B1_H05	GM_M32_B1_H05_MF	
	27005	GM_M32_B1_H05		GM_M32_B1_H05_MR
	27006	GM_M32_B1_H06	GM_M32_B1_H06_MF	
5	27007	GM_M32_B1_H06		GM_M32_B1_H06_MR
	27008	GM_M32_B1_H07	GM_M32_B1_H07_MF	
	27009	GM_M32_B1_H07		GM_M32_B1_H07_MR
	27010	GM_M32_B1_H08	GM_M32_B1_H08_MF	
	27011	GM_M32_B1_H08		GM_M32_B1_H08_MR
10	27012	GM_M32_B1_H09	GM_M32_B1_H09_MF	
	27013	GM_M32_B1_H09		GM_M32_B1_H09_MR
	27014	GM_M32_B1_H10	GM_M32_B1_H10_MF	
	27015	GM_M32_B1_H10		GM_M32_B1_H10_MR
	27016	GM_M32_B1_H11		GM_M32_B1_H11_MR
15	27017	GM_M32_B1_H12	GM_M32_B1_H12_MF	
	27018	GM_M32_B1_H12		GM_M32_B1_H12_MR
	27019	GM_M32_B2_A02	GM_M32_B2_A02_MF	
	27020	GM_M32_B2_A02		GM_M32_B2_A02_MR
	27021	GM_M32_B2_A03	GM_M32_B2_A03_MF	
20	27022	GM_M32_B2_A03		GM_M32_B2_A03_MR
	27023	GM_M32_B2_A04		GM_M32_B2_A04_MR
	27024	GM_M32_B2_A05	GM_M32_B2_A05_MF	
	27025	GM_M32_B2_A05		GM_M32_B2_A05_MR
	27026	GM_M32_B2_A06	GM_M32_B2_A06_MF	
25	27027	GM_M32_B2_A06		GM_M32_B2_A06_MR
	27028	GM_M32_B2_A07	GM_M32_B2_A07_MF	
	27029	GM_M32_B2_A07		GM_M32_B2_A07_MR
	27030	GM_M32_B2_A08		GM_M32_B2_A08_MR
	27031	GM_M32_B2_A09	GM_M32_B2_A09_MF	
30	27032	GM_M32_B2_A09		GM_M32_B2_A09_MR
	27033	GM_M32_B2_A10	GM_M32_B2_A10_MF	
	27034	GM_M32_B2_A10		GM_M32_B2_A10_MR
	27035	GM_M32_B2_A11	GM_M32_B2_A11_MF	
	27036	GM_M32_B2_A11		GM_M32_B2_A11_MR
35	27037	GM_M32_B2_A12	GM_M32_B2_A12_MF	
	27038	GM_M32_B2_A12		GM_M32_B2_A12_MR
	27039	GM_M32_B2_B01	GM_M32_B2_B01_MF	
	27040	GM_M32_B2_B01		GM_M32_B2_B01_MR
	27041	GM_M32_B2_B02	GM_M32_B2_B02_MF	
40	27042	GM_M32_B2_B02		GM_M32_B2_B02_MR
	27043	GM_M32_B2_B03	GM_M32_B2_B03_MF	
	27044	GM_M32_B2_B03		GM_M32_B2_B03_MR
	27045	GM_M32_B2_B04	GM_M32_B2_B04_MF	
	27046	GM_M32_B2_B04		GM_M32_B2_B04_MR
45	27047	GM_M32_B2_B05	GM_M32_B2_B05_MF	
	27048	GM_M32_B2_B05		GM_M32_B2_B05_MR
	27049	GM_M32_B2_B06	GM_M32_B2_B06_MF	
	27050	GM_M32_B2_B06		GM_M32_B2_B06_MR
	27051	GM_M32_B2_B07	GM_M32_B2_B07_MF	
50	27052	GM_M32_B2_B07		GM_M32_B2_B07_MR
	27053	GM_M32_B2_B08	GM_M32_B2_B08_MF	
	27054	GM_M32_B2_B08		GM_M32_B2_B08_MR
	27055	GM_M32_B2_B09	GM_M32_B2_B09_MF	
	27056	GM_M32_B2_B09		GM_M32_B2_B09_MR
55	27057	GM_M32_B2_B10	GM_M32_B2_B10_MF	

	27058	GM_M32_B2_B10		GM_M32_B2_B10_MR
	27059	GM_M32_B2_B11	GM_M32_B2_B11_MF	
	27060	GM_M32_B2_B11		GM_M32_B2_B11_MR
	27061	GM_M32_B2_B12	GM_M32_B2_B12_MF	
5	27062	GM_M32_B2_B12		GM_M32_B2_B12_MR
	27063	GM_M32_B2_C01	GM_M32_B2_C01_MF	
	27064	GM_M32_B2_C01		GM_M32_B2_C01_MR
	27065	GM_M32_B2_C02	GM_M32_B2_C02_MF	
	27066	GM_M32_B2_C02		GM_M32_B2_C02_MR
10	27067	GM_M32_B2_C03		GM_M32_B2_C03_MR
	27068	GM_M32_B2_C04	GM_M32_B2_C04_MF	
	27069	GM_M32_B2_C04		GM_M32_B2_C04_MR
	27070	GM_M32_B2_C05	GM_M32_B2_C05_MF	
	27071	GM_M32_B2_C05		GM_M32_B2_C05_MR
15	27072	GM_M32_B2_C06		GM_M32_B2_C06_MR
	27073	GM_M32_B2_C07	GM_M32_B2_C07_MF	
	27074	GM_M32_B2_C07		GM_M32_B2_C07_MR
	27075	GM_M32_B2_C08	GM_M32_B2_C08_MF	
	27076	GM_M32_B2_C08		GM_M32_B2_C08_MR
20	27077	GM_M32_B2_C09	GM_M32_B2_C09_MF	
	27078	GM_M32_B2_C09		GM_M32_B2_C09_MR
	27079	GM_M32_B2_C10	GM_M32_B2_C10_MF	
	27080	GM_M32_B2_C10		GM_M32_B2_C10_MR
	27081	GM_M32_B2_C11	GM_M32_B2_C11_MF	
25	27082	GM_M32_B2_C12	GM_M32_B2_C12_MF	
	27083	GM_M32_B2_C12		GM_M32_B2_C12_MR
	27084	GM_M32_B2_D01		GM_M32_B2_D01_MR
	27085	GM_M32_B2_D02	GM_M32_B2_D02_MF	
	27086	GM_M32_B2_D02		GM_M32_B2_D02_MR
30	27087	GM_M32_B2_D03		GM_M32_B2_D03_MR
	27088	GM_M32_B2_D04	GM_M32_B2_D04_MF	
	27089	GM_M32_B2_D04		GM_M32_B2_D04_MR
	27090	GM_M32_B2_D05	GM_M32_B2_D05_MF	
	27091	GM_M32_B2_D05		GM_M32_B2_D05_MR
35	27092	GM_M32_B2_D06	GM_M32_B2_D06_MF	
	27093	GM_M32_B2_D06		GM_M32_B2_D06_MR
	27094	GM_M32_B2_D07		GM_M32_B2_D07_MR
	27095	GM_M32_B2_D08	GM_M32_B2_D08_MF	
	27096	GM_M32_B2_D08		GM_M32_B2_D08_MR
40	27097	GM_M32_B2_D09	GM_M32_B2_D09_MF	
	27098	GM_M32_B2_D09		GM_M32_B2_D09_MR
	27099	GM_M32_B2_D10	GM_M32_B2_D10_MF	
	27100	GM_M32_B2_D10		GM_M32_B2_D10_MR
	27101	GM_M32_B2_D11	GM_M32_B2_D11_MF	
45	27102	GM_M32_B2_D11		GM_M32_B2_D11_MR
	27103	GM_M32_B2_D12	GM_M32_B2_D12_MF	
	27104	GM_M32_B2_D12		GM_M32_B2_D12_MR
	27105	GM_M32_B2_E01	GM_M32_B2_E01_MF	
	27106	GM_M32_B2_E01		GM_M32_B2_E01_MR
50	27107	GM_M32_B2_E02	GM_M32_B2_E02_MF	
	27108	GM_M32_B2_E02		GM_M32_B2_E02_MR
	27109	GM_M32_B2_E03	GM_M32_B2_E03_MF	
	27110	GM_M32_B2_E03		GM_M32_B2_E03_MR
	27111	GM_M32_B2_E04		GM_M32_B2_E04_MR
55	27112	GM_M32_B2_E05	GM_M32_B2_E05_MF	

	27113	GM_M32_B2_E05		GM_M32_B2_E05_MR
	27114	GM_M32_B2_E06	GM_M32_B2_E06_MF	
	27115	GM_M32_B2_E06		GM_M32_B2_E06_MR
	27116	GM_M32_B2_E07	GM_M32_B2_E07_MF	
5	27117	GM_M32_B2_E08	GM_M32_B2_E08_MF	
	27118	GM_M32_B2_E08		GM_M32_B2_E08_MR
	27119	GM_M32_B2_E09	GM_M32_B2_E09_MF	
	27120	GM_M32_B2_E09		GM_M32_B2_E09_MR
	27121	GM_M32_B2_E10	GM_M32_B2_E10_MF	
10	27122	GM_M32_B2_E10		GM_M32_B2_E10_MR
	27123	GM_M32_B2_E11	GM_M32_B2_E11_MF	
	27124	GM_M32_B2_E11		GM_M32_B2_E11_MR
	27125	GM_M32_B2_E12	GM_M32_B2_E12_MF	
	27126	GM_M32_B2_E12		GM_M32_B2_E12_MR
15	27127	GM_M32_B2_F01	GM_M32_B2_F01_MF	
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	27129	GM_M32_B2_F03	GM_M32_B2_F03_MF	
	27130	GM_M32_B2_F03		GM_M32_B2_F03_MR
	27131	GM_M32_B2_F04	GM_M32_B2_F04_MF	
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	27133	GM_M32_B2_F05	GM_M32_B2_F05_MF	
	27134	GM_M32_B2_F05		GM_M32_B2_F05_MR
	27135	GM_M32_B2_F07	GM_M32_B2_F07_MF	
	27136	GM_M32_B2_F07		GM_M32_B2_F07_MR
25	27137	GM_M32_B2_F08	GM_M32_B2_F08_MF	
	27138	GM_M32_B2_F08		GM_M32_B2_F08_MR
	27139	GM_M32_B2_F09	GM_M32_B2_F09_MF	
	27140	GM_M32_B2_F09		GM_M32_B2_F09_MR
	27141	GM_M32_B2_F10	GM_M32_B2_F10_MF	
30	27142	GM_M32_B2_F10		GM_M32_B2_F10_MR
	27143	GM_M32_B2_F11	GM_M32_B2_F11_MF	
	27144	GM_M32_B2_F11		GM_M32_B2_F11_MR
	27145	GM_M32_B2_F12	GM_M32_B2_F12_MF	
	27146	GM_M32_B2_F12		GM_M32_B2_F12_MR
35	27147	GM_M32_B2_G01	GM_M32_B2_G01_MF	
	27148	GM_M32_B2_G01		GM_M32_B2_G01_MR
	27149	GM_M32_B2_G02	GM_M32_B2_G02_MF	
	27150	GM_M32_B2_G02		GM_M32_B2_G02_MR
	27151	GM_M32_B2_G03	GM_M32_B2_G03_MF	
40	27152	GM_M32_B2_G03		GM_M32_B2_G03_MR
	27153	GM_M32_B2_G04	GM_M32_B2_G04_MF	
	27154	GM_M32_B2_G04		GM_M32_B2_G04_MR
	27155	GM_M32_B2_G05	GM_M32_B2_G05_MF	
	27156	GM_M32_B2_G05		GM_M32_B2_G05_MR
45	27157	GM_M32_B2_G06	GM_M32_B2_G06_MF	
	27158	GM_M32_B2_G06		GM_M32_B2_G06_MR
	27159	GM_M32_B2_G08		GM_M32_B2_G08_MR
	27160	GM_M32_B2_G09	GM_M32_B2_G09_MF	
	27161	GM_M32_B2_G10	GM_M32_B2_G10_MF	
50	27162	GM_M32_B2_G10		GM_M32_B2_G10_MR
	27163	GM_M32_B2_G11		GM_M32_B2_G11_MR
	27164	GM_M32_B2_G12	GM_M32_B2_G12_MF	
	27165	GM_M32_B2_G12		GM_M32_B2_G12_MR
	27166	GM_M32_B2_H01	GM_M32_B2_H01_MF	
55	27167	GM_M32_B2_H01		GM_M32_B2_H01_MR

	27168	GM_M32_B2_H03	GM_M32_B2_H03_MF	
	27169	GM_M32_B2_H03		GM_M32_B2_H03_MR
	27170	GM_M32_B2_H04	GM_M32_B2_H04_MF	
	27171	GM_M32_B2_H04		GM_M32_B2_H04_MR
5	27172	GM_M32_B2_H05		GM_M32_B2_H05_MR
	27173	GM_M32_B2_H06		GM_M32_B2_H06_MR
	27174	GM_M32_B2_H07	GM_M32_B2_H07_MF	
	27175	GM_M32_B2_H07		GM_M32_B2_H07_MR
	27176	GM_M32_B2_H08	GM_M32_B2_H08_MF	
10	27177	GM_M32_B2_H08		GM_M32_B2_H08_MR
	27178	GM_M32_B2_H09	GM_M32_B2_H09_MF	
	27179	GM_M32_B2_H09		GM_M32_B2_H09_MR
	27180	GM_M32_B2_H10	GM_M32_B2_H10_MF	
	27181	GM_M32_B2_H10		GM_M32_B2_H10_MR
15	27182	GM_M32_B2_H11	GM_M32_B2_H11_MF	
	27183	GM_M32_B2_H11		GM_M32_B2_H11_MR
	27184	GM_M32_B2_H12	GM_M32_B2_H12_MF	
	27185	GM_M32_B2_H12		GM_M32_B2_H12_MR
	27186	GM_M33_A1_A02	GM_M33_A1_A02_MF	
20	27187	GM_M33_A1_A02		GM_M33_A1_A02_MR
	27188	GM_M33_A1_A04	GM_M33_A1_A04_MF	
	27189	GM_M33_A1_A04		GM_M33_A1_A04_MR
	27190	GM_M33_A1_A05	GM_M33_A1_A05_MF	
	27191	GM_M33_A1_A05		GM_M33_A1_A05_MR
25	27192	GM_M33_A1_A07		GM_M33_A1_A07_MR
	27193	GM_M33_A1_A09	GM_M33_A1_A09_MF	
	27194	GM_M33_A1_A09		GM_M33_A1_A09_MR
	27195	GM_M33_A1_A10	GM_M33_A1_A10_MF	
	27196	GM_M33_A1_A10		GM_M33_A1_A10_MR
30	27197	GM_M33_A1_A12	GM_M33_A1_A12_MF	
	27198	GM_M33_A1_A12		GM_M33_A1_A12_MR
	27199	GM_M33_A1_B01	GM_M33_A1_B01_MF	
	27200	GM_M33_A1_B02	GM_M33_A1_B02_MF	
	27201	GM_M33_A1_B02		GM_M33_A1_B02_MR
35	27202	GM_M33_A1_B03	GM_M33_A1_B03_MF	
	27203	GM_M33_A1_B03		GM_M33_A1_B03_MR
	27204	GM_M33_A1_B04	GM_M33_A1_B04_MF	
	27205	GM_M33_A1_B04		GM_M33_A1_B04_MR
	27206	GM_M33_A1_B05	GM_M33_A1_B05_MF	
40	27207	GM_M33_A1_B05		GM_M33_A1_B05_MR
	27208	GM_M33_A1_B06	GM_M33_A1_B06_MF	
	27209	GM_M33_A1_B06		GM_M33_A1_B06_MR
	27210	GM_M33_A1_B07	GM_M33_A1_B07_MF	
	27211	GM_M33_A1_B07		GM_M33_A1_B07_MR
45	27212	GM_M33_A1_B08	GM_M33_A1_B08_MF	
	27213	GM_M33_A1_B08		GM_M33_A1_B08_MR
	27214	GM_M33_A1_B10	GM_M33_A1_B10_MF	
	27215	GM_M33_A1_B10		GM_M33_A1_B10_MR
	27216	GM_M33_A1_B11	GM_M33_A1_B11_MF	
50	27217	GM_M33_A1_B11		GM_M33_A1_B11_MR
	27218	GM_M33_A1_B12	GM_M33_A1_B12_MF	
	27219	GM_M33_A1_B12		GM_M33_A1_B12_MR
	27220	GM_M33_A1_C01	GM_M33_A1_C01_MF	
	27221	GM_M33_A1_C01		GM_M33_A1_C01_MR
55	27222	GM_M33_A1_C02	GM_M33_A1_C02_MF	

	27223	GM_M33_A1_C02		GM_M33_A1_C02_MR
	27224	GM_M33_A1_C03	GM_M33_A1_C03_MF	
	27225	GM_M33_A1_C03		GM_M33_A1_C03_MR
	27226	GM_M33_A1_C04	GM_M33_A1_C04_MF	
5	27227	GM_M33_A1_C04		GM_M33_A1_C04_MR
	27228	GM_M33_A1_C05	GM_M33_A1_C05_MF	
	27229	GM_M33_A1_C05		GM_M33_A1_C05_MR
	27230	GM_M33_A1_C06	GM_M33_A1_C06_MF	
	27231	GM_M33_A1_C06		GM_M33_A1_C06_MR
10	27232	GM_M33_A1_C07	GM_M33_A1_C07_MF	
	27233	GM_M33_A1_C07		GM_M33_A1_C07_MR
	27234	GM_M33_A1_C08		GM_M33_A1_C08_MR
	27235	GM_M33_A1_C09		GM_M33_A1_C09_MR
	27236	GM_M33_A1_C10	GM_M33_A1_C10_MF	
15	27237	GM_M33_A1_C10		GM_M33_A1_C10_MR
	27238	GM_M33_A1_C11	GM_M33_A1_C11_MF	
	27239	GM_M33_A1_C11		GM_M33_A1_C11_MR
	27240	GM_M33_A1_C12	GM_M33_A1_C12_MF	
	27241	GM_M33_A1_C12		GM_M33_A1_C12_MR
20	27242	GM_M33_A1_D01	GM_M33_A1_D01_MF	
	27243	GM_M33_A1_D01		GM_M33_A1_D01_MR
	27244	GM_M33_A1_D02	GM_M33_A1_D02_MF	
	27245	GM_M33_A1_D02		GM_M33_A1_D02_MR
25	27246	GM_M33_A1_D03	GM_M33_A1_D03_MF	
	27247	GM_M33_A1_D03		GM_M33_A1_D03_MR
	27248	GM_M33_A1_D04	GM_M33_A1_D04_MF	
	27249	GM_M33_A1_D05	GM_M33_A1_D05_MF	
	27250	GM_M33_A1_D05		GM_M33_A1_D05_MR
	27251	GM_M33_A1_D06	GM_M33_A1_D06_MF	
30	27252	GM_M33_A1_D06		GM_M33_A1_D06_MR
	27253	GM_M33_A1_D07	GM_M33_A1_D07_MF	
	27254	GM_M33_A1_D07		GM_M33_A1_D07_MR
	27255	GM_M33_A1_D08	GM_M33_A1_D08_MF	
	27256	GM_M33_A1_D08		GM_M33_A1_D08_MR
35	27257	GM_M33_A1_D09	GM_M33_A1_D09_MF	
	27258	GM_M33_A1_D09		GM_M33_A1_D09_MR
	27259	GM_M33_A1_D10	GM_M33_A1_D10_MF	
	27260	GM_M33_A1_D10		GM_M33_A1_D10_MR
	27261	GM_M33_A1_D11	GM_M33_A1_D11_MF	
40	27262	GM_M33_A1_D11		GM_M33_A1_D11_MR
	27263	GM_M33_A1_D12	GM_M33_A1_D12_MF	
	27264	GM_M33_A1_D12		GM_M33_A1_D12_MR
	27265	GM_M33_A1_E01	GM_M33_A1_E01_MF	
	27266	GM_M33_A1_E01		GM_M33_A1_E01_MR
45	27267	GM_M33_A1_E04	GM_M33_A1_E04_MF	
	27268	GM_M33_A1_E04		GM_M33_A1_E04_MR
	27269	GM_M33_A1_E05		GM_M33_A1_E05_MR
	27270	GM_M33_A1_E06	GM_M33_A1_E06_MF	
	27271	GM_M33_A1_E06		GM_M33_A1_E06_MR
50	27272	GM_M33_A1_E08	GM_M33_A1_E08_MF	
	27273	GM_M33_A1_E08		GM_M33_A1_E08_MR
	27274	GM_M33_A1_E09	GM_M33_A1_E09_MF	
	27275	GM_M33_A1_E09		GM_M33_A1_E09_MR
	27276	GM_M33_A1_E10	GM_M33_A1_E10_MF	
55	27277	GM_M33_A1_E10		GM_M33_A1_E10_MR

	27278	GM_M33_A1_E11	GM_M33_A1_E11_MF	
	27279	GM_M33_A1_E11		GM_M33_A1_E11_MR
	27280	GM_M33_A1_E12	GM_M33_A1_E12_MF	
	27281	GM_M33_A1_E12		GM_M33_A1_E12_MR
5	27282	GM_M33_A1_F01	GM_M33_A1_F01_MF	
	27283	GM_M33_A1_F01		GM_M33_A1_F01_MR
	27284	GM_M33_A1_F02	GM_M33_A1_F02_MF	
	27285	GM_M33_A1_F02		GM_M33_A1_F02_MR
	27286	GM_M33_A1_F03	GM_M33_A1_F03_MF	
10	27287	GM_M33_A1_F03		GM_M33_A1_F03_MR
	27288	GM_M33_A1_F04	GM_M33_A1_F04_MF	
	27289	GM_M33_A1_F04		GM_M33_A1_F04_MR
	27290	GM_M33_A1_F05		GM_M33_A1_F05_MR
	27291	GM_M33_A1_F06		GM_M33_A1_F06_MR
15	27292	GM_M33_A1_F07	GM_M33_A1_F07_MF	
	27293	GM_M33_A1_F07		GM_M33_A1_F07_MR
	27294	GM_M33_A1_F08	GM_M33_A1_F08_MF	
	27295	GM_M33_A1_F10	GM_M33_A1_F10_MF	
	27296	GM_M33_A1_F10		GM_M33_A1_F10_MR
20	27297	GM_M33_A1_F11	GM_M33_A1_F11_MF	
	27298	GM_M33_A1_F11		GM_M33_A1_F11_MR
	27299	GM_M33_A1_F12		GM_M33_A1_F12_MR
	27300	GM_M33_A1_G01	GM_M33_A1_G01_MF	
	27301	GM_M33_A1_G01		GM_M33_A1_G01_MR
25	27302	GM_M33_A1_G02		GM_M33_A1_G02_MR
	27303	GM_M33_A1_G03	GM_M33_A1_G03_MF	
	27304	GM_M33_A1_G03		GM_M33_A1_G03_MR
	27305	GM_M33_A1_G04	GM_M33_A1_G04_MF	
	27306	GM_M33_A1_G04		GM_M33_A1_G04_MR
30	27307	GM_M33_A1_G05	GM_M33_A1_G05_MF	
	27308	GM_M33_A1_G05		GM_M33_A1_G05_MR
	27309	GM_M33_A1_G06	GM_M33_A1_G06_MF	
	27310	GM_M33_A1_G07	GM_M33_A1_G07_MF	
	27311	GM_M33_A1_G07		GM_M33_A1_G07_MR
35	27312	GM_M33_A1_G08	GM_M33_A1_G08_MF	
	27313	GM_M33_A1_G08		GM_M33_A1_G08_MR
	27314	GM_M33_A1_G09	GM_M33_A1_G09_MF	
	27315	GM_M33_A1_G09		GM_M33_A1_G09_MR
	27316	GM_M33_A1_G10	GM_M33_A1_G10_MF	
40	27317	GM_M33_A1_G10		GM_M33_A1_G10_MR
	27318	GM_M33_A1_G11	GM_M33_A1_G11_MF	
	27319	GM_M33_A1_G11		GM_M33_A1_G11_MR
	27320	GM_M33_A1_G12	GM_M33_A1_G12_MF	
	27321	GM_M33_A1_G12		GM_M33_A1_G12_MR
45	27322	GM_M33_A1_H01	GM_M33_A1_H01_MF	
	27323	GM_M33_A1_H01		GM_M33_A1_H01_MR
	27324	GM_M33_A1_H02	GM_M33_A1_H02_MF	
	27325	GM_M33_A1_H02		GM_M33_A1_H02_MR
	27326	GM_M33_A1_H04	GM_M33_A1_H04_MF	
50	27327	GM_M33_A1_H04		GM_M33_A1_H04_MR
	27328	GM_M33_A1_H05	GM_M33_A1_H05_MF	
	27329	GM_M33_A1_H05		GM_M33_A1_H05_MR
	27330	GM_M33_A1_H06	GM_M33_A1_H06_MF	
	27331	GM_M33_A1_H07	GM_M33_A1_H07_MF	
55	27332	GM_M33_A1_H07		GM_M33_A1_H07_MR

	27333	GM_M33_A1_H08	GM_M33_A1_H08_MF	
	27334	GM_M33_A1_H08		GM_M33_A1_H08_MR
	27335	GM_M33_A1_H09	GM_M33_A1_H09_MF	
	27336	GM_M33_A1_H09		GM_M33_A1_H09_MR
5	27337	GM_M33_A1_H10	GM_M33_A1_H10_MF	
	27338	GM_M33_A1_H10		GM_M33_A1_H10_MR
	27339	GM_M33_A1_H11	GM_M33_A1_H11_MF	
	27340	GM_M33_A1_H11		GM_M33_A1_H11_MR
	27341	GM_M33_A1_H12	GM_M33_A1_H12_MF	
10	27342	GM_M33_A1_H12		GM_M33_A1_H12_MR
	27343	GM_M33_A2_A02		GM_M33_A2_A02_MR
	27344	GM_M33_A2_A03	GM_M33_A2_A03_MF	
	27345	GM_M33_A2_A03		GM_M33_A2_A03_MR
	27346	GM_M33_A2_A04	GM_M33_A2_A04_MF	
15	27347	GM_M33_A2_A04		GM_M33_A2_A04_MR
	27348	GM_M33_A2_A06	GM_M33_A2_A06_MF	
	27349	GM_M33_A2_A06		GM_M33_A2_A06_MR
	27350	GM_M33_A2_A07	GM_M33_A2_A07_MF	
	27351	GM_M33_A2_A07		GM_M33_A2_A07_MR
20	27352	GM_M33_A2_A08	GM_M33_A2_A08_MF	
	27353	GM_M33_A2_A08		GM_M33_A2_A08_MR
	27354	GM_M33_A2_A09	GM_M33_A2_A09_MF	
	27355	GM_M33_A2_A10	GM_M33_A2_A10_MF	
	27356	GM_M33_A2_A10		GM_M33_A2_A10_MR
25	27357	GM_M33_A2_A11	GM_M33_A2_A11_MF	
	27358	GM_M33_A2_A12	GM_M33_A2_A12_MF	
	27359	GM_M33_A2_B01	GM_M33_A2_B01_MF	
	27360	GM_M33_A2_B02	GM_M33_A2_B02_MF	
	27361	GM_M33_A2_B02		GM_M33_A2_B02_MR
30	27362	GM_M33_A2_B03	GM_M33_A2_B03_MF	
	27363	GM_M33_A2_B03		GM_M33_A2_B03_MR
	27364	GM_M33_A2_B04	GM_M33_A2_B04_MF	
	27365	GM_M33_A2_B04		GM_M33_A2_B04_MR
	27366	GM_M33_A2_B05	GM_M33_A2_B05_MF	
35	27367	GM_M33_A2_B05		GM_M33_A2_B05_MR
	27368	GM_M33_A2_B06	GM_M33_A2_B06_MF	
	27369	GM_M33_A2_B06		GM_M33_A2_B06_MR
	27370	GM_M33_A2_B07	GM_M33_A2_B07_MF	
	27371	GM_M33_A2_B07		GM_M33_A2_B07_MR
40	27372	GM_M33_A2_B08	GM_M33_A2_B08_MF	
	27373	GM_M33_A2_B08		GM_M33_A2_B08_MR
	27374	GM_M33_A2_B09	GM_M33_A2_B09_MF	
	27375	GM_M33_A2_B09		GM_M33_A2_B09_MR
	27376	GM_M33_A2_B10	GM_M33_A2_B10_MF	
45	27377	GM_M33_A2_B10		GM_M33_A2_B10_MR
	27378	GM_M33_A2_B11	GM_M33_A2_B11_MF	
	27379	GM_M33_A2_B11		GM_M33_A2_B11_MR
	27380	GM_M33_A2_B12	GM_M33_A2_B12_MF	
	27381	GM_M33_A2_B12		GM_M33_A2_B12_MR
50	27382	GM_M33_A2_C01	GM_M33_A2_C01_MF	
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	27384	GM_M33_A2_C03	GM_M33_A2_C03_MF	
	27385	GM_M33_A2_C03		GM_M33_A2_C03_MR
	27386	GM_M33_A2_C04	GM_M33_A2_C04_MF	
55	27387	GM_M33_A2_C04		GM_M33_A2_C04_MR

	27388	GM_M33_A2_C05	GM_M33_A2_C05_MF	
	27389	GM_M33_A2_C05		GM_M33_A2_C05_MR
	27390	GM_M33_A2_C06	GM_M33_A2_C06_MF	
	27391	GM_M33_A2_C06		GM_M33_A2_C06_MR
5	27392	GM_M33_A2_C09	GM_M33_A2_C09_MF	
	27393	GM_M33_A2_C09		GM_M33_A2_C09_MR
	27394	GM_M33_A2_C10	GM_M33_A2_C10_MF	
	27395	GM_M33_A2_C10		GM_M33_A2_C10_MR
	27396	GM_M33_A2_C11	GM_M33_A2_C11_MF	
10	27397	GM_M33_A2_C11		GM_M33_A2_C11_MR
	27398	GM_M33_A2_C12	GM_M33_A2_C12_MF	
	27399	GM_M33_A2_C12		GM_M33_A2_C12_MR
	27400	GM_M33_A2_D01	GM_M33_A2_D01_MF	
	27401	GM_M33_A2_D01		GM_M33_A2_D01_MR
15	27402	GM_M33_A2_D02	GM_M33_A2_D02_MF	
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	27404	GM_M33_A2_D03	GM_M33_A2_D03_MF	
	27405	GM_M33_A2_D03		GM_M33_A2_D03_MR
	27406	GM_M33_A2_D04	GM_M33_A2_D04_MF	
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	27408	GM_M33_A2_D05	GM_M33_A2_D05_MF	
	27409	GM_M33_A2_D05		GM_M33_A2_D05_MR
	27410	GM_M33_A2_D06	GM_M33_A2_D06_MF	
	27411	GM_M33_A2_D07	GM_M33_A2_D07_MF	
25	27412	GM_M33_A2_D07		GM_M33_A2_D07_MR
	27413	GM_M33_A2_D08	GM_M33_A2_D08_MF	
	27414	GM_M33_A2_D08		GM_M33_A2_D08_MR
	27415	GM_M33_A2_D09	GM_M33_A2_D09_MF	
	27416	GM_M33_A2_D09		GM_M33_A2_D09_MR
30	27417	GM_M33_A2_D10	GM_M33_A2_D10_MF	
	27418	GM_M33_A2_D10		GM_M33_A2_D10_MR
	27419	GM_M33_A2_D11	GM_M33_A2_D11_MF	
	27420	GM_M33_A2_D11		GM_M33_A2_D11_MR
	27421	GM_M33_A2_D12	GM_M33_A2_D12_MF	
35	27422	GM_M33_A2_D12		GM_M33_A2_D12_MR
	27423	GM_M33_A2_E02	GM_M33_A2_E02_MF	
	27424	GM_M33_A2_E02		GM_M33_A2_E02_MR
	27425	GM_M33_A2_E03	GM_M33_A2_E03_MF	
	27426	GM_M33_A2_E04	GM_M33_A2_E04_MF	
40	27427	GM_M33_A2_E05		GM_M33_A2_E05_MR
	27428	GM_M33_A2_E06	GM_M33_A2_E06_MF	
	27429	GM_M33_A2_E07	GM_M33_A2_E07_MF	
	27430	GM_M33_A2_E07		GM_M33_A2_E07_MR
	27431	GM_M33_A2_E08	GM_M33_A2_E08_MF	
45	27432	GM_M33_A2_E08		GM_M33_A2_E08_MR
	27433	GM_M33_A2_E09	GM_M33_A2_E09_MF	
	27434	GM_M33_A2_E09		GM_M33_A2_E09_MR
	27435	GM_M33_A2_E10	GM_M33_A2_E10_MF	
	27436	GM_M33_A2_E10		GM_M33_A2_E10_MR
50	27437	GM_M33_A2_E11	GM_M33_A2_E11_MF	
	27438	GM_M33_A2_E11		GM_M33_A2_E11_MR
	27439	GM_M33_A2_E12	GM_M33_A2_E12_MF	
	27440	GM_M33_A2_F01	GM_M33_A2_F01_MF	
	27441	GM_M33_A2_F01		GM_M33_A2_F01_MR
55	27442	GM_M33_A2_F02	GM_M33_A2_F02_MF	

	27443	GM_M33_A2_F02		GM_M33_A2_F02_MR
	27444	GM_M33_A2_F03	GM_M33_A2_F03_MF	
	27445	GM_M33_A2_F03		GM_M33_A2_F03_MR
	27446	GM_M33_A2_F04	GM_M33_A2_F04_MF	
5	27447	GM_M33_A2_F04		GM_M33_A2_F04_MR
	27448	GM_M33_A2_F05	GM_M33_A2_F05_MF	
	27449	GM_M33_A2_F05		GM_M33_A2_F05_MR
	27450	GM_M33_A2_F06	GM_M33_A2_F06_MF	
	27451	GM_M33_A2_F06		GM_M33_A2_F06_MR
10	27452	GM_M33_A2_F07	GM_M33_A2_F07_MF	
	27453	GM_M33_A2_F07		GM_M33_A2_F07_MR
	27454	GM_M33_A2_F08	GM_M33_A2_F08_MF	
	27455	GM_M33_A2_F08		GM_M33_A2_F08_MR
	27456	GM_M33_A2_F09		GM_M33_A2_F09_MR
15	27457	GM_M33_A2_F10	GM_M33_A2_F10_MF	
	27458	GM_M33_A2_F10		GM_M33_A2_F10_MR
	27459	GM_M33_A2_F11	GM_M33_A2_F11_MF	
	27460	GM_M33_A2_F11		GM_M33_A2_F11_MR
20	27461	GM_M33_A2_F12	GM_M33_A2_F12_MF	
	27462	GM_M33_A2_F12		GM_M33_A2_F12_MR
	27463	GM_M33_A2_G01	GM_M33_A2_G01_MF	
	27464	GM_M33_A2_G01		GM_M33_A2_G01_MR
	27465	GM_M33_A2_G02	GM_M33_A2_G02_MF	
	27466	GM_M33_A2_G02		GM_M33_A2_G02_MR
25	27467	GM_M33_A2_G03	GM_M33_A2_G03_MF	
	27468	GM_M33_A2_G03		GM_M33_A2_G03_MR
	27469	GM_M33_A2_G04	GM_M33_A2_G04_MF	
	27470	GM_M33_A2_G04		GM_M33_A2_G04_MR
	27471	GM_M33_A2_G05	GM_M33_A2_G05_MF	
30	27472	GM_M33_A2_G06	GM_M33_A2_G06_MF	
	27473	GM_M33_A2_G07	GM_M33_A2_G07_MF	
	27474	GM_M33_A2_G07		GM_M33_A2_G07_MR
	27475	GM_M33_A2_G08	GM_M33_A2_G08_MF	
	27476	GM_M33_A2_G08		GM_M33_A2_G08_MR
35	27477	GM_M33_A2_G09	GM_M33_A2_G09_MF	
	27478	GM_M33_A2_G09		GM_M33_A2_G09_MR
	27479	GM_M33_A2_G10	GM_M33_A2_G10_MF	
	27480	GM_M33_A2_G10		GM_M33_A2_G10_MR
	27481	GM_M33_A2_G11	GM_M33_A2_G11_MF	
40	27482	GM_M33_A2_G11		GM_M33_A2_G11_MR
	27483	GM_M33_A2_G12	GM_M33_A2_G12_MF	
	27484	GM_M33_A2_H01	GM_M33_A2_H01_MF	
	27485	GM_M33_A2_H01		GM_M33_A2_H01_MR
	27486	GM_M33_A2_H02	GM_M33_A2_H02_MF	
45	27487	GM_M33_A2_H02		GM_M33_A2_H02_MR
	27488	GM_M33_A2_H03	GM_M33_A2_H03_MF	
	27489	GM_M33_A2_H04	GM_M33_A2_H04_MF	
	27490	GM_M33_A2_H04		GM_M33_A2_H04_MR
	27491	GM_M33_A2_H05	GM_M33_A2_H05_MF	
50	27492	GM_M33_A2_H05		GM_M33_A2_H05_MR
	27493	GM_M33_A2_H06	GM_M33_A2_H06_MF	
	27494	GM_M33_A2_H06		GM_M33_A2_H06_MR
	27495	GM_M33_A2_H07	GM_M33_A2_H07_MF	
	27496	GM_M33_A2_H07		GM_M33_A2_H07_MR
55	27497	GM_M33_A2_H08	GM_M33_A2_H08_MF	

	27498	GM_M33_A2_H08		GM_M33_A2_H08_MR
	27499	GM_M33_A2_H09	GM_M33_A2_H09_MF	
	27500	GM_M33_A2_H09		GM_M33_A2_H09_MR
	27501	GM_M33_A2_H10	GM_M33_A2_H10_MF	
5	27502	GM_M33_A2_H10		GM_M33_A2_H10_MR
	27503	GM_M33_A2_H11	GM_M33_A2_H11_MF	
	27504	GM_M33_A2_H11		GM_M33_A2_H11_MR
	27505	GM_M33_A2_H12	GM_M33_A2_H12_MF	
	27506	GM_M33_A2_H12		GM_M33_A2_H12_MR
10	27507	GM_M33_B1_A01	GM_M33_B1_A01_MF	
	27508	GM_M33_B1_A02	GM_M33_B1_A02_MF	
	27509	GM_M33_B1_A04	GM_M33_B1_A04_MF	
	27510	GM_M33_B1_A06	GM_M33_B1_A06_MF	
	27511	GM_M33_B1_A08	GM_M33_B1_A08_MF	
15	27512	GM_M33_B1_A11	GM_M33_B1_A11_MF	
	27513	GM_M33_B1_A12	GM_M33_B1_A12_MF	
	27514	GM_M33_B1_B01	GM_M33_B1_B01_MF	
	27515	GM_M33_B1_B02	GM_M33_B1_B02_MF	
	27516	GM_M33_B1_B03	GM_M33_B1_B03_MF	
20	27517	GM_M33_B1_B07	GM_M33_B1_B07_MF	
	27518	GM_M33_B1_B09	GM_M33_B1_B09_MF	
	27519	GM_M33_B1_B10	GM_M33_B1_B10_MF	
	27520	GM_M33_B1_B12	GM_M33_B1_B12_MF	
	27521	GM_M33_B1_C01	GM_M33_B1_C01_MF	
25	27522	GM_M33_B1_C05	GM_M33_B1_C05_MF	
	27523	GM_M33_B1_C06	GM_M33_B1_C06_MF	
	27524	GM_M33_B1_C08	GM_M33_B1_C08_MF	
	27525	GM_M33_B1_C10	GM_M33_B1_C10_MF	
	27526	GM_M33_B1_C11	GM_M33_B1_C11_MF	
30	27527	GM_M33_B1_D01	GM_M33_B1_D01_MF	
	27528	GM_M33_B1_D03	GM_M33_B1_D03_MF	
	27529	GM_M33_B1_D04	GM_M33_B1_D04_MF	
	27530	GM_M33_B1_D05	GM_M33_B1_D05_MF	
	27531	GM_M33_B1_D09	GM_M33_B1_D09_MF	
35	27532	GM_M33_B1_E01	GM_M33_B1_E01_MF	
	27533	GM_M33_B1_E02	GM_M33_B1_E02_MF	
	27534	GM_M33_B1_E04	GM_M33_B1_E04_MF	
	27535	GM_M33_B1_E05	GM_M33_B1_E05_MF	
	27536	GM_M33_B1_E06	GM_M33_B1_E06_MF	
40	27537	GM_M33_B1_E07	GM_M33_B1_E07_MF	
	27538	GM_M33_B1_E08	GM_M33_B1_E08_MF	
	27539	GM_M33_B1_E09	GM_M33_B1_E09_MF	
	27540	GM_M33_B1_E10	GM_M33_B1_E10_MF	
	27541	GM_M33_B1_E11	GM_M33_B1_E11_MF	
45	27542	GM_M33_B1_E12	GM_M33_B1_E12_MF	
	27543	GM_M33_B1_F01	GM_M33_B1_F01_MF	
	27544	GM_M33_B1_F05	GM_M33_B1_F05_MF	
	27545	GM_M33_B1_F06	GM_M33_B1_F06_MF	
	27546	GM_M33_B1_F07	GM_M33_B1_F07_MF	
50	27547	GM_M33_B1_F08	GM_M33_B1_F08_MF	
	27548	GM_M33_B1_F10	GM_M33_B1_F10_MF	
	27549	GM_M33_B1_G01	GM_M33_B1_G01_MF	
	27550	GM_M33_B1_G03	GM_M33_B1_G03_MF	
	27551	GM_M33_B1_G04	GM_M33_B1_G04_MF	
55	27552	GM_M33_B1_G06	GM_M33_B1_G06_MF	

	27553	GM_M33_B1_G07	GM_M33_B1_G07_MF	
	27554	GM_M33_B1_G08	GM_M33_B1_G08_MF	
	27555	GM_M33_B1_G09	GM_M33_B1_G09_MF	
	27556	GM_M33_B1_G10	GM_M33_B1_G10_MF	
5	27557	GM_M33_B1_G11	GM_M33_B1_G11_MF	
	27558	GM_M33_B1_G12	GM_M33_B1_G12_MF	
	27559	GM_M33_B1_H03	GM_M33_B1_H03_MF	
	27560	GM_M33_B1_H05	GM_M33_B1_H05_MF	
	27561	GM_M33_B1_H06	GM_M33_B1_H06_MF	
10	27562	GM_M33_B1_H07	GM_M33_B1_H07_MF	
	27563	GM_M33_B1_H08	GM_M33_B1_H08_MF	
	27564	GM_M33_B1_H09	GM_M33_B1_H09_MF	
	27565	GM_M33_B1_H10	GM_M33_B1_H10_MF	
	27566	GM_M33_B1_H11	GM_M33_B1_H11_MF	
15	27567	GM_M33_B1_H12	GM_M33_B1_H12_MF	
	27568	GM_M33_B2_A02	GM_M33_B2_A02_MR	
	27569	GM_M33_B2_A03	GM_M33_B2_A03_MR	
	27570	GM_M33_B2_A04	GM_M33_B2_A04_MR	
	27571	GM_M33_B2_A05	GM_M33_B2_A05_MR	
20	27572	GM_M33_B2_A08	GM_M33_B2_A08_MR	
	27573	GM_M33_B2_A09	GM_M33_B2_A09_MR	
	27574	GM_M33_B2_A11	GM_M33_B2_A11_MR	
	27575	GM_M33_B2_A12	GM_M33_B2_A12_MR	
	27576	GM_M33_B2_B01	GM_M33_B2_B01_MR	
25	27577	GM_M33_B2_B02	GM_M33_B2_B02_MR	
	27578	GM_M33_B2_B03	GM_M33_B2_B03_MR	
	27579	GM_M33_B2_B04	GM_M33_B2_B04_MR	
	27580	GM_M33_B2_B05	GM_M33_B2_B05_MR	
	27581	GM_M33_B2_B07	GM_M33_B2_B07_MR	
30	27582	GM_M33_B2_B08	GM_M33_B2_B08_MR	
	27583	GM_M33_B2_B09	GM_M33_B2_B09_MR	
	27584	GM_M33_B2_B10	GM_M33_B2_B10_MR	
	27585	GM_M33_B2_B11	GM_M33_B2_B11_MR	
	27586	GM_M33_B2_C01	GM_M33_B2_C01_MR	
35	27587	GM_M33_B2_C02	GM_M33_B2_C02_MR	
	27588	GM_M33_B2_C03	GM_M33_B2_C03_MR	
	27589	GM_M33_B2_C04	GM_M33_B2_C04_MR	
	27590	GM_M33_B2_C05	GM_M33_B2_C05_MR	
	27591	GM_M33_B2_C06	GM_M33_B2_C06_MR	
40	27592	GM_M33_B2_C07	GM_M33_B2_C07_MR	
	27593	GM_M33_B2_C08	GM_M33_B2_C08_MR	
	27594	GM_M33_B2_C09	GM_M33_B2_C09_MR	
	27595	GM_M33_B2_C10	GM_M33_B2_C10_MR	
	27596	GM_M33_B2_C11	GM_M33_B2_C11_MR	
45	27597	GM_M33_B2_C12	GM_M33_B2_C12_MR	
	27598	GM_M33_B2_D01	GM_M33_B2_D01_MR	
	27599	GM_M33_B2_D02	GM_M33_B2_D02_MR	
	27600	GM_M33_B2_D03	GM_M33_B2_D03_MR	
	27601	GM_M33_B2_D04	GM_M33_B2_D04_MR	
50	27602	GM_M33_B2_D05	GM_M33_B2_D05_MR	
	27603	GM_M33_B2_D06	GM_M33_B2_D06_MR	
	27604	GM_M33_B2_D07	GM_M33_B2_D07_MR	
	27605	GM_M33_B2_D08	GM_M33_B2_D08_MR	
	27606	GM_M33_B2_D09	GM_M33_B2_D09_MR	
55	27607	GM_M33_B2_D10	GM_M33_B2_D10_MR	

	27608	GM_M33_B2_D11		GM_M33_B2_D11_MR
	27609	GM_M33_B2_D12		GM_M33_B2_D12_MR
	27610	GM_M33_B2_E01		GM_M33_B2_E01_MR
	27611	GM_M33_B2_E02		GM_M33_B2_E02_MR
5	27612	GM_M33_B2_E03		GM_M33_B2_E03_MR
	27613	GM_M33_B2_E05		GM_M33_B2_E05_MR
	27614	GM_M33_B2_E06		GM_M33_B2_E06_MR
	27615	GM_M33_B2_E07		GM_M33_B2_E07_MR
	27616	GM_M33_B2_E08		GM_M33_B2_E08_MR
10	27617	GM_M33_B2_E10		GM_M33_B2_E10_MR
	27618	GM_M33_B2_E11		GM_M33_B2_E11_MR
	27619	GM_M33_B2_F01		GM_M33_B2_F01_MR
	27620	GM_M33_B2_F02		GM_M33_B2_F02_MR
	27621	GM_M33_B2_F03		GM_M33_B2_F03_MR
15	27622	GM_M33_B2_F04		GM_M33_B2_F04_MR
	27623	GM_M33_B2_F05		GM_M33_B2_F05_MR
	27624	GM_M33_B2_F07		GM_M33_B2_F07_MR
	27625	GM_M33_B2_F08		GM_M33_B2_F08_MR
	27626	GM_M33_B2_F09		GM_M33_B2_F09_MR
20	27627	GM_M33_B2_F10		GM_M33_B2_F10_MR
	27628	GM_M33_B2_F11		GM_M33_B2_F11_MR
	27629	GM_M33_B2_F12		GM_M33_B2_F12_MR
	27630	GM_M33_B2_G01		GM_M33_B2_G01_MR
	27631	GM_M33_B2_G02		GM_M33_B2_G02_MR
25	27632	GM_M33_B2_G03		GM_M33_B2_G03_MR
	27633	GM_M33_B2_G04		GM_M33_B2_G04_MR
	27634	GM_M33_B2_G05		GM_M33_B2_G05_MR
	27635	GM_M33_B2_G06		GM_M33_B2_G06_MR
	27636	GM_M33_B2_G07		GM_M33_B2_G07_MR
30	27637	GM_M33_B2_G08		GM_M33_B2_G08_MR
	27638	GM_M33_B2_G09		GM_M33_B2_G09_MR
	27639	GM_M33_B2_G10		GM_M33_B2_G10_MR
	27640	GM_M33_B2_G12		GM_M33_B2_G12_MR
	27641	GM_M33_B2_H01		GM_M33_B2_H01_MR
35	27642	GM_M33_B2_H02		GM_M33_B2_H02_MR
	27643	GM_M33_B2_H03		GM_M33_B2_H03_MR
	27644	GM_M33_B2_H04		GM_M33_B2_H04_MR
	27645	GM_M33_B2_H05		GM_M33_B2_H05_MR
	27646	GM_M33_B2_H06		GM_M33_B2_H06_MR
40	27647	GM_M33_B2_H07		GM_M33_B2_H07_MR
	27648	GM_M33_B2_H08		GM_M33_B2_H08_MR
	27649	GM_M33_B2_H09		GM_M33_B2_H09_MR
	27650	GM_M33_B2_H10		GM_M33_B2_H10_MR
	27651	GM_M33_B2_H11		GM_M33_B2_H11_MR
45	27652	GM_M33_B2_H12		GM_M33_B2_H12_MR
	27653	GM_M34_A1_A02	GM_M34_A1_A02_MF	GM_M34_A1_A02_MR
	27654	GM_M34_A1_A02		
	27655	GM_M34_A1_A03	GM_M34_A1_A03_MF	GM_M34_A1_A03_MR
	27656	GM_M34_A1_A03		
50	27657	GM_M34_A1_A04	GM_M34_A1_A04_MF	GM_M34_A1_A04_MR
	27658	GM_M34_A1_A04		
	27659	GM_M34_A1_A05	GM_M34_A1_A05_MF	GM_M34_A1_A05_MR
	27660	GM_M34_A1_A05		
	27661	GM_M34_A1_A07	GM_M34_A1_A07_MF	GM_M34_A1_A07_MR
55	27662	GM_M34_A1_A07		

	27663	GM_M34_A1_A08	GM_M34_A1_A08_MF	
	27664	GM_M34_A1_A08		GM_M34_A1_A08_MR
	27665	GM_M34_A1_A09	GM_M34_A1_A09_MF	
	27666	GM_M34_A1_A09		GM_M34_A1_A09_MR
5	27667	GM_M34_A1_A10	GM_M34_A1_A10_MF	
	27668	GM_M34_A1_A10		GM_M34_A1_A10_MR
	27669	GM_M34_A1_A11	GM_M34_A1_A11_MF	
	27670	GM_M34_A1_A11		GM_M34_A1_A11_MR
	27671	GM_M34_A1_A12	GM_M34_A1_A12_MF	
10	27672	GM_M34_A1_A12		GM_M34_A1_A12_MR
	27673	GM_M34_A1_B01	GM_M34_A1_B01_MF	
	27674	GM_M34_A1_B01		GM_M34_A1_B01_MR
	27675	GM_M34_A1_B02	GM_M34_A1_B02_MF	
	27676	GM_M34_A1_B02		GM_M34_A1_B02_MR
15	27677	GM_M34_A1_B03	GM_M34_A1_B03_MF	
	27678	GM_M34_A1_B03		GM_M34_A1_B03_MR
	27679	GM_M34_A1_B04	GM_M34_A1_B04_MF	
	27680	GM_M34_A1_B04		GM_M34_A1_B04_MR
	27681	GM_M34_A1_B06	GM_M34_A1_B06_MF	
20	27682	GM_M34_A1_B06		GM_M34_A1_B06_MR
	27683	GM_M34_A1_B07	GM_M34_A1_B07_MF	
	27684	GM_M34_A1_B07		GM_M34_A1_B07_MR
	27685	GM_M34_A1_B08	GM_M34_A1_B08_MF	
	27686	GM_M34_A1_B08		GM_M34_A1_B08_MR
25	27687	GM_M34_A1_B09	GM_M34_A1_B09_MF	
	27688	GM_M34_A1_B09		GM_M34_A1_B09_MR
	27689	GM_M34_A1_B10	GM_M34_A1_B10_MF	
	27690	GM_M34_A1_B10		GM_M34_A1_B10_MR
	27691	GM_M34_A1_B11	GM_M34_A1_B11_MF	
30	27692	GM_M34_A1_B11		GM_M34_A1_B11_MR
	27693	GM_M34_A1_B12	GM_M34_A1_B12_MF	
	27694	GM_M34_A1_B12		GM_M34_A1_B12_MR
	27695	GM_M34_A1_C01	GM_M34_A1_C01_MF	
	27696	GM_M34_A1_C01		GM_M34_A1_C01_MR
35	27697	GM_M34_A1_C02	GM_M34_A1_C02_MF	
	27698	GM_M34_A1_C02		GM_M34_A1_C02_MR
	27699	GM_M34_A1_C03	GM_M34_A1_C03_MF	
	27700	GM_M34_A1_C03		GM_M34_A1_C03_MR
	27701	GM_M34_A1_C04		GM_M34_A1_C04_MR
40	27702	GM_M34_A1_C05	GM_M34_A1_C05_MF	
	27703	GM_M34_A1_C05		GM_M34_A1_C05_MR
	27704	GM_M34_A1_C06	GM_M34_A1_C06_MF	
	27705	GM_M34_A1_C06		GM_M34_A1_C06_MR
	27706	GM_M34_A1_C07	GM_M34_A1_C07_MF	
45	27707	GM_M34_A1_C07		GM_M34_A1_C07_MR
	27708	GM_M34_A1_C08	GM_M34_A1_C08_MF	
	27709	GM_M34_A1_C08		GM_M34_A1_C08_MR
	27710	GM_M34_A1_C09	GM_M34_A1_C09_MF	
	27711	GM_M34_A1_C09		GM_M34_A1_C09_MR
50	27712	GM_M34_A1_C10	GM_M34_A1_C10_MF	
	27713	GM_M34_A1_C10		GM_M34_A1_C10_MR
	27714	GM_M34_A1_C11	GM_M34_A1_C11_MF	
	27715	GM_M34_A1_C11		GM_M34_A1_C11_MR
	27716	GM_M34_A1_C12	GM_M34_A1_C12_MF	
55	27717	GM_M34_A1_C12		GM_M34_A1_C12_MR

	27718	GM_M34_A1_D01		GM_M34_A1_D01_MR
	27719	GM_M34_A1_D02	GM_M34_A1_D02_MF	
	27720	GM_M34_A1_D02		GM_M34_A1_D02_MR
	27721	GM_M34_A1_D03	GM_M34_A1_D03_MF	
5	27722	GM_M34_A1_D03		GM_M34_A1_D03_MR
	27723	GM_M34_A1_D04	GM_M34_A1_D04_MF	
	27724	GM_M34_A1_D04		GM_M34_A1_D04_MR
	27725	GM_M34_A1_D05	GM_M34_A1_D05_MF	
	27726	GM_M34_A1_D05		GM_M34_A1_D05_MR
10	27727	GM_M34_A1_D06	GM_M34_A1_D06_MF	
	27728	GM_M34_A1_D06		GM_M34_A1_D06_MR
	27729	GM_M34_A1_D07	GM_M34_A1_D07_MF	
	27730	GM_M34_A1_D07		GM_M34_A1_D07_MR
	27731	GM_M34_A1_D08	GM_M34_A1_D08_MF	
15	27732	GM_M34_A1_D08		GM_M34_A1_D08_MR
	27733	GM_M34_A1_D09	GM_M34_A1_D09_MF	
	27734	GM_M34_A1_D09		GM_M34_A1_D09_MR
	27735	GM_M34_A1_D10	GM_M34_A1_D10_MF	
	27736	GM_M34_A1_D10		GM_M34_A1_D10_MR
20	27737	GM_M34_A1_D11	GM_M34_A1_D11_MF	
	27738	GM_M34_A1_D11		GM_M34_A1_D11_MR
	27739	GM_M34_A1_D12	GM_M34_A1_D12_MF	
	27740	GM_M34_A1_D12		GM_M34_A1_D12_MR
	27741	GM_M34_A1_E01	GM_M34_A1_E01_MF	
25	27742	GM_M34_A1_E01		GM_M34_A1_E01_MR
	27743	GM_M34_A1_E03	GM_M34_A1_E03_MF	
	27744	GM_M34_A1_E03		GM_M34_A1_E03_MR
	27745	GM_M34_A1_E04	GM_M34_A1_E04_MF	
	27746	GM_M34_A1_E04		GM_M34_A1_E04_MR
30	27747	GM_M34_A1_E05	GM_M34_A1_E05_MF	
	27748	GM_M34_A1_E07	GM_M34_A1_E07_MF	
	27749	GM_M34_A1_E07		GM_M34_A1_E07_MR
	27750	GM_M34_A1_E08	GM_M34_A1_E08_MF	
	27751	GM_M34_A1_E08		GM_M34_A1_E08_MR
35	27752	GM_M34_A1_E09	GM_M34_A1_E09_MF	
	27753	GM_M34_A1_E09		GM_M34_A1_E09_MR
	27754	GM_M34_A1_E10	GM_M34_A1_E10_MF	
	27755	GM_M34_A1_E11	GM_M34_A1_E11_MF	
	27756	GM_M34_A1_E11		GM_M34_A1_E11_MR
40	27757	GM_M34_A1_E12	GM_M34_A1_E12_MF	
	27758	GM_M34_A1_E12		GM_M34_A1_E12_MR
	27759	GM_M34_A1_F01	GM_M34_A1_F01_MF	
	27760	GM_M34_A1_F01		GM_M34_A1_F01_MR
	27761	GM_M34_A1_F02	GM_M34_A1_F02_MF	
45	27762	GM_M34_A1_F02		GM_M34_A1_F02_MR
	27763	GM_M34_A1_F03	GM_M34_A1_F03_MF	
	27764	GM_M34_A1_F03		GM_M34_A1_F03_MR
	27765	GM_M34_A1_F04	GM_M34_A1_F04_MF	
	27766	GM_M34_A1_F04		GM_M34_A1_F04_MR
50	27767	GM_M34_A1_F05	GM_M34_A1_F05_MF	
	27768	GM_M34_A1_F05		GM_M34_A1_F05_MR
	27769	GM_M34_A1_F06	GM_M34_A1_F06_MF	
	27770	GM_M34_A1_F06		GM_M34_A1_F06_MR
	27771	GM_M34_A1_F07	GM_M34_A1_F07_MF	
55	27772	GM_M34_A1_F07		GM_M34_A1_F07_MR

	27773	GM_M34_A1_F08	GM_M34_A1_F08_MF	
	27774	GM_M34_A1_F08		GM_M34_A1_F08_MR
	27775	GM_M34_A1_F09	GM_M34_A1_F09_MF	
	27776	GM_M34_A1_F09		GM_M34_A1_F09_MR
5	27777	GM_M34_A1_F10	GM_M34_A1_F10_MF	
	27778	GM_M34_A1_F10		GM_M34_A1_F10_MR
	27779	GM_M34_A1_F11	GM_M34_A1_F11_MF	
	27780	GM_M34_A1_F11		GM_M34_A1_F11_MR
	27781	GM_M34_A1_F12	GM_M34_A1_F12_MF	
10	27782	GM_M34_A1_F12		GM_M34_A1_F12_MR
	27783	GM_M34_A1_G01	GM_M34_A1_G01_MF	
	27784	GM_M34_A1_G01		GM_M34_A1_G01_MR
	27785	GM_M34_A1_G02	GM_M34_A1_G02_MF	
	27786	GM_M34_A1_G02		GM_M34_A1_G02_MR
15	27787	GM_M34_A1_G03	GM_M34_A1_G03_MF	
	27788	GM_M34_A1_G03		GM_M34_A1_G03_MR
	27789	GM_M34_A1_G04	GM_M34_A1_G04_MF	
	27790	GM_M34_A1_G04		GM_M34_A1_G04_MR
	27791	GM_M34_A1_G05	GM_M34_A1_G05_MF	
20	27792	GM_M34_A1_G05		GM_M34_A1_G05_MR
	27793	GM_M34_A1_G06	GM_M34_A1_G06_MF	
	27794	GM_M34_A1_G06		GM_M34_A1_G06_MR
	27795	GM_M34_A1_G07	GM_M34_A1_G07_MF	
	27796	GM_M34_A1_G07		GM_M34_A1_G07_MR
25	27797	GM_M34_A1_G08	GM_M34_A1_G08_MF	
	27798	GM_M34_A1_G08		GM_M34_A1_G08_MR
	27799	GM_M34_A1_G09	GM_M34_A1_G09_MF	
	27800	GM_M34_A1_G09		GM_M34_A1_G09_MR
	27801	GM_M34_A1_G10	GM_M34_A1_G10_MF	
30	27802	GM_M34_A1_G10		GM_M34_A1_G10_MR
	27803	GM_M34_A1_G11	GM_M34_A1_G11_MF	
	27804	GM_M34_A1_G11		GM_M34_A1_G11_MR
	27805	GM_M34_A1_G12	GM_M34_A1_G12_MF	
	27806	GM_M34_A1_G12		GM_M34_A1_G12_MR
35	27807	GM_M34_A1_H01	GM_M34_A1_H01_MF	
	27808	GM_M34_A1_H01		GM_M34_A1_H01_MR
	27809	GM_M34_A1_H02	GM_M34_A1_H02_MF	
	27810	GM_M34_A1_H02		GM_M34_A1_H02_MR
	27811	GM_M34_A1_H03	GM_M34_A1_H03_MF	
40	27812	GM_M34_A1_H03		GM_M34_A1_H03_MR
	27813	GM_M34_A1_H04	GM_M34_A1_H04_MF	
	27814	GM_M34_A1_H04		GM_M34_A1_H04_MR
	27815	GM_M34_A1_H05	GM_M34_A1_H05_MF	
	27816	GM_M34_A1_H05		GM_M34_A1_H05_MR
45	27817	GM_M34_A1_H06	GM_M34_A1_H06_MF	
	27818	GM_M34_A1_H06		GM_M34_A1_H06_MR
	27819	GM_M34_A1_H07	GM_M34_A1_H07_MF	
	27820	GM_M34_A1_H07		GM_M34_A1_H07_MR
	27821	GM_M34_A1_H08	GM_M34_A1_H08_MF	
50	27822	GM_M34_A1_H08		GM_M34_A1_H08_MR
	27823	GM_M34_A1_H09	GM_M34_A1_H09_MF	
	27824	GM_M34_A1_H09		GM_M34_A1_H09_MR
	27825	GM_M34_A1_H10	GM_M34_A1_H10_MF	
	27826	GM_M34_A1_H10		GM_M34_A1_H10_MR
55	27827	GM_M34_A1_H11	GM_M34_A1_H11_MF	

	27828	GM_M34_A1_H11		GM_M34_A1_H11_MR
	27829	GM_M34_A1_H12	GM_M34_A1_H12_MF	
	27830	GM_M34_A1_H12		GM_M34_A1_H12_MR
	27831	GM_M34_A2_A01	GM_M34_A2_A01_MF	
5	27832	GM_M34_A2_A02	GM_M34_A2_A02_MF	
	27833	GM_M34_A2_A03	GM_M34_A2_A03_MF	
	27834	GM_M34_A2_A04	GM_M34_A2_A04_MF	
	27835	GM_M34_A2_A07	GM_M34_A2_A07_MF	
	27836	GM_M34_A2_A08	GM_M34_A2_A08_MF	
10	27837	GM_M34_A2_A09	GM_M34_A2_A09_MF	
	27838	GM_M34_A2_A10	GM_M34_A2_A10_MF	
	27839	GM_M34_A2_A11	GM_M34_A2_A11_MF	
	27840	GM_M34_A2_A12	GM_M34_A2_A12_MF	
	27841	GM_M34_A2_B01	GM_M34_A2_B01_MF	
15	27842	GM_M34_A2_B02	GM_M34_A2_B02_MF	
	27843	GM_M34_A2_B03	GM_M34_A2_B03_MF	
	27844	GM_M34_A2_B04	GM_M34_A2_B04_MF	
	27845	GM_M34_A2_B05	GM_M34_A2_B05_MF	
	27846	GM_M34_A2_B06	GM_M34_A2_B06_MF	
20	27847	GM_M34_A2_B07	GM_M34_A2_B07_MF	
	27848	GM_M34_A2_B08	GM_M34_A2_B08_MF	
	27849	GM_M34_A2_B09	GM_M34_A2_B09_MF	
	27850	GM_M34_A2_B10	GM_M34_A2_B10_MF	
	27851	GM_M34_A2_B11	GM_M34_A2_B11_MF	
25	27852	GM_M34_A2_B12	GM_M34_A2_B12_MF	
	27853	GM_M34_A2_C01	GM_M34_A2_C01_MF	
	27854	GM_M34_A2_C02	GM_M34_A2_C02_MF	
	27855	GM_M34_A2_C03	GM_M34_A2_C03_MF	
	27856	GM_M34_A2_C04	GM_M34_A2_C04_MF	
30	27857	GM_M34_A2_C06	GM_M34_A2_C06_MF	
	27858	GM_M34_A2_C07	GM_M34_A2_C07_MF	
	27859	GM_M34_A2_C08	GM_M34_A2_C08_MF	
	27860	GM_M34_A2_C09	GM_M34_A2_C09_MF	
	27861	GM_M34_A2_C10	GM_M34_A2_C10_MF	
35	27862	GM_M34_A2_C11	GM_M34_A2_C11_MF	
	27863	GM_M34_A2_C12	GM_M34_A2_C12_MF	
	27864	GM_M34_A2_D01	GM_M34_A2_D01_MF	
	27865	GM_M34_A2_D02	GM_M34_A2_D02_MF	
	27866	GM_M34_A2_D03	GM_M34_A2_D03_MF	
40	27867	GM_M34_A2_D04	GM_M34_A2_D04_MF	
	27868	GM_M34_A2_D06	GM_M34_A2_D06_MF	
	27869	GM_M34_A2_D07	GM_M34_A2_D07_MF	
	27870	GM_M34_A2_D09	GM_M34_A2_D09_MF	
	27871	GM_M34_A2_D10	GM_M34_A2_D10_MF	
45	27872	GM_M34_A2_D11	GM_M34_A2_D11_MF	
	27873	GM_M34_A2_D12	GM_M34_A2_D12_MF	
	27874	GM_M34_A2_E01	GM_M34_A2_E01_MF	
	27875	GM_M34_A2_E03	GM_M34_A2_E03_MF	
	27876	GM_M34_A2_E04	GM_M34_A2_E04_MF	
50	27877	GM_M34_A2_E05	GM_M34_A2_E05_MF	
	27878	GM_M34_A2_E06	GM_M34_A2_E06_MF	
	27879	GM_M34_A2_E08	GM_M34_A2_E08_MF	
	27880	GM_M34_A2_E09	GM_M34_A2_E09_MF	
	27881	GM_M34_A2_E10	GM_M34_A2_E10_MF	
55	27882	GM_M34_A2_E11	GM_M34_A2_E11_MF	

	27883	GM_M34_A2_E12	GM_M34_A2_E12_MF	
	27884	GM_M34_A2_F01	GM_M34_A2_F01_MF	
	27885	GM_M34_A2_F02	GM_M34_A2_F02_MF	
	27886	GM_M34_A2_F03	GM_M34_A2_F03_MF	
5	27887	GM_M34_A2_F04	GM_M34_A2_F04_MF	
	27888	GM_M34_A2_F05	GM_M34_A2_F05_MF	
	27889	GM_M34_A2_F06	GM_M34_A2_F06_MF	
	27890	GM_M34_A2_F07	GM_M34_A2_F07_MF	
	27891	GM_M34_A2_F08	GM_M34_A2_F08_MF	
10	27892	GM_M34_A2_F09	GM_M34_A2_F09_MF	
	27893	GM_M34_A2_F10	GM_M34_A2_F10_MF	
	27894	GM_M34_A2_F11	GM_M34_A2_F11_MF	
	27895	GM_M34_A2_F12	GM_M34_A2_F12_MF	
	27896	GM_M34_A2_G01	GM_M34_A2_G01_MF	
15	27897	GM_M34_A2_G02	GM_M34_A2_G02_MF	
	27898	GM_M34_A2_G03	GM_M34_A2_G03_MF	
	27899	GM_M34_A2_G04	GM_M34_A2_G04_MF	
	27900	GM_M34_A2_G05	GM_M34_A2_G05_MF	
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	27904	GM_M34_A2_G09	GM_M34_A2_G09_MF	
	27905	GM_M34_A2_G10	GM_M34_A2_G10_MF	
	27906	GM_M34_A2_G11	GM_M34_A2_G11_MF	
25	27907	GM_M34_A2_G12	GM_M34_A2_G12_MF	
	27908	GM_M34_A2_H01	GM_M34_A2_H01_MF	
	27909	GM_M34_A2_H02	GM_M34_A2_H02_MF	
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	27913	GM_M34_A2_H06	GM_M34_A2_H06_MF	
	27914	GM_M34_A2_H07	GM_M34_A2_H07_MF	
	27915	GM_M34_A2_H08	GM_M34_A2_H08_MF	
	27916	GM_M34_A2_H09	GM_M34_A2_H09_MF	
35	27917	GM_M34_A2_H10	GM_M34_A2_H10_MF	
	27918	GM_M34_A2_H11	GM_M34_A2_H11_MF	
	27919	GM_M34_A2_H12	GM_M34_A2_H12_MF	
	27920	GM_M34_B1_A01	GM_M34_B1_A01_MF	
	27921	GM_M34_B1_A01		GM_M34_B1_A01_MR
40	27922	GM_M34_B1_A02	GM_M34_B1_A02_MF	
	27923	GM_M34_B1_A02		GM_M34_B1_A02_MR
	27924	GM_M34_B1_A03	GM_M34_B1_A03_MF	
	27925	GM_M34_B1_A03		GM_M34_B1_A03_MR
	27926	GM_M34_B1_A04	GM_M34_B1_A04_MF	
45	27927	GM_M34_B1_A04		GM_M34_B1_A04_MR
	27928	GM_M34_B1_A05		GM_M34_B1_A05_MR
	27929	GM_M34_B1_A06	GM_M34_B1_A06_MF	
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	27931	GM_M34_B1_A08	GM_M34_B1_A08_MF	
50	27932	GM_M34_B1_A08		GM_M34_B1_A08_MR
	27933	GM_M34_B1_A09		GM_M34_B1_A09_MR
	27934	GM_M34_B1_A10	GM_M34_B1_A10_MF	
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	27936	GM_M34_B1_A11	GM_M34_B1_A11_MF	
55	27937	GM_M34_B1_A12	GM_M34_B1_A12_MF	

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	27939	GM_M34_B1_B01	GM_M34_B1_B01_MF	
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	27941	GM_M34_B1_B02	GM_M34_B1_B02_MF	
5	27942	GM_M34_B1_B02		GM_M34_B1_B02_MR
	27943	GM_M34_B1_B03	GM_M34_B1_B03_MF	
	27944	GM_M34_B1_B03		GM_M34_B1_B03_MR
	27945	GM_M34_B1_B04	GM_M34_B1_B04_MF	
	27946	GM_M34_B1_B04		GM_M34_B1_B04_MR
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	27949	GM_M34_B1_B06	GM_M34_B1_B06_MF	
	27950	GM_M34_B1_B06		GM_M34_B1_B06_MR
	27951	GM_M34_B1_B07	GM_M34_B1_B07_MF	
15	27952	GM_M34_B1_B07		GM_M34_B1_B07_MR
	27953	GM_M34_B1_B08	GM_M34_B1_B08_MF	
	27954	GM_M34_B1_B08		GM_M34_B1_B08_MR
	27955	GM_M34_B1_B09	GM_M34_B1_B09_MF	
	27956	GM_M34_B1_B09		GM_M34_B1_B09_MR
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	27959	GM_M34_B1_B11	GM_M34_B1_B11_MF	
	27960	GM_M34_B1_B11		GM_M34_B1_B11_MR
	27961	GM_M34_B1_B12	GM_M34_B1_B12_MF	
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	27963	GM_M34_B1_C01	GM_M34_B1_C01_MF	
	27964	GM_M34_B1_C01		GM_M34_B1_C01_MR
	27965	GM_M34_B1_C02	GM_M34_B1_C02_MF	
	27966	GM_M34_B1_C02		GM_M34_B1_C02_MR
30	27967	GM_M34_B1_C03	GM_M34_B1_C03_MF	
	27968	GM_M34_B1_C03		GM_M34_B1_C03_MR
	27969	GM_M34_B1_C05	GM_M34_B1_C05_MF	
	27970	GM_M34_B1_C05		GM_M34_B1_C05_MR
	27971	GM_M34_B1_C06	GM_M34_B1_C06_MF	
35	27972	GM_M34_B1_C06		GM_M34_B1_C06_MR
	27973	GM_M34_B1_C07	GM_M34_B1_C07_MF	
	27974	GM_M34_B1_C07		GM_M34_B1_C07_MR
	27975	GM_M34_B1_C08	GM_M34_B1_C08_MF	
	27976	GM_M34_B1_C08		GM_M34_B1_C08_MR
40	27977	GM_M34_B1_C09	GM_M34_B1_C09_MF	
	27978	GM_M34_B1_C09		GM_M34_B1_C09_MR
	27979	GM_M34_B1_C10	GM_M34_B1_C10_MF	
	27980	GM_M34_B1_C10		GM_M34_B1_C10_MR
	27981	GM_M34_B1_C11	GM_M34_B1_C11_MF	
45	27982	GM_M34_B1_C11		GM_M34_B1_C11_MR
	27983	GM_M34_B1_C12	GM_M34_B1_C12_MF	
	27984	GM_M34_B1_C12		GM_M34_B1_C12_MR
	27985	GM_M34_B1_D01	GM_M34_B1_D01_MF	
	27986	GM_M34_B1_D01		GM_M34_B1_D01_MR
50	27987	GM_M34_B1_D02	GM_M34_B1_D02_MF	
	27988	GM_M34_B1_D02		GM_M34_B1_D02_MR
	27989	GM_M34_B1_D03	GM_M34_B1_D03_MF	
	27990	GM_M34_B1_D03		GM_M34_B1_D03_MR
	27991	GM_M34_B1_D04	GM_M34_B1_D04_MF	
55	27992	GM_M34_B1_D04		GM_M34_B1_D04_MR

	27993	GM_M34_B1_D05	GM_M34_B1_D05_MF	
	27994	GM_M34_B1_D05		GM_M34_B1_D05_MR
	27995	GM_M34_B1_D06	GM_M34_B1_D06_MF	
	27996	GM_M34_B1_D06		GM_M34_B1_D06_MR
5	27997	GM_M34_B1_D07	GM_M34_B1_D07_MF	
	27998	GM_M34_B1_D07		GM_M34_B1_D07_MR
	27999	GM_M34_B1_D08	GM_M34_B1_D08_MF	
	28000	GM_M34_B1_D08		GM_M34_B1_D08_MR
	28001	GM_M34_B1_D09	GM_M34_B1_D09_MF	
10	28002	GM_M34_B1_D09		GM_M34_B1_D09_MR
	28003	GM_M34_B1_D10	GM_M34_B1_D10_MF	
	28004	GM_M34_B1_D10		GM_M34_B1_D10_MR
	28005	GM_M34_B1_D11	GM_M34_B1_D11_MF	
	28006	GM_M34_B1_D11		GM_M34_B1_D11_MR
15	28007	GM_M34_B1_D12	GM_M34_B1_D12_MF	
	28008	GM_M34_B1_D12		GM_M34_B1_D12_MR
	28009	GM_M34_B1_E01	GM_M34_B1_E01_MF	
	28010	GM_M34_B1_E01		GM_M34_B1_E01_MR
	28011	GM_M34_B1_E02	GM_M34_B1_E02_MF	
20	28012	GM_M34_B1_E02		GM_M34_B1_E02_MR
	28013	GM_M34_B1_E03	GM_M34_B1_E03_MF	
	28014	GM_M34_B1_E03		GM_M34_B1_E03_MR
	28015	GM_M34_B1_E04	GM_M34_B1_E04_MF	
	28016	GM_M34_B1_E04		GM_M34_B1_E04_MR
25	28017	GM_M34_B1_E05	GM_M34_B1_E05_MF	
	28018	GM_M34_B1_E05		GM_M34_B1_E05_MR
	28019	GM_M34_B1_E06	GM_M34_B1_E06_MF	
	28020	GM_M34_B1_E06		GM_M34_B1_E06_MR
	28021	GM_M34_B1_E07	GM_M34_B1_E07_MF	
30	28022	GM_M34_B1_E07		GM_M34_B1_E07_MR
	28023	GM_M34_B1_E08	GM_M34_B1_E08_MF	
	28024	GM_M34_B1_E08		GM_M34_B1_E08_MR
	28025	GM_M34_B1_E09	GM_M34_B1_E09_MF	
	28026	GM_M34_B1_E09		GM_M34_B1_E09_MR
35	28027	GM_M34_B1_E10	GM_M34_B1_E10_MF	
	28028	GM_M34_B1_E10		GM_M34_B1_E10_MR
	28029	GM_M34_B1_E11	GM_M34_B1_E11_MF	
	28030	GM_M34_B1_E11		GM_M34_B1_E11_MR
	28031	GM_M34_B1_E12	GM_M34_B1_E12_MF	
40	28032	GM_M34_B1_E12		GM_M34_B1_E12_MR
	28033	GM_M34_B1_F01	GM_M34_B1_F01_MF	
	28034	GM_M34_B1_F01		GM_M34_B1_F01_MR
	28035	GM_M34_B1_F02	GM_M34_B1_F02_MF	
	28036	GM_M34_B1_F02		GM_M34_B1_F02_MR
45	28037	GM_M34_B1_F03	GM_M34_B1_F03_MF	
	28038	GM_M34_B1_F03		GM_M34_B1_F03_MR
	28039	GM_M34_B1_F04	GM_M34_B1_F04_MF	
	28040	GM_M34_B1_F04		GM_M34_B1_F04_MR
	28041	GM_M34_B1_F05	GM_M34_B1_F05_MF	
50	28042	GM_M34_B1_F05		GM_M34_B1_F05_MR
	28043	GM_M34_B1_F06	GM_M34_B1_F06_MF	
	28044	GM_M34_B1_F06		GM_M34_B1_F06_MR
	28045	GM_M34_B1_F07	GM_M34_B1_F07_MF	
	28046	GM_M34_B1_F07		GM_M34_B1_F07_MR
55	28047	GM_M34_B1_F08	GM_M34_B1_F08_MF	

	28048	GM_M34_B1_F08		GM_M34_B1_F08_MR
	28049	GM_M34_B1_F09	GM_M34_B1_F09_MF	
	28050	GM_M34_B1_F09		GM_M34_B1_F09_MR
	28051	GM_M34_B1_F10	GM_M34_B1_F10_MF	
5	28052	GM_M34_B1_F10		GM_M34_B1_F10_MR
	28053	GM_M34_B1_F11	GM_M34_B1_F11_MF	
	28054	GM_M34_B1_F11		GM_M34_B1_F11_MR
	28055	GM_M34_B1_F12	GM_M34_B1_F12_MF	
	28056	GM_M34_B1_F12		GM_M34_B1_F12_MR
10	28057	GM_M34_B1_G01	GM_M34_B1_G01_MF	
	28058	GM_M34_B1_G01		GM_M34_B1_G01_MR
	28059	GM_M34_B1_G02	GM_M34_B1_G02_MF	
	28060	GM_M34_B1_G02		GM_M34_B1_G02_MR
	28061	GM_M34_B1_G03	GM_M34_B1_G03_MF	
15	28062	GM_M34_B1_G03		GM_M34_B1_G03_MR
	28063	GM_M34_B1_G04	GM_M34_B1_G04_MF	
	28064	GM_M34_B1_G04		GM_M34_B1_G04_MR
	28065	GM_M34_B1_G05	GM_M34_B1_G05_MF	
	28066	GM_M34_B1_G05		GM_M34_B1_G05_MR
20	28067	GM_M34_B1_G06	GM_M34_B1_G06_MF	
	28068	GM_M34_B1_G06		GM_M34_B1_G06_MR
	28069	GM_M34_B1_G07	GM_M34_B1_G07_MF	
	28070	GM_M34_B1_G07		GM_M34_B1_G07_MR
	28071	GM_M34_B1_G08	GM_M34_B1_G08_MF	
25	28072	GM_M34_B1_G08		GM_M34_B1_G08_MR
	28073	GM_M34_B1_G09	GM_M34_B1_G09_MF	
	28074	GM_M34_B1_G09		GM_M34_B1_G09_MR
	28075	GM_M34_B1_G10	GM_M34_B1_G10_MF	
	28076	GM_M34_B1_G10		GM_M34_B1_G10_MR
30	28077	GM_M34_B1_G11	GM_M34_B1_G11_MF	
	28078	GM_M34_B1_G11		GM_M34_B1_G11_MR
	28079	GM_M34_B1_G12	GM_M34_B1_G12_MF	
	28080	GM_M34_B1_G12		GM_M34_B1_G12_MR
	28081	GM_M34_B1_H01	GM_M34_B1_H01_MF	
35	28082	GM_M34_B1_H01		GM_M34_B1_H01_MR
	28083	GM_M34_B1_H02	GM_M34_B1_H02_MF	
	28084	GM_M34_B1_H02		GM_M34_B1_H02_MR
	28085	GM_M34_B1_H03	GM_M34_B1_H03_MF	
	28086	GM_M34_B1_H03		GM_M34_B1_H03_MR
40	28087	GM_M34_B1_H04	GM_M34_B1_H04_MF	
	28088	GM_M34_B1_H04		GM_M34_B1_H04_MR
	28089	GM_M34_B1_H05	GM_M34_B1_H05_MF	
	28090	GM_M34_B1_H05		GM_M34_B1_H05_MR
	28091	GM_M34_B1_H06	GM_M34_B1_H06_MF	
45	28092	GM_M34_B1_H06		GM_M34_B1_H06_MR
	28093	GM_M34_B1_H07	GM_M34_B1_H07_MF	
	28094	GM_M34_B1_H07		GM_M34_B1_H07_MR
	28095	GM_M34_B1_H08	GM_M34_B1_H08_MF	
	28096	GM_M34_B1_H08		GM_M34_B1_H08_MR
50	28097	GM_M34_B1_H09	GM_M34_B1_H09_MF	
	28098	GM_M34_B1_H09		GM_M34_B1_H09_MR
	28099	GM_M34_B1_H10	GM_M34_B1_H10_MF	
	28100	GM_M34_B1_H10		GM_M34_B1_H10_MR
	28101	GM_M34_B1_H11	GM_M34_B1_H11_MF	
55	28102	GM_M34_B1_H11		GM_M34_B1_H11_MR

	28103	GM_M34_B1_H12	GM_M34_B1_H12_MF	
	28104	GM_M34_B1_H12		GM_M34_B1_H12_MR
	28105	GM_M34_B2_A02	GM_M34_B2_A02_MF	
	28106	GM_M34_B2_A02		GM_M34_B2_A02_MR
5	28107	GM_M34_B2_A03		GM_M34_B2_A03_MR
	28108	GM_M34_B2_A05		GM_M34_B2_A05_MR
	28109	GM_M34_B2_A06	GM_M34_B2_A06_MF	
	28110	GM_M34_B2_A08	GM_M34_B2_A08_MF	
	28111	GM_M34_B2_A08		GM_M34_B2_A08_MR
10	28112	GM_M34_B2_A10	GM_M34_B2_A10_MF	
	28113	GM_M34_B2_A10		GM_M34_B2_A10_MR
	28114	GM_M34_B2_A11	GM_M34_B2_A11_MF	
	28115	GM_M34_B2_B01	GM_M34_B2_B01_MF	
	28116	GM_M34_B2_B01		GM_M34_B2_B01_MR
15	28117	GM_M34_B2_B03	GM_M34_B2_B03_MF	
	28118	GM_M34_B2_B03		GM_M34_B2_B03_MR
	28119	GM_M34_B2_B04	GM_M34_B2_B04_MF	
	28120	GM_M34_B2_B04		GM_M34_B2_B04_MR
	28121	GM_M34_B2_B05	GM_M34_B2_B05_MF	
20	28122	GM_M34_B2_B05		GM_M34_B2_B05_MR
	28123	GM_M34_B2_B06	GM_M34_B2_B06_MF	
	28124	GM_M34_B2_B06		GM_M34_B2_B06_MR
	28125	GM_M34_B2_B07	GM_M34_B2_B07_MF	
	28126	GM_M34_B2_B07		GM_M34_B2_B07_MR
25	28127	GM_M34_B2_B08	GM_M34_B2_B08_MF	
	28128	GM_M34_B2_B08		GM_M34_B2_B08_MR
	28129	GM_M34_B2_B09		GM_M34_B2_B09_MR
	28130	GM_M34_B2_B10	GM_M34_B2_B10_MF	
	28131	GM_M34_B2_B10		GM_M34_B2_B10_MR
30	28132	GM_M34_B2_B11	GM_M34_B2_B11_MF	
	28133	GM_M34_B2_B11		GM_M34_B2_B11_MR
	28134	GM_M34_B2_B12	GM_M34_B2_B12_MF	
	28135	GM_M34_B2_B12		GM_M34_B2_B12_MR
	28136	GM_M34_B2_C01	GM_M34_B2_C01_MF	
35	28137	GM_M34_B2_C01		GM_M34_B2_C01_MR
	28138	GM_M34_B2_C02		GM_M34_B2_C02_MR
	28139	GM_M34_B2_C03	GM_M34_B2_C03_MF	
	28140	GM_M34_B2_C03		GM_M34_B2_C03_MR
	28141	GM_M34_B2_C04	GM_M34_B2_C04_MF	
40	28142	GM_M34_B2_C04		GM_M34_B2_C04_MR
	28143	GM_M34_B2_C05	GM_M34_B2_C05_MF	
	28144	GM_M34_B2_C05		GM_M34_B2_C05_MR
	28145	GM_M34_B2_C06		GM_M34_B2_C06_MR
	28146	GM_M34_B2_C07	GM_M34_B2_C07_MF	
45	28147	GM_M34_B2_C07		GM_M34_B2_C07_MR
	28148	GM_M34_B2_C08	GM_M34_B2_C08_MF	
	28149	GM_M34_B2_C08		GM_M34_B2_C08_MR
	28150	GM_M34_B2_C09	GM_M34_B2_C09_MF	
	28151	GM_M34_B2_C09		GM_M34_B2_C09_MR
50	28152	GM_M34_B2_C10	GM_M34_B2_C10_MF	
	28153	GM_M34_B2_C10		GM_M34_B2_C10_MR
	28154	GM_M34_B2_C11	GM_M34_B2_C11_MF	
	28155	GM_M34_B2_C11		GM_M34_B2_C11_MR
	28156	GM_M34_B2_C12	GM_M34_B2_C12_MF	
55	28157	GM_M34_B2_C12		GM_M34_B2_C12_MR

	28158	GM_M34_B2_D01	GM_M34_B2_D01_MF	
	28159	GM_M34_B2_D01		GM_M34_B2_D01_MR
	28160	GM_M34_B2_D02	GM_M34_B2_D02_MF	
	28161	GM_M34_B2_D02		GM_M34_B2_D02_MR
5	28162	GM_M34_B2_D03	GM_M34_B2_D03_MF	
	28163	GM_M34_B2_D04	GM_M34_B2_D04_MF	
	28164	GM_M34_B2_D04		GM_M34_B2_D04_MR
	28165	GM_M34_B2_D05	GM_M34_B2_D05_MF	
	28166	GM_M34_B2_D05		GM_M34_B2_D05_MR
10	28167	GM_M34_B2_D06	GM_M34_B2_D06_MF	
	28168	GM_M34_B2_D06		GM_M34_B2_D06_MR
	28169	GM_M34_B2_D07	GM_M34_B2_D07_MF	
	28170	GM_M34_B2_D07		GM_M34_B2_D07_MR
	28171	GM_M34_B2_D08	GM_M34_B2_D08_MF	
15	28172	GM_M34_B2_D08		GM_M34_B2_D08_MR
	28173	GM_M34_B2_D09	GM_M34_B2_D09_MF	
	28174	GM_M34_B2_D09		GM_M34_B2_D09_MR
	28175	GM_M34_B2_D10	GM_M34_B2_D10_MF	
	28176	GM_M34_B2_D10		GM_M34_B2_D10_MR
20	28177	GM_M34_B2_D11	GM_M34_B2_D11_MF	
	28178	GM_M34_B2_D11		GM_M34_B2_D11_MR
	28179	GM_M34_B2_D12	GM_M34_B2_D12_MF	
	28180	GM_M34_B2_D12		GM_M34_B2_D12_MR
	28181	GM_M34_B2_E02	GM_M34_B2_E02_MF	
25	28182	GM_M34_B2_E02		GM_M34_B2_E02_MR
	28183	GM_M34_B2_E03		GM_M34_B2_E03_MR
	28184	GM_M34_B2_E05	GM_M34_B2_E05_MF	
	28185	GM_M34_B2_E05		GM_M34_B2_E05_MR
	28186	GM_M34_B2_E06	GM_M34_B2_E06_MF	
30	28187	GM_M34_B2_E06		GM_M34_B2_E06_MR
	28188	GM_M34_B2_E07	GM_M34_B2_E07_MF	
	28189	GM_M34_B2_E07		GM_M34_B2_E07_MR
	28190	GM_M34_B2_E08	GM_M34_B2_E08_MF	
	28191	GM_M34_B2_E08		GM_M34_B2_E08_MR
35	28192	GM_M34_B2_E09		GM_M34_B2_E09_MR
	28193	GM_M34_B2_E10	GM_M34_B2_E10_MF	
	28194	GM_M34_B2_E10		GM_M34_B2_E10_MR
	28195	GM_M34_B2_E11	GM_M34_B2_E11_MF	
	28196	GM_M34_B2_E11		GM_M34_B2_E11_MR
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	28198	GM_M34_B2_E12		GM_M34_B2_E12_MR
	28199	GM_M34_B2_F01	GM_M34_B2_F01_MF	
	28200	GM_M34_B2_F01		GM_M34_B2_F01_MR
	28201	GM_M34_B2_F02	GM_M34_B2_F02_MF	
45	28202	GM_M34_B2_F02		GM_M34_B2_F02_MR
	28203	GM_M34_B2_F03	GM_M34_B2_F03_MF	
	28204	GM_M34_B2_F03		GM_M34_B2_F03_MR
	28205	GM_M34_B2_F04	GM_M34_B2_F04_MF	
	28206	GM_M34_B2_F04		GM_M34_B2_F04_MR
50	28207	GM_M34_B2_F05	GM_M34_B2_F05_MF	
	28208	GM_M34_B2_F06	GM_M34_B2_F06_MF	
	28209	GM_M34_B2_F06		GM_M34_B2_F06_MR
	28210	GM_M34_B2_F07		GM_M34_B2_F07_MR
	28211	GM_M34_B2_F08		GM_M34_B2_F08_MR
55	28212	GM_M34_B2_F09	GM_M34_B2_F09_MF	

	28213	GM_M34_B2_F09		GM_M34_B2_F09_MR
	28214	GM_M34_B2_F10	GM_M34_B2_F10_MF	
	28215	GM_M34_B2_F10		GM_M34_B2_F10_MR
	28216	GM_M34_B2_F11	GM_M34_B2_F11_MF	
5	28217	GM_M34_B2_F11		GM_M34_B2_F11_MR
	28218	GM_M34_B2_F12	GM_M34_B2_F12_MF	
	28219	GM_M34_B2_F12		GM_M34_B2_F12_MR
	28220	GM_M34_B2_G02	GM_M34_B2_G02_MF	
	28221	GM_M34_B2_G02		GM_M34_B2_G02_MR
10	28222	GM_M34_B2_G03	GM_M34_B2_G03_MF	
	28223	GM_M34_B2_G03		GM_M34_B2_G03_MR
	28224	GM_M34_B2_G04	GM_M34_B2_G04_MF	
	28225	GM_M34_B2_G04		GM_M34_B2_G04_MR
	28226	GM_M34_B2_G05	GM_M34_B2_G05_MF	
15	28227	GM_M34_B2_G05		GM_M34_B2_G05_MR
	28228	GM_M34_B2_G06	GM_M34_B2_G06_MF	
	28229	GM_M34_B2_G06		GM_M34_B2_G06_MR
	28230	GM_M34_B2_G07	GM_M34_B2_G07_MF	
	28231	GM_M34_B2_G07		GM_M34_B2_G07_MR
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	28233	GM_M34_B2_G08		GM_M34_B2_G08_MR
	28234	GM_M34_B2_G09	GM_M34_B2_G09_MF	
	28235	GM_M34_B2_G09		GM_M34_B2_G09_MR
	28236	GM_M34_B2_G10	GM_M34_B2_G10_MF	
25	28237	GM_M34_B2_G10		GM_M34_B2_G10_MR
	28238	GM_M34_B2_G11		GM_M34_B2_G11_MR
	28239	GM_M34_B2_G12	GM_M34_B2_G12_MF	
	28240	GM_M34_B2_G12		GM_M34_B2_G12_MR
	28241	GM_M34_B2_H01	GM_M34_B2_H01_MF	
30	28242	GM_M34_B2_H01		GM_M34_B2_H01_MR
	28243	GM_M34_B2_H02	GM_M34_B2_H02_MF	
	28244	GM_M34_B2_H02		GM_M34_B2_H02_MR
	28245	GM_M34_B2_H03	GM_M34_B2_H03_MF	
	28246	GM_M34_B2_H03		GM_M34_B2_H03_MR
35	28247	GM_M34_B2_H04	GM_M34_B2_H04_MF	
	28248	GM_M34_B2_H04		GM_M34_B2_H04_MR
	28249	GM_M34_B2_H05	GM_M34_B2_H05_MF	
	28250	GM_M34_B2_H05		GM_M34_B2_H05_MR
	28251	GM_M34_B2_H06	GM_M34_B2_H06_MF	
40	28252	GM_M34_B2_H06		GM_M34_B2_H06_MR
	28253	GM_M34_B2_H07	GM_M34_B2_H07_MF	
	28254	GM_M34_B2_H07		GM_M34_B2_H07_MR
	28255	GM_M34_B2_H08		GM_M34_B2_H08_MR
	28256	GM_M34_B2_H09	GM_M34_B2_H09_MF	
45	28257	GM_M34_B2_H09		GM_M34_B2_H09_MR
	28258	GM_M34_B2_H10	GM_M34_B2_H10_MF	
	28259	GM_M34_B2_H10		GM_M34_B2_H10_MR
	28260	GM_M34_B2_H11	GM_M34_B2_H11_MF	
	28261	GM_M34_B2_H11		GM_M34_B2_H11_MR
50	28262	GM_M34_B2_H12	GM_M34_B2_H12_MF	
	28263	GM_M35_A2_A01	GM_M35_A2_A01_MF	
	28264	GM_M35_A2_A01		GM_M35_A2_A01_MR
	28265	GM_M35_A2_A02	GM_M35_A2_A02_MF	
	28266	GM_M35_A2_A02		GM_M35_A2_A02_MR
55	28267	GM_M35_A2_A03	GM_M35_A2_A03_MF	

	28268	GM_M35_A2_A03		GM_M35_A2_A03_MR
	28269	GM_M35_A2_A04	GM_M35_A2_A04_MF	
	28270	GM_M35_A2_A04		GM_M35_A2_A04_MR
	28271	GM_M35_A2_A05	GM_M35_A2_A05_MF	
5	28272	GM_M35_A2_A05		GM_M35_A2_A05_MR
	28273	GM_M35_A2_A06	GM_M35_A2_A06_MF	
	28274	GM_M35_A2_A06		GM_M35_A2_A06_MR
	28275	GM_M35_A2_A07	GM_M35_A2_A07_MF	
	28276	GM_M35_A2_A07		GM_M35_A2_A07_MR
10	28277	GM_M35_A2_A08	GM_M35_A2_A08_MF	
	28278	GM_M35_A2_A08		GM_M35_A2_A08_MR
	28279	GM_M35_A2_A09	GM_M35_A2_A09_MF	
	28280	GM_M35_A2_A09		GM_M35_A2_A09_MR
	28281	GM_M35_A2_A10	GM_M35_A2_A10_MF	
15	28282	GM_M35_A2_A10		GM_M35_A2_A10_MR
	28283	GM_M35_A2_A11	GM_M35_A2_A11_MF	
	28284	GM_M35_A2_A11		GM_M35_A2_A11_MR
	28285	GM_M35_A2_A12	GM_M35_A2_A12_MF	
	28286	GM_M35_A2_A12		GM_M35_A2_A12_MR
20	28287	GM_M35_A2_B01	GM_M35_A2_B01_MF	
	28288	GM_M35_A2_B01		GM_M35_A2_B01_MR
	28289	GM_M35_A2_B02	GM_M35_A2_B02_MF	
	28290	GM_M35_A2_B02		GM_M35_A2_B02_MR
	28291	GM_M35_A2_B03	GM_M35_A2_B03_MF	
25	28292	GM_M35_A2_B03		GM_M35_A2_B03_MR
	28293	GM_M35_A2_B04	GM_M35_A2_B04_MF	
	28294	GM_M35_A2_B04		GM_M35_A2_B04_MR
	28295	GM_M35_A2_B05	GM_M35_A2_B05_MF	
	28296	GM_M35_A2_B05		GM_M35_A2_B05_MR
30	28297	GM_M35_A2_B06	GM_M35_A2_B06_MF	
	28298	GM_M35_A2_B06		GM_M35_A2_B06_MR
	28299	GM_M35_A2_B07	GM_M35_A2_B07_MF	
	28300	GM_M35_A2_B08	GM_M35_A2_B08_MF	
	28301	GM_M35_A2_B09	GM_M35_A2_B09_MF	
35	28302	GM_M35_A2_B10	GM_M35_A2_B10_MF	
	28303	GM_M35_A2_B10		GM_M35_A2_B10_MR
	28304	GM_M35_A2_B11	GM_M35_A2_B11_MF	
	28305	GM_M35_A2_B11		GM_M35_A2_B11_MR
	28306	GM_M35_A2_B12	GM_M35_A2_B12_MF	
40	28307	GM_M35_A2_B12		GM_M35_A2_B12_MR
	28308	GM_M35_A2_C01	GM_M35_A2_C01_MF	
	28309	GM_M35_A2_C01		GM_M35_A2_C01_MR
	28310	GM_M35_A2_C02	GM_M35_A2_C02_MF	
	28311	GM_M35_A2_C02		GM_M35_A2_C02_MR
45	28312	GM_M35_A2_C03	GM_M35_A2_C03_MF	
	28313	GM_M35_A2_C04	GM_M35_A2_C04_MF	
	28314	GM_M35_A2_C05	GM_M35_A2_C05_MF	
	28315	GM_M35_A2_C05		GM_M35_A2_C05_MR
	28316	GM_M35_A2_C06	GM_M35_A2_C06_MF	
50	28317	GM_M35_A2_C06		GM_M35_A2_C06_MR
	28318	GM_M35_A2_C07	GM_M35_A2_C07_MF	
	28319	GM_M35_A2_C07		GM_M35_A2_C07_MR
	28320	GM_M35_A2_C08	GM_M35_A2_C08_MF	
	28321	GM_M35_A2_C08		GM_M35_A2_C08_MR
55	28322	GM_M35_A2_C09	GM_M35_A2_C09_MF	

	28323	GM_M35_A2_C09		GM_M35_A2_C09_MR
	28324	GM_M35_A2_C10	GM_M35_A2_C10_MF	
	28325	GM_M35_A2_C10		GM_M35_A2_C10_MR
	28326	GM_M35_A2_C11	GM_M35_A2_C11_MF	
5	28327	GM_M35_A2_C11		GM_M35_A2_C11_MR
	28328	GM_M35_A2_C12	GM_M35_A2_C12_MF	
	28329	GM_M35_A2_C12		GM_M35_A2_C12_MR
	28330	GM_M35_A2_D01	GM_M35_A2_D01_MF	
	28331	GM_M35_A2_D01		GM_M35_A2_D01_MR
10	28332	GM_M35_A2_D02	GM_M35_A2_D02_MF	
	28333	GM_M35_A2_D02		GM_M35_A2_D02_MR
	28334	GM_M35_A2_D03	GM_M35_A2_D03_MF	
	28335	GM_M35_A2_D03		GM_M35_A2_D03_MR
	28336	GM_M35_A2_D04	GM_M35_A2_D04_MF	
15	28337	GM_M35_A2_D04		GM_M35_A2_D04_MR
	28338	GM_M35_A2_D05	GM_M35_A2_D05_MF	
	28339	GM_M35_A2_D05		GM_M35_A2_D05_MR
	28340	GM_M35_A2_D06	GM_M35_A2_D06_MF	
	28341	GM_M35_A2_D06		GM_M35_A2_D06_MR
20	28342	GM_M35_A2_D07	GM_M35_A2_D07_MF	
	28343	GM_M35_A2_D07		GM_M35_A2_D07_MR
	28344	GM_M35_A2_D08	GM_M35_A2_D08_MF	
	28345	GM_M35_A2_D08		GM_M35_A2_D08_MR
	28346	GM_M35_A2_D09	GM_M35_A2_D09_MF	
25	28347	GM_M35_A2_D09		GM_M35_A2_D09_MR
	28348	GM_M35_A2_D10	GM_M35_A2_D10_MF	
	28349	GM_M35_A2_D10		GM_M35_A2_D10_MR
	28350	GM_M35_A2_D11	GM_M35_A2_D11_MF	
	28351	GM_M35_A2_D11		GM_M35_A2_D11_MR
30	28352	GM_M35_A2_D12	GM_M35_A2_D12_MF	
	28353	GM_M35_A2_D12		GM_M35_A2_D12_MR
	28354	GM_M35_A2_E01	GM_M35_A2_E01_MF	
	28355	GM_M35_A2_E01		GM_M35_A2_E01_MR
	28356	GM_M35_A2_E02	GM_M35_A2_E02_MF	
35	28357	GM_M35_A2_E02		GM_M35_A2_E02_MR
	28358	GM_M35_A2_E03	GM_M35_A2_E03_MF	
	28359	GM_M35_A2_E03		GM_M35_A2_E03_MR
	28360	GM_M35_A2_E04	GM_M35_A2_E04_MF	
	28361	GM_M35_A2_E05	GM_M35_A2_E05_MF	
40	28362	GM_M35_A2_E05		GM_M35_A2_E05_MR
	28363	GM_M35_A2_E06	GM_M35_A2_E06_MF	
	28364	GM_M35_A2_E06		GM_M35_A2_E06_MR
	28365	GM_M35_A2_E07	GM_M35_A2_E07_MF	
	28366	GM_M35_A2_E07		GM_M35_A2_E07_MR
45	28367	GM_M35_A2_E08	GM_M35_A2_E08_MF	
	28368	GM_M35_A2_E08		GM_M35_A2_E08_MR
	28369	GM_M35_A2_E09	GM_M35_A2_E09_MF	
	28370	GM_M35_A2_E10	GM_M35_A2_E10_MF	
	28371	GM_M35_A2_E10		GM_M35_A2_E10_MR
50	28372	GM_M35_A2_E11	GM_M35_A2_E11_MF	
	28373	GM_M35_A2_E11		GM_M35_A2_E11_MR
	28374	GM_M35_A2_E12	GM_M35_A2_E12_MF	
	28375	GM_M35_A2_E12		GM_M35_A2_E12_MR
	28376	GM_M35_A2_F01	GM_M35_A2_F01_MF	
55	28377	GM_M35_A2_F01		GM_M35_A2_F01_MR

	28378	GM_M35_A2_F02	GM_M35_A2_F02_MF	
	28379	GM_M35_A2_F02		GM_M35_A2_F02_MR
	28380	GM_M35_A2_F03	GM_M35_A2_F03_MF	
	28381	GM_M35_A2_F03		GM_M35_A2_F03_MR
5	28382	GM_M35_A2_F04	GM_M35_A2_F04_MF	
	28383	GM_M35_A2_F04		GM_M35_A2_F04_MR
	28384	GM_M35_A2_F05	GM_M35_A2_F05_MF	
	28385	GM_M35_A2_F06	GM_M35_A2_F06_MF	
	28386	GM_M35_A2_F06		GM_M35_A2_F06_MR
10	28387	GM_M35_A2_F07	GM_M35_A2_F07_MF	
	28388	GM_M35_A2_F07		GM_M35_A2_F07_MR
	28389	GM_M35_A2_F08	GM_M35_A2_F08_MF	
	28390	GM_M35_A2_F09	GM_M35_A2_F09_MF	
	28391	GM_M35_A2_F09		GM_M35_A2_F09_MR
15	28392	GM_M35_A2_F10	GM_M35_A2_F10_MF	
	28393	GM_M35_A2_F11	GM_M35_A2_F11_MF	
	28394	GM_M35_A2_F12	GM_M35_A2_F12_MF	
	28395	GM_M35_A2_F12		GM_M35_A2_F12_MR
	28396	GM_M35_A2_G01	GM_M35_A2_G01_MF	
20	28397	GM_M35_A2_G01		GM_M35_A2_G01_MR
	28398	GM_M35_A2_G02	GM_M35_A2_G02_MF	
	28399	GM_M35_A2_G02		GM_M35_A2_G02_MR
	28400	GM_M35_A2_G03	GM_M35_A2_G03_MF	
	28401	GM_M35_A2_G04	GM_M35_A2_G04_MF	
25	28402	GM_M35_A2_G04		GM_M35_A2_G04_MR
	28403	GM_M35_A2_G05	GM_M35_A2_G05_MF	
	28404	GM_M35_A2_G06	GM_M35_A2_G06_MF	
	28405	GM_M35_A2_G06		GM_M35_A2_G06_MR
	28406	GM_M35_A2_G07	GM_M35_A2_G07_MF	
30	28407	GM_M35_A2_G07		GM_M35_A2_G07_MR
	28408	GM_M35_A2_G08	GM_M35_A2_G08_MF	
	28409	GM_M35_A2_G08		GM_M35_A2_G08_MR
	28410	GM_M35_A2_G09	GM_M35_A2_G09_MF	
	28411	GM_M35_A2_G09		GM_M35_A2_G09_MR
35	28412	GM_M35_A2_G10	GM_M35_A2_G10_MF	
	28413	GM_M35_A2_G10		GM_M35_A2_G10_MR
	28414	GM_M35_A2_G11	GM_M35_A2_G11_MF	
	28415	GM_M35_A2_G11		GM_M35_A2_G11_MR
	28416	GM_M35_A2_G12	GM_M35_A2_G12_MF	
40	28417	GM_M35_A2_G12		GM_M35_A2_G12_MR
	28418	GM_M35_A2_H01	GM_M35_A2_H01_MF	
	28419	GM_M35_A2_H01		GM_M35_A2_H01_MR
	28420	GM_M35_A2_H02	GM_M35_A2_H02_MF	
	28421	GM_M35_A2_H02		GM_M35_A2_H02_MR
45	28422	GM_M35_A2_H03	GM_M35_A2_H03_MF	
	28423	GM_M35_A2_H03		GM_M35_A2_H03_MR
	28424	GM_M35_A2_H04	GM_M35_A2_H04_MF	
	28425	GM_M35_A2_H04		GM_M35_A2_H04_MR
	28426	GM_M35_A2_H05	GM_M35_A2_H05_MF	
50	28427	GM_M35_A2_H05		GM_M35_A2_H05_MR
	28428	GM_M35_A2_H06	GM_M35_A2_H06_MF	
	28429	GM_M35_A2_H06		GM_M35_A2_H06_MR
	28430	GM_M35_A2_H07	GM_M35_A2_H07_MF	
	28431	GM_M35_A2_H07		GM_M35_A2_H07_MR
55	28432	GM_M35_A2_H08	GM_M35_A2_H08_MF	

	28433	GM_M35_A2_H08		GM_M35_A2_H08_MR
	28434	GM_M35_A2_H09	GM_M35_A2_H09_MF	
	28435	GM_M35_A2_H09		GM_M35_A2_H09_MR
	28436	GM_M35_A2_H10	GM_M35_A2_H10_MF	
5	28437	GM_M35_A2_H10		GM_M35_A2_H10_MR
	28438	GM_M35_A2_H11	GM_M35_A2_H11_MF	
	28439	GM_M35_A2_H12	GM_M35_A2_H12_MF	
	28440	GM_M35_A2_H12		GM_M35_A2_H12_MR
	28441	GM_M35_B1_A01	GM_M35_B1_A01_MF	
10	28442	GM_M35_B1_A01		GM_M35_B1_A01_MR
	28443	GM_M35_B1_A02	GM_M35_B1_A02_MF	
	28444	GM_M35_B1_A03	GM_M35_B1_A03_MF	
	28445	GM_M35_B1_A03		GM_M35_B1_A03_MR
	28446	GM_M35_B1_A04	GM_M35_B1_A04_MF	
15	28447	GM_M35_B1_A04		GM_M35_B1_A04_MR
	28448	GM_M35_B1_A05	GM_M35_B1_A05_MF	
	28449	GM_M35_B1_A05		GM_M35_B1_A05_MR
	28450	GM_M35_B1_A06	GM_M35_B1_A06_MF	
	28451	GM_M35_B1_A06		GM_M35_B1_A06_MR
20	28452	GM_M35_B1_A07	GM_M35_B1_A07_MF	
	28453	GM_M35_B1_A07		GM_M35_B1_A07_MR
	28454	GM_M35_B1_A08	GM_M35_B1_A08_MF	
	28455	GM_M35_B1_A08		GM_M35_B1_A08_MR
	28456	GM_M35_B1_A09	GM_M35_B1_A09_MF	
25	28457	GM_M35_B1_A10	GM_M35_B1_A10_MF	
	28458	GM_M35_B1_A10		GM_M35_B1_A10_MR
	28459	GM_M35_B1_A11	GM_M35_B1_A11_MF	
	28460	GM_M35_B1_A11		GM_M35_B1_A11_MR
	28461	GM_M35_B1_A12	GM_M35_B1_A12_MF	
30	28462	GM_M35_B1_A12		GM_M35_B1_A12_MR
	28463	GM_M35_B1_B01	GM_M35_B1_B01_MF	
	28464	GM_M35_B1_B01		GM_M35_B1_B01_MR
	28465	GM_M35_B1_B02	GM_M35_B1_B02_MF	
	28466	GM_M35_B1_B03	GM_M35_B1_B03_MF	
35	28467	GM_M35_B1_B03		GM_M35_B1_B03_MR
	28468	GM_M35_B1_B04	GM_M35_B1_B04_MF	
	28469	GM_M35_B1_B04		GM_M35_B1_B04_MR
	28470	GM_M35_B1_B05	GM_M35_B1_B05_MF	
	28471	GM_M35_B1_B06	GM_M35_B1_B06_MF	
40	28472	GM_M35_B1_B06		GM_M35_B1_B06_MR
	28473	GM_M35_B1_B07	GM_M35_B1_B07_MF	
	28474	GM_M35_B1_B07		GM_M35_B1_B07_MR
	28475	GM_M35_B1_B08	GM_M35_B1_B08_MF	
	28476	GM_M35_B1_B08		GM_M35_B1_B08_MR
45	28477	GM_M35_B1_B09	GM_M35_B1_B09_MF	
	28478	GM_M35_B1_B09		GM_M35_B1_B09_MR
	28479	GM_M35_B1_B10	GM_M35_B1_B10_MF	
	28480	GM_M35_B1_B11	GM_M35_B1_B11_MF	
	28481	GM_M35_B1_B11		GM_M35_B1_B11_MR
50	28482	GM_M35_B1_B12	GM_M35_B1_B12_MF	
	28483	GM_M35_B1_B12		GM_M35_B1_B12_MR
	28484	GM_M35_B1_C01	GM_M35_B1_C01_MF	
	28485	GM_M35_B1_C01		GM_M35_B1_C01_MR
	28486	GM_M35_B1_C02	GM_M35_B1_C02_MF	
55	28487	GM_M35_B1_C02		GM_M35_B1_C02_MR

	28488	GM_M35_B1_C03	GM_M35_B1_C03_MF	
	28489	GM_M35_B1_C03		GM_M35_B1_C03_MR
	28490	GM_M35_B1_C04	GM_M35_B1_C04_MF	
	28491	GM_M35_B1_C04		GM_M35_B1_C04_MR
5	28492	GM_M35_B1_C05	GM_M35_B1_C05_MF	
	28493	GM_M35_B1_C05		GM_M35_B1_C05_MR
	28494	GM_M35_B1_C06	GM_M35_B1_C06_MF	
	28495	GM_M35_B1_C06		GM_M35_B1_C06_MR
	28496	GM_M35_B1_C07	GM_M35_B1_C07_MF	
10	28497	GM_M35_B1_C08	GM_M35_B1_C08_MF	
	28498	GM_M35_B1_C08		GM_M35_B1_C08_MR
	28499	GM_M35_B1_C09	GM_M35_B1_C09_MF	
	28500	GM_M35_B1_C09		GM_M35_B1_C09_MR
	28501	GM_M35_B1_C10	GM_M35_B1_C10_MF	
15	28502	GM_M35_B1_C10		GM_M35_B1_C10_MR
	28503	GM_M35_B1_C11	GM_M35_B1_C11_MF	
	28504	GM_M35_B1_C11		GM_M35_B1_C11_MR
	28505	GM_M35_B1_C12	GM_M35_B1_C12_MF	
	28506	GM_M35_B1_D01	GM_M35_B1_D01_MF	
20	28507	GM_M35_B1_D02	GM_M35_B1_D02_MF	
	28508	GM_M35_B1_D02		GM_M35_B1_D02_MR
	28509	GM_M35_B1_D03	GM_M35_B1_D03_MF	
	28510	GM_M35_B1_D03		GM_M35_B1_D03_MR
	28511	GM_M35_B1_D04	GM_M35_B1_D04_MF	
25	28512	GM_M35_B1_D04		GM_M35_B1_D04_MR
	28513	GM_M35_B1_D05	GM_M35_B1_D05_MF	
	28514	GM_M35_B1_D05		GM_M35_B1_D05_MR
	28515	GM_M35_B1_D06	GM_M35_B1_D06_MF	
	28516	GM_M35_B1_D06		GM_M35_B1_D06_MR
30	28517	GM_M35_B1_D07	GM_M35_B1_D07_MF	
	28518	GM_M35_B1_D07		GM_M35_B1_D07_MR
	28519	GM_M35_B1_D08	GM_M35_B1_D08_MF	
	28520	GM_M35_B1_D09	GM_M35_B1_D09_MF	
	28521	GM_M35_B1_D09		GM_M35_B1_D09_MR
35	28522	GM_M35_B1_D10	GM_M35_B1_D10_MF	
	28523	GM_M35_B1_D10		GM_M35_B1_D10_MR
	28524	GM_M35_B1_D11	GM_M35_B1_D11_MF	
	28525	GM_M35_B1_D11		GM_M35_B1_D11_MR
	28526	GM_M35_B1_D12	GM_M35_B1_D12_MF	
40	28527	GM_M35_B1_D12		GM_M35_B1_D12_MR
	28528	GM_M35_B1_E01	GM_M35_B1_E01_MF	
	28529	GM_M35_B1_E01		GM_M35_B1_E01_MR
	28530	GM_M35_B1_E02	GM_M35_B1_E02_MF	
	28531	GM_M35_B1_E02		GM_M35_B1_E02_MR
45	28532	GM_M35_B1_E03	GM_M35_B1_E03_MF	
	28533	GM_M35_B1_E04	GM_M35_B1_E04_MF	
	28534	GM_M35_B1_E04		GM_M35_B1_E04_MR
	28535	GM_M35_B1_E05	GM_M35_B1_E05_MF	
	28536	GM_M35_B1_E05		GM_M35_B1_E05_MR
50	28537	GM_M35_B1_E06	GM_M35_B1_E06_MF	
	28538	GM_M35_B1_E06		GM_M35_B1_E06_MR
	28539	GM_M35_B1_E07	GM_M35_B1_E07_MF	
	28540	GM_M35_B1_E07		GM_M35_B1_E07_MR
	28541	GM_M35_B1_E08	GM_M35_B1_E08_MF	
55	28542	GM_M35_B1_E08		GM_M35_B1_E08_MR

	28543	GM_M35_B1_E09	GM_M35_B1_E09_MF	
	28544	GM_M35_B1_E10	GM_M35_B1_E10_MF	
	28545	GM_M35_B1_E10		GM_M35_B1_E10_MR
	28546	GM_M35_B1_E11	GM_M35_B1_E11_MF	
5	28547	GM_M35_B1_E12	GM_M35_B1_E12_MF	
	28548	GM_M35_B1_E12		GM_M35_B1_E12_MR
	28549	GM_M35_B1_F01	GM_M35_B1_F01_MF	
	28550	GM_M35_B1_F01		GM_M35_B1_F01_MR
	28551	GM_M35_B1_F02	GM_M35_B1_F02_MF	
10	28552	GM_M35_B1_F02		GM_M35_B1_F02_MR
	28553	GM_M35_B1_F03	GM_M35_B1_F03_MF	
	28554	GM_M35_B1_F03		GM_M35_B1_F03_MR
	28555	GM_M35_B1_F04	GM_M35_B1_F04_MF	
	28556	GM_M35_B1_F04		GM_M35_B1_F04_MR
15	28557	GM_M35_B1_F05	GM_M35_B1_F05_MF	
	28558	GM_M35_B1_F05		GM_M35_B1_F05_MR
	28559	GM_M35_B1_F06	GM_M35_B1_F06_MF	
	28560	GM_M35_B1_F06		GM_M35_B1_F06_MR
	28561	GM_M35_B1_F07	GM_M35_B1_F07_MF	
20	28562	GM_M35_B1_F08	GM_M35_B1_F08_MF	
	28563	GM_M35_B1_F08		GM_M35_B1_F08_MR
	28564	GM_M35_B1_F09	GM_M35_B1_F09_MF	
	28565	GM_M35_B1_F09		GM_M35_B1_F09_MR
	28566	GM_M35_B1_F10	GM_M35_B1_F10_MF	
25	28567	GM_M35_B1_F10		GM_M35_B1_F10_MR
	28568	GM_M35_B1_F11	GM_M35_B1_F11_MF	
	28569	GM_M35_B1_F12	GM_M35_B1_F12_MF	
	28570	GM_M35_B1_F12		GM_M35_B1_F12_MR
	28571	GM_M35_B1_G01	GM_M35_B1_G01_MF	
30	28572	GM_M35_B1_G01		GM_M35_B1_G01_MR
	28573	GM_M35_B1_G02	GM_M35_B1_G02_MF	
	28574	GM_M35_B1_G02		GM_M35_B1_G02_MR
	28575	GM_M35_B1_G03	GM_M35_B1_G03_MF	
	28576	GM_M35_B1_G03		GM_M35_B1_G03_MR
35	28577	GM_M35_B1_G04	GM_M35_B1_G04_MF	
	28578	GM_M35_B1_G04		GM_M35_B1_G04_MR
	28579	GM_M35_B1_G05	GM_M35_B1_G05_MF	
	28580	GM_M35_B1_G05		GM_M35_B1_G05_MR
	28581	GM_M35_B1_G06	GM_M35_B1_G06_MF	
40	28582	GM_M35_B1_G06		GM_M35_B1_G06_MR
	28583	GM_M35_B1_G07	GM_M35_B1_G07_MF	
	28584	GM_M35_B1_G07		GM_M35_B1_G07_MR
	28585	GM_M35_B1_G08	GM_M35_B1_G08_MF	
	28586	GM_M35_B1_G08		GM_M35_B1_G08_MR
45	28587	GM_M35_B1_G09	GM_M35_B1_G09_MF	
	28588	GM_M35_B1_G09		GM_M35_B1_G09_MR
	28589	GM_M35_B1_G10	GM_M35_B1_G10_MF	
	28590	GM_M35_B1_G10		GM_M35_B1_G10_MR
	28591	GM_M35_B1_G11	GM_M35_B1_G11_MF	
50	28592	GM_M35_B1_G11		GM_M35_B1_G11_MR
	28593	GM_M35_B1_G12	GM_M35_B1_G12_MF	
	28594	GM_M35_B1_H01	GM_M35_B1_H01_MF	
	28595	GM_M35_B1_H01		GM_M35_B1_H01_MR
	28596	GM_M35_B1_H02	GM_M35_B1_H02_MF	
55	28597	GM_M35_B1_H02		GM_M35_B1_H02_MR

	28598	GM_M35_B1_H03	GM_M35_B1_H03_MF	
	28599	GM_M35_B1_H03		GM_M35_B1_H03_MR
	28600	GM_M35_B1_H04	GM_M35_B1_H04_MF	
	28601	GM_M35_B1_H04		GM_M35_B1_H04_MR
5	28602	GM_M35_B1_H05	GM_M35_B1_H05_MF	
	28603	GM_M35_B1_H06	GM_M35_B1_H06_MF	
	28604	GM_M35_B1_H06		GM_M35_B1_H06_MR
	28605	GM_M35_B1_H07	GM_M35_B1_H07_MF	
	28606	GM_M35_B1_H08	GM_M35_B1_H08_MF	
10	28607	GM_M35_B1_H08		GM_M35_B1_H08_MR
	28608	GM_M35_B1_H09	GM_M35_B1_H09_MF	
	28609	GM_M35_B1_H09		GM_M35_B1_H09_MR
	28610	GM_M35_B1_H10	GM_M35_B1_H10_MF	
	28611	GM_M35_B1_H11	GM_M35_B1_H11_MF	
15	28612	GM_M35_B1_H12	GM_M35_B1_H12_MF	
	28613	GM_M35_B2_A01	GM_M35_B2_A01_MF	
	28614	GM_M35_B2_A01		GM_M35_B2_A01_MR
	28615	GM_M35_B2_A02		GM_M35_B2_A02_MR
	28616	GM_M35_B2_A03	GM_M35_B2_A03_MF	
20	28617	GM_M35_B2_A03		GM_M35_B2_A03_MR
	28618	GM_M35_B2_A04	GM_M35_B2_A04_MF	
	28619	GM_M35_B2_A04		GM_M35_B2_A04_MR
	28620	GM_M35_B2_A05	GM_M35_B2_A05_MF	
	28621	GM_M35_B2_A05		GM_M35_B2_A05_MR
25	28622	GM_M35_B2_A06	GM_M35_B2_A06_MF	
	28623	GM_M35_B2_A07	GM_M35_B2_A07_MF	
	28624	GM_M35_B2_A07		GM_M35_B2_A07_MR
	28625	GM_M35_B2_A08	GM_M35_B2_A08_MF	
	28626	GM_M35_B2_A08		GM_M35_B2_A08_MR
30	28627	GM_M35_B2_A09	GM_M35_B2_A09_MF	
	28628	GM_M35_B2_A09		GM_M35_B2_A09_MR
	28629	GM_M35_B2_A10	GM_M35_B2_A10_MF	
	28630	GM_M35_B2_A10		GM_M35_B2_A10_MR
	28631	GM_M35_B2_A11	GM_M35_B2_A11_MF	
35	28632	GM_M35_B2_A11		GM_M35_B2_A11_MR
	28633	GM_M35_B2_A12	GM_M35_B2_A12_MF	
	28634	GM_M35_B2_A12		GM_M35_B2_A12_MR
	28635	GM_M35_B2_B01	GM_M35_B2_B01_MF	
	28636	GM_M35_B2_B01		GM_M35_B2_B01_MR
40	28637	GM_M35_B2_B02	GM_M35_B2_B02_MF	
	28638	GM_M35_B2_B02		GM_M35_B2_B02_MR
	28639	GM_M35_B2_B03	GM_M35_B2_B03_MF	
	28640	GM_M35_B2_B03		GM_M35_B2_B03_MR
	28641	GM_M35_B2_B05	GM_M35_B2_B05_MF	
45	28642	GM_M35_B2_B05		GM_M35_B2_B05_MR
	28643	GM_M35_B2_B06		GM_M35_B2_B06_MR
	28644	GM_M35_B2_B07	GM_M35_B2_B07_MF	
	28645	GM_M35_B2_B07		GM_M35_B2_B07_MR
	28646	GM_M35_B2_B08	GM_M35_B2_B08_MF	
50	28647	GM_M35_B2_B08		GM_M35_B2_B08_MR
	28648	GM_M35_B2_B09	GM_M35_B2_B09_MF	
	28649	GM_M35_B2_B09		GM_M35_B2_B09_MR
	28650	GM_M35_B2_B10	GM_M35_B2_B10_MF	
	28651	GM_M35_B2_B10		GM_M35_B2_B10_MR
55	28652	GM_M35_B2_B11	GM_M35_B2_B11_MF	

	28653	GM_M35_B2_B11		GM_M35_B2_B11_MR
	28654	GM_M35_B2_B12	GM_M35_B2_B12_MF	
	28655	GM_M35_B2_B12		GM_M35_B2_B12_MR
	28656	GM_M35_B2_C01	GM_M35_B2_C01_MF	
5	28657	GM_M35_B2_C01		GM_M35_B2_C01_MR
	28658	GM_M35_B2_C02	GM_M35_B2_C02_MF	
	28659	GM_M35_B2_C02		GM_M35_B2_C02_MR
	28660	GM_M35_B2_C04	GM_M35_B2_C04_MF	
	28661	GM_M35_B2_C04		GM_M35_B2_C04_MR
10	28662	GM_M35_B2_C05	GM_M35_B2_C05_MF	
	28663	GM_M35_B2_C05		GM_M35_B2_C05_MR
	28664	GM_M35_B2_C06	GM_M35_B2_C06_MF	
	28665	GM_M35_B2_C06		GM_M35_B2_C06_MR
	28666	GM_M35_B2_C07	GM_M35_B2_C07_MF	
15	28667	GM_M35_B2_C07		GM_M35_B2_C07_MR
	28668	GM_M35_B2_C08	GM_M35_B2_C08_MF	
	28669	GM_M35_B2_C08		GM_M35_B2_C08_MR
	28670	GM_M35_B2_C09	GM_M35_B2_C09_MF	
	28671	GM_M35_B2_C09		GM_M35_B2_C09_MR
20	28672	GM_M35_B2_C10	GM_M35_B2_C10_MF	
	28673	GM_M35_B2_C10		GM_M35_B2_C10_MR
	28674	GM_M35_B2_C11	GM_M35_B2_C11_MF	
	28675	GM_M35_B2_C11		GM_M35_B2_C11_MR
	28676	GM_M35_B2_C12	GM_M35_B2_C12_MF	
25	28677	GM_M35_B2_C12		GM_M35_B2_C12_MR
	28678	GM_M35_B2_D01	GM_M35_B2_D01_MF	
	28679	GM_M35_B2_D01		GM_M35_B2_D01_MR
	28680	GM_M35_B2_D02	GM_M35_B2_D02_MF	
	28681	GM_M35_B2_D02		GM_M35_B2_D02_MR
30	28682	GM_M35_B2_D03	GM_M35_B2_D03_MF	
	28683	GM_M35_B2_D03		GM_M35_B2_D03_MR
	28684	GM_M35_B2_D04	GM_M35_B2_D04_MF	
	28685	GM_M35_B2_D04		GM_M35_B2_D04_MR
	28686	GM_M35_B2_D05	GM_M35_B2_D05_MF	
35	28687	GM_M35_B2_D06	GM_M35_B2_D06_MF	
	28688	GM_M35_B2_D06		GM_M35_B2_D06_MR
	28689	GM_M35_B2_D07	GM_M35_B2_D07_MF	
	28690	GM_M35_B2_D07		GM_M35_B2_D07_MR
	28691	GM_M35_B2_D08	GM_M35_B2_D08_MF	
40	28692	GM_M35_B2_D08		GM_M35_B2_D08_MR
	28693	GM_M35_B2_D09	GM_M35_B2_D09_MF	
	28694	GM_M35_B2_D09		GM_M35_B2_D09_MR
	28695	GM_M35_B2_D10	GM_M35_B2_D10_MF	
	28696	GM_M35_B2_D10		GM_M35_B2_D10_MR
45	28697	GM_M35_B2_D11	GM_M35_B2_D11_MF	
	28698	GM_M35_B2_D11		GM_M35_B2_D11_MR
	28699	GM_M35_B2_E01	GM_M35_B2_E01_MF	
	28700	GM_M35_B2_E01		GM_M35_B2_E01_MR
	28701	GM_M35_B2_E03	GM_M35_B2_E03_MF	
50	28702	GM_M35_B2_E03		GM_M35_B2_E03_MR
	28703	GM_M35_B2_E04	GM_M35_B2_E04_MF	
	28704	GM_M35_B2_E06	GM_M35_B2_E06_MF	
	28705	GM_M35_B2_E06		GM_M35_B2_E06_MR
	28706	GM_M35_B2_E07	GM_M35_B2_E07_MF	
55	28707	GM_M35_B2_E07		GM_M35_B2_E07_MR

	28708	GM_M35_B2_E09	GM_M35_B2_E09_MF	
	28709	GM_M35_B2_E09		GM_M35_B2_E09_MR
	28710	GM_M35_B2_E10	GM_M35_B2_E10_MF	
	28711	GM_M35_B2_E11	GM_M35_B2_E11_MF	
5	28712	GM_M35_B2_E11		GM_M35_B2_E11_MR
	28713	GM_M35_B2_E12	GM_M35_B2_E12_MF	
	28714	GM_M35_B2_E12		GM_M35_B2_E12_MR
	28715	GM_M35_B2_F01	GM_M35_B2_F01_MF	
	28716	GM_M35_B2_F01		GM_M35_B2_F01_MR
10	28717	GM_M35_B2_F02	GM_M35_B2_F02_MF	
	28718	GM_M35_B2_F02		GM_M35_B2_F02_MR
	28719	GM_M35_B2_F03	GM_M35_B2_F03_MF	
	28720	GM_M35_B2_F03		GM_M35_B2_F03_MR
	28721	GM_M35_B2_F04	GM_M35_B2_F04_MF	
15	28722	GM_M35_B2_F04		GM_M35_B2_F04_MR
	28723	GM_M35_B2_F05	GM_M35_B2_F05_MF	
	28724	GM_M35_B2_F05		GM_M35_B2_F05_MR
	28725	GM_M35_B2_F06	GM_M35_B2_F06_MF	
	28726	GM_M35_B2_F06		GM_M35_B2_F06_MR
20	28727	GM_M35_B2_F07	GM_M35_B2_F07_MF	
	28728	GM_M35_B2_F07		GM_M35_B2_F07_MR
	28729	GM_M35_B2_F08	GM_M35_B2_F08_MF	
	28730	GM_M35_B2_F08		GM_M35_B2_F08_MR
	28731	GM_M35_B2_F09	GM_M35_B2_F09_MF	
25	28732	GM_M35_B2_F09		GM_M35_B2_F09_MR
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	28734	GM_M35_B2_F11	GM_M35_B2_F11_MF	
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30	28737	GM_M35_B2_F12		GM_M35_B2_F12_MR
	28738	GM_M35_B2_G01	GM_M35_B2_G01_MF	
	28739	GM_M35_B2_G01		GM_M35_B2_G01_MR
	28740	GM_M35_B2_G02	GM_M35_B2_G02_MF	
	28741	GM_M35_B2_G02		GM_M35_B2_G02_MR
35	28742	GM_M35_B2_G03	GM_M35_B2_G03_MF	
	28743	GM_M35_B2_G03		GM_M35_B2_G03_MR
	28744	GM_M35_B2_G04	GM_M35_B2_G04_MF	
	28745	GM_M35_B2_G04		GM_M35_B2_G04_MR
	28746	GM_M35_B2_G05	GM_M35_B2_G05_MF	
40	28747	GM_M35_B2_G05		GM_M35_B2_G05_MR
	28748	GM_M35_B2_G06	GM_M35_B2_G06_MF	
	28749	GM_M35_B2_G06		GM_M35_B2_G06_MR
	28750	GM_M35_B2_G07	GM_M35_B2_G07_MF	
	28751	GM_M35_B2_G07		GM_M35_B2_G07_MR
45	28752	GM_M35_B2_G08	GM_M35_B2_G08_MF	
	28753	GM_M35_B2_G08		GM_M35_B2_G08_MR
	28754	GM_M35_B2_G09	GM_M35_B2_G09_MF	
	28755	GM_M35_B2_G09		GM_M35_B2_G09_MR
	28756	GM_M35_B2_G10	GM_M35_B2_G10_MF	
50	28757	GM_M35_B2_G10		GM_M35_B2_G10_MR
	28758	GM_M35_B2_G11	GM_M35_B2_G11_MF	
	28759	GM_M35_B2_G11		GM_M35_B2_G11_MR
	28760	GM_M35_B2_H01	GM_M35_B2_H01_MF	
	28761	GM_M35_B2_H01		GM_M35_B2_H01_MR
55	28762	GM_M35_B2_H02	GM_M35_B2_H02_MF	

	28763	GM_M35_B2_H02		GM_M35_B2_H02_MR
	28764	GM_M35_B2_H03	GM_M35_B2_H03_MF	
	28765	GM_M35_B2_H03		GM_M35_B2_H03_MR
	28766	GM_M35_B2_H04	GM_M35_B2_H04_MF	
5	28767	GM_M35_B2_H04		GM_M35_B2_H04_MR
	28768	GM_M35_B2_H05	GM_M35_B2_H05_MF	
	28769	GM_M35_B2_H05		GM_M35_B2_H05_MR
	28770	GM_M35_B2_H06		GM_M35_B2_H06_MR
	28771	GM_M35_B2_H07	GM_M35_B2_H07_MF	
10	28772	GM_M35_B2_H07		GM_M35_B2_H07_MR
	28773	GM_M35_B2_H08	GM_M35_B2_H08_MF	
	28774	GM_M35_B2_H08		GM_M35_B2_H08_MR
	28775	GM_M35_B2_H09	GM_M35_B2_H09_MF	
	28776	GM_M35_B2_H09		GM_M35_B2_H09_MR
15	28777	GM_M35_B2_H10	GM_M35_B2_H10_MF	
	28778	GM_M35_B2_H10		GM_M35_B2_H10_MR
	28779	GM_M35_B2_H11	GM_M35_B2_H11_MF	
	28780	GM_M35_B2_H12	GM_M35_B2_H12_MF	
	28781	GM_M35_B2_H12		GM_M35_B2_H12_MR
20	28782	GM_M36_A1_A02		GM_M36_A1_A02_MR
	28783	GM_M36_A1_A03		GM_M36_A1_A03_MR
	28784	GM_M36_A1_A04		GM_M36_A1_A04_MR
	28785	GM_M36_A1_A09		GM_M36_A1_A09_MR
	28786	GM_M36_A1_A10		GM_M36_A1_A10_MR
25	28787	GM_M36_A1_A11		GM_M36_A1_A11_MR
	28788	GM_M36_A1_A12		GM_M36_A1_A12_MR
	28789	GM_M36_A1_B01		GM_M36_A1_B01_MR
	28790	GM_M36_A1_B03		GM_M36_A1_B03_MR
	28791	GM_M36_A1_B04		GM_M36_A1_B04_MR
30	28792	GM_M36_A1_B05		GM_M36_A1_B05_MR
	28793	GM_M36_A1_B06		GM_M36_A1_B06_MR
	28794	GM_M36_A1_B07		GM_M36_A1_B07_MR
	28795	GM_M36_A1_B08		GM_M36_A1_B08_MR
	28796	GM_M36_A1_B10		GM_M36_A1_B10_MR
35	28797	GM_M36_A1_B11		GM_M36_A1_B11_MR
	28798	GM_M36_A1_B12		GM_M36_A1_B12_MR
	28799	GM_M36_A1_C02		GM_M36_A1_C02_MR
	28800	GM_M36_A1_C03		GM_M36_A1_C03_MR
	28801	GM_M36_A1_C04		GM_M36_A1_C04_MR
40	28802	GM_M36_A1_C05		GM_M36_A1_C05_MR
	28803	GM_M36_A1_C06		GM_M36_A1_C06_MR
	28804	GM_M36_A1_C07		GM_M36_A1_C07_MR
	28805	GM_M36_A1_C08		GM_M36_A1_C08_MR
	28806	GM_M36_A1_C09		GM_M36_A1_C09_MR
45	28807	GM_M36_A1_C10		GM_M36_A1_C10_MR
	28808	GM_M36_A1_C11		GM_M36_A1_C11_MR
	28809	GM_M36_A1_C12		GM_M36_A1_C12_MR
	28810	GM_M36_A1_D01		GM_M36_A1_D01_MR
	28811	GM_M36_A1_D02		GM_M36_A1_D02_MR
50	28812	GM_M36_A1_D03		GM_M36_A1_D03_MR
	28813	GM_M36_A1_D04		GM_M36_A1_D04_MR
	28814	GM_M36_A1_D05		GM_M36_A1_D05_MR
	28815	GM_M36_A1_D06		GM_M36_A1_D06_MR
	28816	GM_M36_A1_D07		GM_M36_A1_D07_MR
55	28817	GM_M36_A1_D08		GM_M36_A1_D08_MR

	28818	GM_M36_A1_D09	GM_M36_A1_D09_MR
	28819	GM_M36_A1_D10	GM_M36_A1_D10_MR
	28820	GM_M36_A1_D11	GM_M36_A1_D11_MR
	28821	GM_M36_A1_D12	GM_M36_A1_D12_MR
5	28822	GM_M36_A1_E01	GM_M36_A1_E01_MR
	28823	GM_M36_A1_E03	GM_M36_A1_E03_MR
	28824	GM_M36_A1_E07	GM_M36_A1_E07_MR
	28825	GM_M36_A1_E08	GM_M36_A1_E08_MR
	28826	GM_M36_A1_E09	GM_M36_A1_E09_MR
10	28827	GM_M36_A1_E10	GM_M36_A1_E10_MR
	28828	GM_M36_A1_E11	GM_M36_A1_E11_MR
	28829	GM_M36_A1_E12	GM_M36_A1_E12_MR
	28830	GM_M36_A1_F01	GM_M36_A1_F01_MR
	28831	GM_M36_A1_F02	GM_M36_A1_F02_MR
15	28832	GM_M36_A1_F05	GM_M36_A1_F05_MR
	28833	GM_M36_A1_F06	GM_M36_A1_F06_MR
	28834	GM_M36_A1_F07	GM_M36_A1_F07_MR
	28835	GM_M36_A1_F08	GM_M36_A1_F08_MR
	28836	GM_M36_A1_F09	GM_M36_A1_F09_MR
20	28837	GM_M36_A1_F10	GM_M36_A1_F10_MR
	28838	GM_M36_A1_F11	GM_M36_A1_F11_MR
	28839	GM_M36_A1_F12	GM_M36_A1_F12_MR
	28840	GM_M36_A1_G01	GM_M36_A1_G01_MR
	28841	GM_M36_A1_G02	GM_M36_A1_G02_MR
25	28842	GM_M36_A1_G03	GM_M36_A1_G03_MR
	28843	GM_M36_A1_G04	GM_M36_A1_G04_MR
	28844	GM_M36_A1_G05	GM_M36_A1_G05_MR
	28845	GM_M36_A1_G07	GM_M36_A1_G07_MR
	28846	GM_M36_A1_G09	GM_M36_A1_G09_MR
30	28847	GM_M36_A1_G10	GM_M36_A1_G10_MR
	28848	GM_M36_A1_G11	GM_M36_A1_G11_MR
	28849	GM_M36_A1_G12	GM_M36_A1_G12_MR
	28850	GM_M36_A1_H01	GM_M36_A1_H01_MR
	28851	GM_M36_A1_H02	GM_M36_A1_H02_MR
35	28852	GM_M36_A1_H03	GM_M36_A1_H03_MR
	28853	GM_M36_A1_H04	GM_M36_A1_H04_MR
	28854	GM_M36_A1_H05	GM_M36_A1_H05_MR
	28855	GM_M36_A1_H07	GM_M36_A1_H07_MR
	28856	GM_M36_A1_H08	GM_M36_A1_H08_MR
40	28857	GM_M36_A1_H09	GM_M36_A1_H09_MR
	28858	GM_M36_A1_H10	GM_M36_A1_H10_MR
	28859	GM_M36_A1_H11	GM_M36_A1_H11_MR
	28860	GM_M36_A1_H12	GM_M36_A1_H12_MR
	28861	GM_M36_B1_A01	GM_M36_B1_A01_MR
45	28862	GM_M36_B1_A02	GM_M36_B1_A02_MR
	28863	GM_M36_B1_A03	GM_M36_B1_A03_MR
	28864	GM_M36_B1_A04	GM_M36_B1_A04_MR
	28865	GM_M36_B1_A05	GM_M36_B1_A05_MR
	28866	GM_M36_B1_A06	GM_M36_B1_A06_MR
50	28867	GM_M36_B1_A08	GM_M36_B1_A08_MR
	28868	GM_M36_B1_A09	GM_M36_B1_A09_MR
	28869	GM_M36_B1_A10	GM_M36_B1_A10_MR
	28870	GM_M36_B1_A11	GM_M36_B1_A11_MR
	28871	GM_M36_B1_A12	GM_M36_B1_A12_MR
55	28872	GM_M36_B1_B01	GM_M36_B1_B01_MR

	28873	GM_M36_B1_B03	GM_M36_B1_B03_MR
	28874	GM_M36_B1_B04	GM_M36_B1_B04_MR
	28875	GM_M36_B1_B05	GM_M36_B1_B05_MR
	28876	GM_M36_B1_B06	GM_M36_B1_B06_MR
5	28877	GM_M36_B1_B07	GM_M36_B1_B07_MR
	28878	GM_M36_B1_B08	GM_M36_B1_B08_MR
	28879	GM_M36_B1_B09	GM_M36_B1_B09_MR
	28880	GM_M36_B1_B10	GM_M36_B1_B10_MR
	28881	GM_M36_B1_B11	GM_M36_B1_B11_MR
10	28882	GM_M36_B1_B12	GM_M36_B1_B12_MR
	28883	GM_M36_B1_C01	GM_M36_B1_C01_MR
	28884	GM_M36_B1_C02	GM_M36_B1_C02_MR
	28885	GM_M36_B1_C03	GM_M36_B1_C03_MR
	28886	GM_M36_B1_C04	GM_M36_B1_C04_MR
15	28887	GM_M36_B1_C05	GM_M36_B1_C05_MR
	28888	GM_M36_B1_C06	GM_M36_B1_C06_MR
	28889	GM_M36_B1_C07	GM_M36_B1_C07_MR
	28890	GM_M36_B1_C08	GM_M36_B1_C08_MR
	28891	GM_M36_B1_C09	GM_M36_B1_C09_MR
20	28892	GM_M36_B1_C10	GM_M36_B1_C10_MR
	28893	GM_M36_B1_C11	GM_M36_B1_C11_MR
	28894	GM_M36_B1_C12	GM_M36_B1_C12_MR
	28895	GM_M36_B1_D01	GM_M36_B1_D01_MR
	28896	GM_M36_B1_D02	GM_M36_B1_D02_MR
25	28897	GM_M36_B1_D03	GM_M36_B1_D03_MR
	28898	GM_M36_B1_D04	GM_M36_B1_D04_MR
	28899	GM_M36_B1_D06	GM_M36_B1_D06_MR
	28900	GM_M36_B1_D07	GM_M36_B1_D07_MR
	28901	GM_M36_B1_D08	GM_M36_B1_D08_MR
30	28902	GM_M36_B1_D09	GM_M36_B1_D09_MR
	28903	GM_M36_B1_D10	GM_M36_B1_D10_MR
	28904	GM_M36_B1_D11	GM_M36_B1_D11_MR
	28905	GM_M36_B1_D12	GM_M36_B1_D12_MR
	28906	GM_M36_B1_E01	GM_M36_B1_E01_MR
35	28907	GM_M36_B1_E02	GM_M36_B1_E02_MR
	28908	GM_M36_B1_E03	GM_M36_B1_E03_MR
	28909	GM_M36_B1_E04	GM_M36_B1_E04_MR
	28910	GM_M36_B1_E05	GM_M36_B1_E05_MR
	28911	GM_M36_B1_E06	GM_M36_B1_E06_MR
40	28912	GM_M36_B1_E07	GM_M36_B1_E07_MR
	28913	GM_M36_B1_E08	GM_M36_B1_E08_MR
	28914	GM_M36_B1_E09	GM_M36_B1_E09_MR
	28915	GM_M36_B1_E10	GM_M36_B1_E10_MR
	28916	GM_M36_B1_E11	GM_M36_B1_E11_MR
45	28917	GM_M36_B1_E12	GM_M36_B1_E12_MR
	28918	GM_M36_B1_F01	GM_M36_B1_F01_MR
	28919	GM_M36_B1_F02	GM_M36_B1_F02_MR
	28920	GM_M36_B1_F03	GM_M36_B1_F03_MR
	28921	GM_M36_B1_F04	GM_M36_B1_F04_MR
50	28922	GM_M36_B1_F05	GM_M36_B1_F05_MR
	28923	GM_M36_B1_F06	GM_M36_B1_F06_MR
	28924	GM_M36_B1_F07	GM_M36_B1_F07_MR
	28925	GM_M36_B1_F08	GM_M36_B1_F08_MR
	28926	GM_M36_B1_F09	GM_M36_B1_F09_MR
55	28927	GM_M36_B1_F10	GM_M36_B1_F10_MR

	28928	GM_M36_B1_F11		GM_M36_B1_F11_MR
	28929	GM_M36_B1_F12		GM_M36_B1_F12_MR
	28930	GM_M36_B1_G01		GM_M36_B1_G01_MR
	28931	GM_M36_B1_G03		GM_M36_B1_G03_MR
5	28932	GM_M36_B1_G04		GM_M36_B1_G04_MR
	28933	GM_M36_B1_G05		GM_M36_B1_G05_MR
	28934	GM_M36_B1_G06		GM_M36_B1_G06_MR
	28935	GM_M36_B1_G07		GM_M36_B1_G07_MR
	28936	GM_M36_B1_G08		GM_M36_B1_G08_MR
10	28937	GM_M36_B1_G09		GM_M36_B1_G09_MR
	28938	GM_M36_B1_G11		GM_M36_B1_G11_MR
	28939	GM_M36_B1_G12		GM_M36_B1_G12_MR
	28940	GM_M36_B1_H01		GM_M36_B1_H01_MR
	28941	GM_M36_B1_H02		GM_M36_B1_H02_MR
15	28942	GM_M36_B1_H03		GM_M36_B1_H03_MR
	28943	GM_M36_B1_H04		GM_M36_B1_H04_MR
	28944	GM_M36_B1_H05		GM_M36_B1_H05_MR
	28945	GM_M36_B1_H06		GM_M36_B1_H06_MR
	28946	GM_M36_B1_H07		GM_M36_B1_H07_MR
20	28947	GM_M36_B1_H08		GM_M36_B1_H08_MR
	28948	GM_M36_B1_H09		GM_M36_B1_H09_MR
	28949	GM_M36_B1_H11		GM_M36_B1_H11_MR
	28950	GM_M36_B1_H12		GM_M36_B1_H12_MR
	28951	GM_M36_B2_A01	GM_M36_B2_A01_MF	
25	28952	GM_M36_B2_A01		GM_M36_B2_A01_MR
	28953	GM_M36_B2_A02	GM_M36_B2_A02_MF	
	28954	GM_M36_B2_A02		GM_M36_B2_A02_MR
	28955	GM_M36_B2_A03	GM_M36_B2_A03_MF	
	28956	GM_M36_B2_A03		GM_M36_B2_A03_MR
30	28957	GM_M36_B2_A04	GM_M36_B2_A04_MF	
	28958	GM_M36_B2_A04		GM_M36_B2_A04_MR
	28959	GM_M36_B2_A05	GM_M36_B2_A05_MF	
	28960	GM_M36_B2_A05		GM_M36_B2_A05_MR
	28961	GM_M36_B2_A06		GM_M36_B2_A06_MR
35	28962	GM_M36_B2_A07	GM_M36_B2_A07_MF	
	28963	GM_M36_B2_A07		GM_M36_B2_A07_MR
	28964	GM_M36_B2_A08	GM_M36_B2_A08_MF	
	28965	GM_M36_B2_A08		GM_M36_B2_A08_MR
	28966	GM_M36_B2_A09	GM_M36_B2_A09_MF	
40	28967	GM_M36_B2_A09		GM_M36_B2_A09_MR
	28968	GM_M36_B2_A10		GM_M36_B2_A10_MR
	28969	GM_M36_B2_A11		GM_M36_B2_A11_MR
	28970	GM_M36_B2_A12	GM_M36_B2_A12_MF	
	28971	GM_M36_B2_A12		GM_M36_B2_A12_MR
45	28972	GM_M36_B2_B01		GM_M36_B2_B01_MR
	28973	GM_M36_B2_B02	GM_M36_B2_B02_MF	
	28974	GM_M36_B2_B02		GM_M36_B2_B02_MR
	28975	GM_M36_B2_B03	GM_M36_B2_B03_MF	
	28976	GM_M36_B2_B03		GM_M36_B2_B03_MR
50	28977	GM_M36_B2_B04	GM_M36_B2_B04_MF	
	28978	GM_M36_B2_B05		GM_M36_B2_B05_MR
	28979	GM_M36_B2_B06	GM_M36_B2_B06_MF	
	28980	GM_M36_B2_B06		GM_M36_B2_B06_MR
	28981	GM_M36_B2_B07	GM_M36_B2_B07_MF	
55	28982	GM_M36_B2_B07		GM_M36_B2_B07_MR

	28983	GM_M36_B2_B08	GM_M36_B2_B08_MF	
	28984	GM_M36_B2_B08		GM_M36_B2_B08_MR
	28985	GM_M36_B2_B09	GM_M36_B2_B09_MF	
	28986	GM_M36_B2_B09		GM_M36_B2_B09_MR
5	28987	GM_M36_B2_B10	GM_M36_B2_B10_MF	
	28988	GM_M36_B2_B10		GM_M36_B2_B10_MR
	28989	GM_M36_B2_B11	GM_M36_B2_B11_MF	
	28990	GM_M36_B2_B12	GM_M36_B2_B12_MF	
	28991	GM_M36_B2_B12		GM_M36_B2_B12_MR
10	28992	GM_M36_B2_C01	GM_M36_B2_C01_MF	
	28993	GM_M36_B2_C01		GM_M36_B2_C01_MR
	28994	GM_M36_B2_C02	GM_M36_B2_C02_MF	
	28995	GM_M36_B2_C02		GM_M36_B2_C02_MR
	28996	GM_M36_B2_C03	GM_M36_B2_C03_MF	
15	28997	GM_M36_B2_C03		GM_M36_B2_C03_MR
	28998	GM_M36_B2_C04	GM_M36_B2_C04_MF	
	28999	GM_M36_B2_C04		GM_M36_B2_C04_MR
	29000	GM_M36_B2_C05	GM_M36_B2_C05_MF	
	29001	GM_M36_B2_C06	GM_M36_B2_C06_MF	
20	29002	GM_M36_B2_C06		GM_M36_B2_C06_MR
	29003	GM_M36_B2_C07	GM_M36_B2_C07_MF	
	29004	GM_M36_B2_C07		GM_M36_B2_C07_MR
	29005	GM_M36_B2_C08	GM_M36_B2_C08_MF	
	29006	GM_M36_B2_C08		GM_M36_B2_C08_MR
25	29007	GM_M36_B2_C09	GM_M36_B2_C09_MF	
	29008	GM_M36_B2_C09		GM_M36_B2_C09_MR
	29009	GM_M36_B2_C11	GM_M36_B2_C11_MF	
	29010	GM_M36_B2_C11		GM_M36_B2_C11_MR
	29011	GM_M36_B2_C12	GM_M36_B2_C12_MF	
30	29012	GM_M36_B2_C12		GM_M36_B2_C12_MR
	29013	GM_M36_B2_D01	GM_M36_B2_D01_MF	
	29014	GM_M36_B2_D02	GM_M36_B2_D02_MF	
	29015	GM_M36_B2_D02		GM_M36_B2_D02_MR
	29016	GM_M36_B2_D03	GM_M36_B2_D03_MF	
35	29017	GM_M36_B2_D03		GM_M36_B2_D03_MR
	29018	GM_M36_B2_D04	GM_M36_B2_D04_MF	
	29019	GM_M36_B2_D04		GM_M36_B2_D04_MR
	29020	GM_M36_B2_D05	GM_M36_B2_D05_MF	
	29021	GM_M36_B2_D06	GM_M36_B2_D06_MF	
40	29022	GM_M36_B2_D06		GM_M36_B2_D06_MR
	29023	GM_M36_B2_D07	GM_M36_B2_D07_MF	
	29024	GM_M36_B2_D07		GM_M36_B2_D07_MR
	29025	GM_M36_B2_D08	GM_M36_B2_D08_MF	
	29026	GM_M36_B2_D08		GM_M36_B2_D08_MR
45	29027	GM_M36_B2_D09	GM_M36_B2_D09_MF	
	29028	GM_M36_B2_D09		GM_M36_B2_D09_MR
	29029	GM_M36_B2_D10	GM_M36_B2_D10_MF	
	29030	GM_M36_B2_D10		GM_M36_B2_D10_MR
	29031	GM_M36_B2_D11	GM_M36_B2_D11_MF	
50	29032	GM_M36_B2_D11		GM_M36_B2_D11_MR
	29033	GM_M36_B2_D12	GM_M36_B2_D12_MF	
	29034	GM_M36_B2_D12		GM_M36_B2_D12_MR
	29035	GM_M36_B2_E01	GM_M36_B2_E01_MF	
	29036	GM_M36_B2_E01		GM_M36_B2_E01_MR
55	29037	GM_M36_B2_E02	GM_M36_B2_E02_MF	

	29038	GM_M36_B2_E02		GM_M36_B2_E02_MR
	29039	GM_M36_B2_E03	GM_M36_B2_E03_MF	
	29040	GM_M36_B2_E03		GM_M36_B2_E03_MR
	29041	GM_M36_B2_E04	GM_M36_B2_E04_MF	
5	29042	GM_M36_B2_E04		GM_M36_B2_E04_MR
	29043	GM_M36_B2_E05	GM_M36_B2_E05_MF	
	29044	GM_M36_B2_E07	GM_M36_B2_E07_MF	
	29045	GM_M36_B2_E08	GM_M36_B2_E08_MF	
	29046	GM_M36_B2_E09	GM_M36_B2_E09_MF	
10	29047	GM_M36_B2_E11	GM_M36_B2_E11_MF	
	29048	GM_M36_B2_E12	GM_M36_B2_E12_MF	
	29049	GM_M36_B2_F02	GM_M36_B2_F02_MF	
	29050	GM_M36_B2_F03	GM_M36_B2_F03_MF	
	29051	GM_M36_B2_F04	GM_M36_B2_F04_MF	
15	29052	GM_M36_B2_F05	GM_M36_B2_F05_MF	
	29053	GM_M36_B2_F06	GM_M36_B2_F06_MF	
	29054	GM_M36_B2_F07	GM_M36_B2_F07_MF	
	29055	GM_M36_B2_F09	GM_M36_B2_F09_MF	
	29056	GM_M36_B2_F10	GM_M36_B2_F10_MF	
20	29057	GM_M36_B2_F11	GM_M36_B2_F11_MF	
	29058	GM_M36_B2_F12	GM_M36_B2_F12_MF	
	29059	GM_M36_B2_G04	GM_M36_B2_G04_MF	
	29060	GM_M36_B2_G05	GM_M36_B2_G05_MF	
	29061	GM_M36_B2_G07	GM_M36_B2_G07_MF	
25	29062	GM_M36_B2_G09	GM_M36_B2_G09_MF	
	29063	GM_M36_B2_G10	GM_M36_B2_G10_MF	
	29064	GM_M36_B2_G11	GM_M36_B2_G11_MF	
	29065	GM_M36_B2_G12	GM_M36_B2_G12_MF	
	29066	GM_M36_B2_H01	GM_M36_B2_H01_MF	
30	29067	GM_M36_B2_H03	GM_M36_B2_H03_MF	
	29068	GM_M36_B2_H04	GM_M36_B2_H04_MF	
	29069	GM_M36_B2_H05	GM_M36_B2_H05_MF	
	29070	GM_M36_B2_H06	GM_M36_B2_H06_MF	
	29071	GM_M36_B2_H07	GM_M36_B2_H07_MF	
35	29072	GM_M36_B2_H08	GM_M36_B2_H08_MF	
	29073	GM_M36_B2_H09	GM_M36_B2_H09_MF	
	29074	GM_M36_B2_H10	GM_M36_B2_H10_MF	
	29075	GM_M36_B2_H11	GM_M36_B2_H11_MF	
	29076	GM_M37_A1_A11	GM_M37_A1_A11_MF	
40	29077	GM_M37_A1_B01	GM_M37_A1_B01_MF	
	29078	GM_M37_A1_B02	GM_M37_A1_B02_MF	
	29079	GM_M37_A1_B03	GM_M37_A1_B03_MF	
	29080	GM_M37_A1_B04	GM_M37_A1_B04_MF	
	29081	GM_M37_A1_B04		GM_M37_A1_B04_MR
45	29082	GM_M37_A1_B05	GM_M37_A1_B05_MF	
	29083	GM_M37_A1_B05		GM_M37_A1_B05_MR
	29084	GM_M37_A1_B06	GM_M37_A1_B06_MF	
	29085	GM_M37_A1_B07	GM_M37_A1_B07_MF	
	29086	GM_M37_A1_B07		GM_M37_A1_B07_MR
50	29087	GM_M37_A1_B08	GM_M37_A1_B08_MF	
	29088	GM_M37_A1_B08		GM_M37_A1_B08_MR
	29089	GM_M37_A1_B09	GM_M37_A1_B09_MF	
	29090	GM_M37_A1_B09		GM_M37_A1_B09_MR
	29091	GM_M37_A1_B10	GM_M37_A1_B10_MF	
55	29092	GM_M37_A1_B10		GM_M37_A1_B10_MR

	29093	GM_M37_A1_B11		GM_M37_A1_B11_MR
	29094	GM_M37_A1_B12	GM_M37_A1_B12_MF	
	29095	GM_M37_A1_B12		GM_M37_A1_B12_MR
	29096	GM_M37_A1_C01	GM_M37_A1_C01_MF	
5	29097	GM_M37_A1_C01		GM_M37_A1_C01_MR
	29098	GM_M37_A1_C02	GM_M37_A1_C02_MF	
	29099	GM_M37_A1_C02		GM_M37_A1_C02_MR
	29100	GM_M37_A1_C03	GM_M37_A1_C03_MF	
	29101	GM_M37_A1_C03		GM_M37_A1_C03_MR
10	29102	GM_M37_A1_C04	GM_M37_A1_C04_MF	
	29103	GM_M37_A1_C04		GM_M37_A1_C04_MR
	29104	GM_M37_A1_C05	GM_M37_A1_C05_MF	
	29105	GM_M37_A1_C05		GM_M37_A1_C05_MR
	29106	GM_M37_A1_C06	GM_M37_A1_C06_MF	
15	29107	GM_M37_A1_C06		GM_M37_A1_C06_MR
	29108	GM_M37_A1_C07	GM_M37_A1_C07_MF	
	29109	GM_M37_A1_C07		GM_M37_A1_C07_MR
	29110	GM_M37_A1_C08	GM_M37_A1_C08_MF	
	29111	GM_M37_A1_C08		GM_M37_A1_C08_MR
20	29112	GM_M37_A1_C09	GM_M37_A1_C09_MF	
	29113	GM_M37_A1_C09		GM_M37_A1_C09_MR
	29114	GM_M37_A1_C10	GM_M37_A1_C10_MF	
	29115	GM_M37_A1_C10		GM_M37_A1_C10_MR
	29116	GM_M37_A1_C11	GM_M37_A1_C11_MF	
25	29117	GM_M37_A1_C11		GM_M37_A1_C11_MR
	29118	GM_M37_A1_C12	GM_M37_A1_C12_MF	
	29119	GM_M37_A1_C12		GM_M37_A1_C12_MR
	29120	GM_M37_A1_D01	GM_M37_A1_D01_MF	
	29121	GM_M37_A1_D01		GM_M37_A1_D01_MR
30	29122	GM_M37_A1_D02	GM_M37_A1_D02_MF	
	29123	GM_M37_A1_D02		GM_M37_A1_D02_MR
	29124	GM_M37_A1_D03	GM_M37_A1_D03_MF	
	29125	GM_M37_A1_D03		GM_M37_A1_D03_MR
	29126	GM_M37_A1_D04	GM_M37_A1_D04_MF	
35	29127	GM_M37_A1_D04		GM_M37_A1_D04_MR
	29128	GM_M37_A1_D05	GM_M37_A1_D05_MF	
	29129	GM_M37_A1_D05		GM_M37_A1_D05_MR
	29130	GM_M37_A1_D06	GM_M37_A1_D06_MF	
	29131	GM_M37_A1_D06		GM_M37_A1_D06_MR
40	29132	GM_M37_A1_D07	GM_M37_A1_D07_MF	
	29133	GM_M37_A1_D07		GM_M37_A1_D07_MR
	29134	GM_M37_A1_D09	GM_M37_A1_D09_MF	
	29135	GM_M37_A1_D09		GM_M37_A1_D09_MR
	29136	GM_M37_A1_D10	GM_M37_A1_D10_MF	
45	29137	GM_M37_A1_D10		GM_M37_A1_D10_MR
	29138	GM_M37_A1_D11	GM_M37_A1_D11_MF	
	29139	GM_M37_A1_D11		GM_M37_A1_D11_MR
	29140	GM_M37_A1_D12	GM_M37_A1_D12_MF	
	29141	GM_M37_A1_D12		GM_M37_A1_D12_MR
50	29142	GM_M37_A1_E03		GM_M37_A1_E03_MR
	29143	GM_M37_A1_F01	GM_M37_A1_F01_MF	
	29144	GM_M37_A1_F01		GM_M37_A1_F01_MR
	29145	GM_M37_A1_F02	GM_M37_A1_F02_MF	
	29146	GM_M37_A1_F03	GM_M37_A1_F03_MF	
55	29147	GM_M37_A1_F03		GM_M37_A1_F03_MR

	29148	GM_M37_A1_F04	GM_M37_A1_F04_MF	
	29149	GM_M37_A1_F04		GM_M37_A1_F04_MR
	29150	GM_M37_A1_F05	GM_M37_A1_F05_MF	
	29151	GM_M37_A1_F05		GM_M37_A1_F05_MR
5	29152	GM_M37_A1_F06	GM_M37_A1_F06_MF	
	29153	GM_M37_A1_F07	GM_M37_A1_F07_MF	
	29154	GM_M37_A1_F08	GM_M37_A1_F08_MF	
	29155	GM_M37_A1_F09	GM_M37_A1_F09_MF	
	29156	GM_M37_A1_F10	GM_M37_A1_F10_MF	
10	29157	GM_M37_A1_F10		GM_M37_A1_F10_MR
	29158	GM_M37_A1_F11	GM_M37_A1_F11_MF	
	29159	GM_M37_A1_F11		GM_M37_A1_F11_MR
	29160	GM_M37_A1_F12	GM_M37_A1_F12_MF	
	29161	GM_M37_A1_G01	GM_M37_A1_G01_MF	
15	29162	GM_M37_A1_G01		GM_M37_A1_G01_MR
	29163	GM_M37_A1_G02	GM_M37_A1_G02_MF	
	29164	GM_M37_A1_G02		GM_M37_A1_G02_MR
	29165	GM_M37_A1_G03	GM_M37_A1_G03_MF	
	29166	GM_M37_A1_G03		GM_M37_A1_G03_MR
20	29167	GM_M37_A1_G04	GM_M37_A1_G04_MF	
	29168	GM_M37_A1_G04		GM_M37_A1_G04_MR
	29169	GM_M37_A1_G05	GM_M37_A1_G05_MF	
	29170	GM_M37_A1_G05		GM_M37_A1_G05_MR
	29171	GM_M37_A1_G06	GM_M37_A1_G06_MF	
25	29172	GM_M37_A1_G06		GM_M37_A1_G06_MR
	29173	GM_M37_A1_G07	GM_M37_A1_G07_MF	
	29174	GM_M37_A1_G07		GM_M37_A1_G07_MR
	29175	GM_M37_A1_G08	GM_M37_A1_G08_MF	
	29176	GM_M37_A1_G08		GM_M37_A1_G08_MR
30	29177	GM_M37_A1_G09	GM_M37_A1_G09_MF	
	29178	GM_M37_A1_G09		GM_M37_A1_G09_MR
	29179	GM_M37_A1_G10	GM_M37_A1_G10_MF	
	29180	GM_M37_A1_G10		GM_M37_A1_G10_MR
	29181	GM_M37_A1_G11	GM_M37_A1_G11_MF	
35	29182	GM_M37_A1_G11		GM_M37_A1_G11_MR
	29183	GM_M37_A1_G12	GM_M37_A1_G12_MF	
	29184	GM_M37_A1_G12		GM_M37_A1_G12_MR
	29185	GM_M37_A1_H01	GM_M37_A1_H01_MF	
	29186	GM_M37_A1_H01		GM_M37_A1_H01_MR
40	29187	GM_M37_A1_H02	GM_M37_A1_H02_MF	
	29188	GM_M37_A1_H02		GM_M37_A1_H02_MR
	29189	GM_M37_A1_H03	GM_M37_A1_H03_MF	
	29190	GM_M37_A1_H03		GM_M37_A1_H03_MR
	29191	GM_M37_A1_H04	GM_M37_A1_H04_MF	
45	29192	GM_M37_A1_H04		GM_M37_A1_H04_MR
	29193	GM_M37_A1_H05	GM_M37_A1_H05_MF	
	29194	GM_M37_A1_H05		GM_M37_A1_H05_MR
	29195	GM_M37_A1_H06	GM_M37_A1_H06_MF	
	29196	GM_M37_A1_H06		GM_M37_A1_H06_MR
50	29197	GM_M37_A1_H07	GM_M37_A1_H07_MF	
	29198	GM_M37_A1_H07		GM_M37_A1_H07_MR
	29199	GM_M37_A1_H08	GM_M37_A1_H08_MF	
	29200	GM_M37_A1_H08		GM_M37_A1_H08_MR
	29201	GM_M37_A1_H09	GM_M37_A1_H09_MF	
55	29202	GM_M37_A1_H09		GM_M37_A1_H09_MR

	29203	GM_M37_A1_H10	GM_M37_A1_H10_MF	
	29204	GM_M37_A1_H10		GM_M37_A1_H10_MR
	29205	GM_M37_A1_H11	GM_M37_A1_H11_MF	
	29206	GM_M37_A1_H11		GM_M37_A1_H11_MR
5	29207	GM_M37_A1_H12	GM_M37_A1_H12_MF	
	29208	GM_M37_A1_H12		GM_M37_A1_H12_MR
	29209	GM_M37_B1_A01	GM_M37_B1_A01_MF	
	29210	GM_M37_B1_A02	GM_M37_B1_A02_MF	
	29211	GM_M37_B1_A02		GM_M37_B1_A02_MR
10	29212	GM_M37_B1_A03	GM_M37_B1_A03_MF	
	29213	GM_M37_B1_A03		GM_M37_B1_A03_MR
	29214	GM_M37_B1_A04	GM_M37_B1_A04_MF	
	29215	GM_M37_B1_A04		GM_M37_B1_A04_MR
	29216	GM_M37_B1_A05	GM_M37_B1_A05_MF	
15	29217	GM_M37_B1_A05		GM_M37_B1_A05_MR
	29218	GM_M37_B1_A06	GM_M37_B1_A06_MF	
	29219	GM_M37_B1_A07	GM_M37_B1_A07_MF	
	29220	GM_M37_B1_A07		GM_M37_B1_A07_MR
	29221	GM_M37_B1_A08	GM_M37_B1_A08_MF	
20	29222	GM_M37_B1_A08		GM_M37_B1_A08_MR
	29223	GM_M37_B1_A09	GM_M37_B1_A09_MF	
	29224	GM_M37_B1_A09		GM_M37_B1_A09_MR
	29225	GM_M37_B1_A10	GM_M37_B1_A10_MF	
	29226	GM_M37_B1_A10		GM_M37_B1_A10_MR
25	29227	GM_M37_B1_A11	GM_M37_B1_A11_MF	
	29228	GM_M37_B1_A11		GM_M37_B1_A11_MR
	29229	GM_M37_B1_A12	GM_M37_B1_A12_MF	
	29230	GM_M37_B1_A12		GM_M37_B1_A12_MR
	29231	GM_M37_B1_B01	GM_M37_B1_B01_MF	
30	29232	GM_M37_B1_B01		GM_M37_B1_B01_MR
	29233	GM_M37_B1_B02	GM_M37_B1_B02_MF	
	29234	GM_M37_B1_B02		GM_M37_B1_B02_MR
	29235	GM_M37_B1_B03	GM_M37_B1_B03_MF	
	29236	GM_M37_B1_B03		GM_M37_B1_B03_MR
35	29237	GM_M37_B1_B04	GM_M37_B1_B04_MF	
	29238	GM_M37_B1_B04		GM_M37_B1_B04_MR
	29239	GM_M37_B1_B05	GM_M37_B1_B05_MF	
	29240	GM_M37_B1_B05		GM_M37_B1_B05_MR
	29241	GM_M37_B1_B06	GM_M37_B1_B06_MF	
40	29242	GM_M37_B1_B06		GM_M37_B1_B06_MR
	29243	GM_M37_B1_B07	GM_M37_B1_B07_MF	
	29244	GM_M37_B1_B07		GM_M37_B1_B07_MR
	29245	GM_M37_B1_B08	GM_M37_B1_B08_MF	
	29246	GM_M37_B1_B08		GM_M37_B1_B08_MR
45	29247	GM_M37_B1_B09	GM_M37_B1_B09_MF	
	29248	GM_M37_B1_B09		GM_M37_B1_B09_MR
	29249	GM_M37_B1_B10	GM_M37_B1_B10_MF	
	29250	GM_M37_B1_B10		GM_M37_B1_B10_MR
	29251	GM_M37_B1_B11	GM_M37_B1_B11_MF	
50	29252	GM_M37_B1_B11		GM_M37_B1_B11_MR
	29253	GM_M37_B1_B12	GM_M37_B1_B12_MF	
	29254	GM_M37_B1_B12		GM_M37_B1_B12_MR
	29255	GM_M37_B1_C01	GM_M37_B1_C01_MF	
	29256	GM_M37_B1_C01		GM_M37_B1_C01_MR
55	29257	GM_M37_B1_C02	GM_M37_B1_C02_MF	

	29258	GM_M37_B1_C02		GM_M37_B1_C02_MR
	29259	GM_M37_B1_C03	GM_M37_B1_C03_MF	
	29260	GM_M37_B1_C04	GM_M37_B1_C04_MF	
	29261	GM_M37_B1_C04		GM_M37_B1_C04_MR
5	29262	GM_M37_B1_C05	GM_M37_B1_C05_MF	
	29263	GM_M37_B1_C05		GM_M37_B1_C05_MR
	29264	GM_M37_B1_C06	GM_M37_B1_C06_MF	
	29265	GM_M37_B1_C06		GM_M37_B1_C06_MR
	29266	GM_M37_B1_C07	GM_M37_B1_C07_MF	
10	29267	GM_M37_B1_C07		GM_M37_B1_C07_MR
	29268	GM_M37_B1_C08	GM_M37_B1_C08_MF	
	29269	GM_M37_B1_C08		GM_M37_B1_C08_MR
	29270	GM_M37_B1_C09	GM_M37_B1_C09_MF	
	29271	GM_M37_B1_C09		GM_M37_B1_C09_MR
15	29272	GM_M37_B1_C10	GM_M37_B1_C10_MF	
	29273	GM_M37_B1_C11		GM_M37_B1_C11_MR
	29274	GM_M37_B1_C12	GM_M37_B1_C12_MF	
	29275	GM_M37_B1_C12		GM_M37_B1_C12_MR
	29276	GM_M37_B1_D01	GM_M37_B1_D01_MF	
20	29277	GM_M37_B1_D02	GM_M37_B1_D02_MF	
	29278	GM_M37_B1_D02		GM_M37_B1_D02_MR
	29279	GM_M37_B1_D03	GM_M37_B1_D03_MF	
	29280	GM_M37_B1_D03		GM_M37_B1_D03_MR
	29281	GM_M37_B1_D04	GM_M37_B1_D04_MF	
25	29282	GM_M37_B1_D04		GM_M37_B1_D04_MR
	29283	GM_M37_B1_D05	GM_M37_B1_D05_MF	
	29284	GM_M37_B1_D05		GM_M37_B1_D05_MR
	29285	GM_M37_B1_D06	GM_M37_B1_D06_MF	
	29286	GM_M37_B1_D06		GM_M37_B1_D06_MR
30	29287	GM_M37_B1_D07	GM_M37_B1_D07_MF	
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	29289	GM_M37_B1_D09	GM_M37_B1_D09_MF	
	29290	GM_M37_B1_D09		GM_M37_B1_D09_MR
	29291	GM_M37_B1_D10	GM_M37_B1_D10_MF	
35	29292	GM_M37_B1_D10		GM_M37_B1_D10_MR
	29293	GM_M37_B1_D12	GM_M37_B1_D12_MF	
	29294	GM_M37_B1_D12		GM_M37_B1_D12_MR
	29295	GM_M37_B1_E01	GM_M37_B1_E01_MF	
	29296	GM_M37_B1_E02	GM_M37_B1_E02_MF	
40	29297	GM_M37_B1_E02		GM_M37_B1_E02_MR
	29298	GM_M37_B1_E03	GM_M37_B1_E03_MF	
	29299	GM_M37_B1_E03		GM_M37_B1_E03_MR
	29300	GM_M37_B1_E04	GM_M37_B1_E04_MF	
	29301	GM_M37_B1_E04		GM_M37_B1_E04_MR
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	29303	GM_M37_B1_E05		GM_M37_B1_E05_MR
	29304	GM_M37_B1_E06	GM_M37_B1_E06_MF	
	29305	GM_M37_B1_E07	GM_M37_B1_E07_MF	
	29306	GM_M37_B1_E07		GM_M37_B1_E07_MR
50	29307	GM_M37_B1_E08	GM_M37_B1_E08_MF	
	29308	GM_M37_B1_E08		GM_M37_B1_E08_MR
	29309	GM_M37_B1_E09	GM_M37_B1_E09_MF	
	29310	GM_M37_B1_E09		GM_M37_B1_E09_MR
	29311	GM_M37_B1_E10	GM_M37_B1_E10_MF	
55	29312	GM_M37_B1_E10		GM_M37_B1_E10_MR

	29313	GM_M37_B1_E11	GM_M37_B1_E11_MF	
	29314	GM_M37_B1_E11		GM_M37_B1_E11_MR
	29315	GM_M37_B1_E12		GM_M37_B1_E12_MR
	29316	GM_M37_B1_F01	GM_M37_B1_F01_MF	
5	29317	GM_M37_B1_F01		GM_M37_B1_F01_MR
	29318	GM_M37_B1_F02	GM_M37_B1_F02_MF	
	29319	GM_M37_B1_F02		GM_M37_B1_F02_MR
	29320	GM_M37_B1_F03	GM_M37_B1_F03_MF	
	29321	GM_M37_B1_F04	GM_M37_B1_F04_MF	
10	29322	GM_M37_B1_F04		GM_M37_B1_F04_MR
	29323	GM_M37_B1_F05	GM_M37_B1_F05_MF	
	29324	GM_M37_B1_F05		GM_M37_B1_F05_MR
	29325	GM_M37_B1_F06	GM_M37_B1_F06_MF	
	29326	GM_M37_B1_F06		GM_M37_B1_F06_MR
15	29327	GM_M37_B1_F07	GM_M37_B1_F07_MF	
	29328	GM_M37_B1_F07		GM_M37_B1_F07_MR
	29329	GM_M37_B1_F08	GM_M37_B1_F08_MF	
	29330	GM_M37_B1_F08		GM_M37_B1_F08_MR
	29331	GM_M37_B1_F09	GM_M37_B1_F09_MF	
20	29332	GM_M37_B1_F09		GM_M37_B1_F09_MR
	29333	GM_M37_B1_F10	GM_M37_B1_F10_MF	
	29334	GM_M37_B1_F10		GM_M37_B1_F10_MR
	29335	GM_M37_B1_F11	GM_M37_B1_F11_MF	
	29336	GM_M37_B1_F11		GM_M37_B1_F11_MR
25	29337	GM_M37_B1_F12	GM_M37_B1_F12_MF	
	29338	GM_M37_B1_F12		GM_M37_B1_F12_MR
	29339	GM_M37_B1_G01	GM_M37_B1_G01_MF	
	29340	GM_M37_B1_G01		GM_M37_B1_G01_MR
	29341	GM_M37_B1_G02	GM_M37_B1_G02_MF	
30	29342	GM_M37_B1_G02		GM_M37_B1_G02_MR
	29343	GM_M37_B1_G03	GM_M37_B1_G03_MF	
	29344	GM_M37_B1_G03		GM_M37_B1_G03_MR
	29345	GM_M37_B1_G04	GM_M37_B1_G04_MF	
	29346	GM_M37_B1_G04		GM_M37_B1_G04_MR
35	29347	GM_M37_B1_G05	GM_M37_B1_G05_MF	
	29348	GM_M37_B1_G05		GM_M37_B1_G05_MR
	29349	GM_M37_B1_G06	GM_M37_B1_G06_MF	
	29350	GM_M37_B1_G06		GM_M37_B1_G06_MR
	29351	GM_M37_B1_G07	GM_M37_B1_G07_MF	
40	29352	GM_M37_B1_G07		GM_M37_B1_G07_MR
	29353	GM_M37_B1_G08	GM_M37_B1_G08_MF	
	29354	GM_M37_B1_G08		GM_M37_B1_G08_MR
	29355	GM_M37_B1_G09	GM_M37_B1_G09_MF	
	29356	GM_M37_B1_G09		GM_M37_B1_G09_MR
45	29357	GM_M37_B1_G10	GM_M37_B1_G10_MF	
	29358	GM_M37_B1_G10		GM_M37_B1_G10_MR
	29359	GM_M37_B1_G11	GM_M37_B1_G11_MF	
	29360	GM_M37_B1_G11		GM_M37_B1_G11_MR
	29361	GM_M37_B1_G12	GM_M37_B1_G12_MF	
50	29362	GM_M37_B1_G12		GM_M37_B1_G12_MR
	29363	GM_M37_B1_H01	GM_M37_B1_H01_MF	
	29364	GM_M37_B1_H01		GM_M37_B1_H01_MR
	29365	GM_M37_B1_H02	GM_M37_B1_H02_MF	
	29366	GM_M37_B1_H02		GM_M37_B1_H02_MR
55	29367	GM_M37_B1_H03	GM_M37_B1_H03_MF	

	29368	GM_M37_B1_H03		GM_M37_B1_H03_MR
	29369	GM_M37_B1_H04	GM_M37_B1_H04_MF	
	29370	GM_M37_B1_H04		GM_M37_B1_H04_MR
	29371	GM_M37_B1_H05	GM_M37_B1_H05_MF	
5	29372	GM_M37_B1_H05		GM_M37_B1_H05_MR
	29373	GM_M37_B1_H06	GM_M37_B1_H06_MF	
	29374	GM_M37_B1_H06		GM_M37_B1_H06_MR
	29375	GM_M37_B1_H07	GM_M37_B1_H07_MF	
	29376	GM_M37_B1_H07		GM_M37_B1_H07_MR
10	29377	GM_M37_B1_H08	GM_M37_B1_H08_MF	
	29378	GM_M37_B1_H08		GM_M37_B1_H08_MR
	29379	GM_M37_B1_H09	GM_M37_B1_H09_MF	
	29380	GM_M37_B1_H09		GM_M37_B1_H09_MR
	29381	GM_M37_B1_H10	GM_M37_B1_H10_MF	
15	29382	GM_M37_B1_H10		GM_M37_B1_H10_MR
	29383	GM_M37_B1_H11	GM_M37_B1_H11_MF	
	29384	GM_M37_B1_H11		GM_M37_B1_H11_MR
	29385	GM_M37_B1_H12	GM_M37_B1_H12_MF	
	29386	GM_M37_B1_H12		GM_M37_B1_H12_MR
20	29387	GM_M37_B2_A01	GM_M37_B2_A01_MF	
	29388	GM_M37_B2_A02	GM_M37_B2_A02_MF	
	29389	GM_M37_B2_A02		GM_M37_B2_A02_MR
	29390	GM_M37_B2_A04	GM_M37_B2_A04_MF	
	29391	GM_M37_B2_A04		GM_M37_B2_A04_MR
25	29392	GM_M37_B2_A05	GM_M37_B2_A05_MF	
	29393	GM_M37_B2_A05		GM_M37_B2_A05_MR
	29394	GM_M37_B2_A06	GM_M37_B2_A06_MF	
	29395	GM_M37_B2_A06		GM_M37_B2_A06_MR
	29396	GM_M37_B2_A07	GM_M37_B2_A07_MF	
30	29397	GM_M37_B2_A08	GM_M37_B2_A08_MF	
	29398	GM_M37_B2_A08		GM_M37_B2_A08_MR
	29399	GM_M37_B2_A09		GM_M37_B2_A09_MR
	29400	GM_M37_B2_A10	GM_M37_B2_A10_MF	
	29401	GM_M37_B2_A10		GM_M37_B2_A10_MR
35	29402	GM_M37_B2_A11	GM_M37_B2_A11_MF	
	29403	GM_M37_B2_A11		GM_M37_B2_A11_MR
	29404	GM_M37_B2_A12	GM_M37_B2_A12_MF	
	29405	GM_M37_B2_B01	GM_M37_B2_B01_MF	
	29406	GM_M37_B2_B01		GM_M37_B2_B01_MR
40	29407	GM_M37_B2_B02	GM_M37_B2_B02_MF	
	29408	GM_M37_B2_B02		GM_M37_B2_B02_MR
	29409	GM_M37_B2_B03	GM_M37_B2_B03_MF	
	29410	GM_M37_B2_B03		GM_M37_B2_B03_MR
	29411	GM_M37_B2_B04	GM_M37_B2_B04_MF	
45	29412	GM_M37_B2_B04		GM_M37_B2_B04_MR
	29413	GM_M37_B2_B05	GM_M37_B2_B05_MF	
	29414	GM_M37_B2_B06	GM_M37_B2_B06_MF	
	29415	GM_M37_B2_B06		GM_M37_B2_B06_MR
	29416	GM_M37_B2_B07	GM_M37_B2_B07_MF	
50	29417	GM_M37_B2_B07		GM_M37_B2_B07_MR
	29418	GM_M37_B2_B08	GM_M37_B2_B08_MF	
	29419	GM_M37_B2_B08		GM_M37_B2_B08_MR
	29420	GM_M37_B2_B09		GM_M37_B2_B09_MR
	29421	GM_M37_B2_B10	GM_M37_B2_B10_MF	
55	29422	GM_M37_B2_B10		GM_M37_B2_B10_MR

	29423	GM_M37_B2_B11	GM_M37_B2_B11_MF	
	29424	GM_M37_B2_B12	GM_M37_B2_B12_MF	
	29425	GM_M37_B2_B12		GM_M37_B2_B12_MR
	29426	GM_M37_B2_C01	GM_M37_B2_C01_MF	
5	29427	GM_M37_B2_C01		GM_M37_B2_C01_MR
	29428	GM_M37_B2_C02	GM_M37_B2_C02_MF	
	29429	GM_M37_B2_C02		GM_M37_B2_C02_MR
	29430	GM_M37_B2_C03	GM_M37_B2_C03_MF	
	29431	GM_M37_B2_C03		GM_M37_B2_C03_MR
10	29432	GM_M37_B2_C04	GM_M37_B2_C04_MF	
	29433	GM_M37_B2_C04		GM_M37_B2_C04_MR
	29434	GM_M37_B2_C05	GM_M37_B2_C05_MF	
	29435	GM_M37_B2_C05		GM_M37_B2_C05_MR
	29436	GM_M37_B2_C06	GM_M37_B2_C06_MF	
15	29437	GM_M37_B2_C06		GM_M37_B2_C06_MR
	29438	GM_M37_B2_C07	GM_M37_B2_C07_MF	
	29439	GM_M37_B2_C07		GM_M37_B2_C07_MR
	29440	GM_M37_B2_C08	GM_M37_B2_C08_MF	
	29441	GM_M37_B2_C08		GM_M37_B2_C08_MR
20	29442	GM_M37_B2_C09	GM_M37_B2_C09_MF	
	29443	GM_M37_B2_C09		GM_M37_B2_C09_MR
	29444	GM_M37_B2_C10	GM_M37_B2_C10_MF	
	29445	GM_M37_B2_C10		GM_M37_B2_C10_MR
	29446	GM_M37_B2_C11	GM_M37_B2_C11_MF	
25	29447	GM_M37_B2_C11		GM_M37_B2_C11_MR
	29448	GM_M37_B2_C12	GM_M37_B2_C12_MF	
	29449	GM_M37_B2_C12		GM_M37_B2_C12_MR
	29450	GM_M37_B2_D01	GM_M37_B2_D01_MF	
	29451	GM_M37_B2_D03	GM_M37_B2_D03_MF	
30	29452	GM_M37_B2_D03		GM_M37_B2_D03_MR
	29453	GM_M37_B2_D04	GM_M37_B2_D04_MF	
	29454	GM_M37_B2_D04		GM_M37_B2_D04_MR
	29455	GM_M37_B2_D05	GM_M37_B2_D05_MF	
	29456	GM_M37_B2_D05		GM_M37_B2_D05_MR
35	29457	GM_M37_B2_D06	GM_M37_B2_D06_MF	
	29458	GM_M37_B2_D06		GM_M37_B2_D06_MR
	29459	GM_M37_B2_D07	GM_M37_B2_D07_MF	
	29460	GM_M37_B2_D07		GM_M37_B2_D07_MR
	29461	GM_M37_B2_D08	GM_M37_B2_D08_MF	
40	29462	GM_M37_B2_D08		GM_M37_B2_D08_MR
	29463	GM_M37_B2_D09	GM_M37_B2_D09_MF	
	29464	GM_M37_B2_D09		GM_M37_B2_D09_MR
	29465	GM_M37_B2_D11	GM_M37_B2_D11_MF	
	29466	GM_M37_B2_D11		GM_M37_B2_D11_MR
45	29467	GM_M37_B2_D12	GM_M37_B2_D12_MF	
	29468	GM_M37_B2_D12		GM_M37_B2_D12_MR
	29469	GM_M37_B2_E01	GM_M37_B2_E01_MF	
	29470	GM_M37_B2_E01		GM_M37_B2_E01_MR
	29471	GM_M37_B2_E02	GM_M37_B2_E02_MF	
50	29472	GM_M37_B2_E02		GM_M37_B2_E02_MR
	29473	GM_M37_B2_E03	GM_M37_B2_E03_MF	
	29474	GM_M37_B2_E03		GM_M37_B2_E03_MR
	29475	GM_M37_B2_E04	GM_M37_B2_E04_MF	
	29476	GM_M37_B2_E04		GM_M37_B2_E04_MR
55	29477	GM_M37_B2_E06	GM_M37_B2_E06_MF	

	29478	GM_M37_B2_E07	GM_M37_B2_E07_MF	
	29479	GM_M37_B2_E07		GM_M37_B2_E07_MR
	29480	GM_M37_B2_E08	GM_M37_B2_E08_MF	
	29481	GM_M37_B2_E08		GM_M37_B2_E08_MR
5	29482	GM_M37_B2_E10	GM_M37_B2_E10_MF	
	29483	GM_M37_B2_E10		GM_M37_B2_E10_MR
	29484	GM_M37_B2_E11	GM_M37_B2_E11_MF	
	29485	GM_M37_B2_E11		GM_M37_B2_E11_MR
	29486	GM_M37_B2_E12	GM_M37_B2_E12_MF	
10	29487	GM_M37_B2_E12		GM_M37_B2_E12_MR
	29488	GM_M37_B2_F01	GM_M37_B2_F01_MF	
	29489	GM_M37_B2_F01		GM_M37_B2_F01_MR
	29490	GM_M37_B2_F02	GM_M37_B2_F02_MF	
	29491	GM_M37_B2_F02		GM_M37_B2_F02_MR
15	29492	GM_M37_B2_F03	GM_M37_B2_F03_MF	
	29493	GM_M37_B2_F03		GM_M37_B2_F03_MR
	29494	GM_M37_B2_F04	GM_M37_B2_F04_MF	
	29495	GM_M37_B2_F04		GM_M37_B2_F04_MR
	29496	GM_M37_B2_F05	GM_M37_B2_F05_MF	
20	29497	GM_M37_B2_F05		GM_M37_B2_F05_MR
	29498	GM_M37_B2_F06	GM_M37_B2_F06_MF	
	29499	GM_M37_B2_F07	GM_M37_B2_F07_MF	
	29500	GM_M37_B2_F07		GM_M37_B2_F07_MR
	29501	GM_M37_B2_F08	GM_M37_B2_F08_MF	
25	29502	GM_M37_B2_F08		GM_M37_B2_F08_MR
	29503	GM_M37_B2_F09	GM_M37_B2_F09_MF	
	29504	GM_M37_B2_F09		GM_M37_B2_F09_MR
	29505	GM_M37_B2_F10	GM_M37_B2_F10_MF	
	29506	GM_M37_B2_F10		GM_M37_B2_F10_MR
30	29507	GM_M37_B2_F11	GM_M37_B2_F11_MF	
	29508	GM_M37_B2_F11		GM_M37_B2_F11_MR
	29509	GM_M37_B2_F12	GM_M37_B2_F12_MF	
	29510	GM_M37_B2_F12		GM_M37_B2_F12_MR
	29511	GM_M37_B2_G01	GM_M37_B2_G01_MF	
35	29512	GM_M37_B2_G01		GM_M37_B2_G01_MR
	29513	GM_M37_B2_G02	GM_M37_B2_G02_MF	
	29514	GM_M37_B2_G02		GM_M37_B2_G02_MR
	29515	GM_M37_B2_G03	GM_M37_B2_G03_MF	
	29516	GM_M37_B2_G03		GM_M37_B2_G03_MR
40	29517	GM_M37_B2_G04	GM_M37_B2_G04_MF	
	29518	GM_M37_B2_G04		GM_M37_B2_G04_MR
	29519	GM_M37_B2_G05	GM_M37_B2_G05_MF	
	29520	GM_M37_B2_G05		GM_M37_B2_G05_MR
	29521	GM_M37_B2_G06	GM_M37_B2_G06_MF	
45	29522	GM_M37_B2_G06		GM_M37_B2_G06_MR
	29523	GM_M37_B2_G07	GM_M37_B2_G07_MF	
	29524	GM_M37_B2_G07		GM_M37_B2_G07_MR
	29525	GM_M37_B2_G08	GM_M37_B2_G08_MF	
	29526	GM_M37_B2_G08		GM_M37_B2_G08_MR
50	29527	GM_M37_B2_G09	GM_M37_B2_G09_MF	
	29528	GM_M37_B2_G10	GM_M37_B2_G10_MF	
	29529	GM_M37_B2_G10		GM_M37_B2_G10_MR
	29530	GM_M37_B2_G11	GM_M37_B2_G11_MF	
	29531	GM_M37_B2_G11		GM_M37_B2_G11_MR
55	29532	GM_M37_B2_G12	GM_M37_B2_G12_MF	

	29533	GM_M37_B2_G12		GM_M37_B2_G12_MR
	29534	GM_M37_B2_H01	GM_M37_B2_H01_MF	
	29535	GM_M37_B2_H01		GM_M37_B2_H01_MR
	29536	GM_M37_B2_H02	GM_M37_B2_H02_MF	
5	29537	GM_M37_B2_H02		GM_M37_B2_H02_MR
	29538	GM_M37_B2_H03		GM_M37_B2_H03_MR
	29539	GM_M37_B2_H05	GM_M37_B2_H05_MF	
	29540	GM_M37_B2_H05		GM_M37_B2_H05_MR
	29541	GM_M37_B2_H06	GM_M37_B2_H06_MF	
10	29542	GM_M37_B2_H06		GM_M37_B2_H06_MR
	29543	GM_M37_B2_H07	GM_M37_B2_H07_MF	
	29544	GM_M37_B2_H07		GM_M37_B2_H07_MR
	29545	GM_M37_B2_H08	GM_M37_B2_H08_MF	
	29546	GM_M37_B2_H08		GM_M37_B2_H08_MR
15	29547	GM_M37_B2_H09	GM_M37_B2_H09_MF	
	29548	GM_M37_B2_H09		GM_M37_B2_H09_MR
	29549	GM_M37_B2_H10	GM_M37_B2_H10_MF	
	29550	GM_M37_B2_H10		GM_M37_B2_H10_MR
	29551	GM_M37_B2_H11	GM_M37_B2_H11_MF	
20	29552	GM_M37_B2_H11		GM_M37_B2_H11_MR
	29553	GM_M37_B2_H12	GM_M37_B2_H12_MF	
	29554	GM_M37_B2_H12		GM_M37_B2_H12_MR
	29555	GM_M38_A2_A01	GM_M38_A2_A01_MF	
	29556	GM_M38_A2_A01		GM_M38_A2_A01_MR
25	29557	GM_M38_A2_A02	GM_M38_A2_A02_MF	
	29558	GM_M38_A2_A02		GM_M38_A2_A02_MR
	29559	GM_M38_A2_A03	GM_M38_A2_A03_MF	
	29560	GM_M38_A2_A03		GM_M38_A2_A03_MR
	29561	GM_M38_A2_A04	GM_M38_A2_A04_MF	
30	29562	GM_M38_A2_A04		GM_M38_A2_A04_MR
	29563	GM_M38_A2_A05	GM_M38_A2_A05_MF	
	29564	GM_M38_A2_A05		GM_M38_A2_A05_MR
	29565	GM_M38_A2_A07	GM_M38_A2_A07_MF	
	29566	GM_M38_A2_A07		GM_M38_A2_A07_MR
35	29567	GM_M38_A2_A08	GM_M38_A2_A08_MF	
	29568	GM_M38_A2_A08		GM_M38_A2_A08_MR
	29569	GM_M38_A2_A09	GM_M38_A2_A09_MF	
	29570	GM_M38_A2_A09		GM_M38_A2_A09_MR
	29571	GM_M38_A2_A10	GM_M38_A2_A10_MF	
40	29572	GM_M38_A2_A10		GM_M38_A2_A10_MR
	29573	GM_M38_A2_A11	GM_M38_A2_A11_MF	
	29574	GM_M38_A2_A11		GM_M38_A2_A11_MR
	29575	GM_M38_A2_A12	GM_M38_A2_A12_MF	
	29576	GM_M38_A2_A12		GM_M38_A2_A12_MR
45	29577	GM_M38_A2_B01		GM_M38_A2_B01_MR
	29578	GM_M38_A2_B02		GM_M38_A2_B02_MR
	29579	GM_M38_A2_B03	GM_M38_A2_B03_MF	
	29580	GM_M38_A2_B03		GM_M38_A2_B03_MR
	29581	GM_M38_A2_B05	GM_M38_A2_B05_MF	
50	29582	GM_M38_A2_B05		GM_M38_A2_B05_MR
	29583	GM_M38_A2_B06	GM_M38_A2_B06_MF	
	29584	GM_M38_A2_B06		GM_M38_A2_B06_MR
	29585	GM_M38_A2_B09		GM_M38_A2_B09_MR
	29586	GM_M38_A2_B10	GM_M38_A2_B10_MF	
55	29587	GM_M38_A2_B10		GM_M38_A2_B10_MR

	29588	GM_M38_A2_B11		GM_M38_A2_B11_MR
	29589	GM_M38_A2_B12	GM_M38_A2_B12_MF	
	29590	GM_M38_A2_B12		GM_M38_A2_B12_MR
	29591	GM_M38_A2_C01	GM_M38_A2_C01_MF	
5	29592	GM_M38_A2_C01		GM_M38_A2_C01_MR
	29593	GM_M38_A2_C02	GM_M38_A2_C02_MF	
	29594	GM_M38_A2_C02		GM_M38_A2_C02_MR
	29595	GM_M38_A2_C04	GM_M38_A2_C04_MF	
	29596	GM_M38_A2_C04		GM_M38_A2_C04_MR
10	29597	GM_M38_A2_C05	GM_M38_A2_C05_MF	
	29598	GM_M38_A2_C05		GM_M38_A2_C05_MR
	29599	GM_M38_A2_C06	GM_M38_A2_C06_MF	
	29600	GM_M38_A2_C07	GM_M38_A2_C07_MF	
	29601	GM_M38_A2_C07		GM_M38_A2_C07_MR
15	29602	GM_M38_A2_C08	GM_M38_A2_C08_MF	
	29603	GM_M38_A2_C08		GM_M38_A2_C08_MR
	29604	GM_M38_A2_C09	GM_M38_A2_C09_MF	
	29605	GM_M38_A2_C09		GM_M38_A2_C09_MR
	29606	GM_M38_A2_C10	GM_M38_A2_C10_MF	
20	29607	GM_M38_A2_C10		GM_M38_A2_C10_MR
	29608	GM_M38_A2_C11	GM_M38_A2_C11_MF	
	29609	GM_M38_A2_C11		GM_M38_A2_C11_MR
	29610	GM_M38_A2_C12	GM_M38_A2_C12_MF	
	29611	GM_M38_A2_C12		GM_M38_A2_C12_MR
25	29612	GM_M38_A2_D01	GM_M38_A2_D01_MF	
	29613	GM_M38_A2_D01		GM_M38_A2_D01_MR
	29614	GM_M38_A2_D02	GM_M38_A2_D02_MF	
	29615	GM_M38_A2_D02		GM_M38_A2_D02_MR
	29616	GM_M38_A2_D03	GM_M38_A2_D03_MF	
30	29617	GM_M38_A2_D03		GM_M38_A2_D03_MR
	29618	GM_M38_A2_D04	GM_M38_A2_D04_MF	
	29619	GM_M38_A2_D04		GM_M38_A2_D04_MR
	29620	GM_M38_A2_D05	GM_M38_A2_D05_MF	
	29621	GM_M38_A2_D05		GM_M38_A2_D05_MR
35	29622	GM_M38_A2_D06	GM_M38_A2_D06_MF	
	29623	GM_M38_A2_D06		GM_M38_A2_D06_MR
	29624	GM_M38_A2_D07	GM_M38_A2_D07_MF	
	29625	GM_M38_A2_D07		GM_M38_A2_D07_MR
	29626	GM_M38_A2_D08	GM_M38_A2_D08_MF	
40	29627	GM_M38_A2_D08		GM_M38_A2_D08_MR
	29628	GM_M38_A2_D09	GM_M38_A2_D09_MF	
	29629	GM_M38_A2_D09		GM_M38_A2_D09_MR
	29630	GM_M38_A2_D10		GM_M38_A2_D10_MR
	29631	GM_M38_A2_D11	GM_M38_A2_D11_MF	
45	29632	GM_M38_A2_D11		GM_M38_A2_D11_MR
	29633	GM_M38_A2_D12	GM_M38_A2_D12_MF	
	29634	GM_M38_A2_D12		GM_M38_A2_D12_MR
	29635	GM_M38_A2_E02	GM_M38_A2_E02_MF	
	29636	GM_M38_A2_E02		GM_M38_A2_E02_MR
50	29637	GM_M38_A2_E03	GM_M38_A2_E03_MF	
	29638	GM_M38_A2_E04	GM_M38_A2_E04_MF	
	29639	GM_M38_A2_E04		GM_M38_A2_E04_MR
	29640	GM_M38_A2_E05		GM_M38_A2_E05_MR
	29641	GM_M38_A2_E06	GM_M38_A2_E06_MF	
55	29642	GM_M38_A2_E06		GM_M38_A2_E06_MR

	29643	GM_M38_A2_E07	GM_M38_A2_E07_MF	
	29644	GM_M38_A2_E10	GM_M38_A2_E10_MF	
	29645	GM_M38_A2_E10		GM_M38_A2_E10_MR
	29646	GM_M38_A2_E11	GM_M38_A2_E11_MF	
5	29647	GM_M38_A2_E11		GM_M38_A2_E11_MR
	29648	GM_M38_A2_F01	GM_M38_A2_F01_MF	
	29649	GM_M38_A2_F01		GM_M38_A2_F01_MR
	29650	GM_M38_A2_F02		GM_M38_A2_F02_MR
	29651	GM_M38_A2_F03	GM_M38_A2_F03_MF	
10	29652	GM_M38_A2_F03		GM_M38_A2_F03_MR
	29653	GM_M38_A2_F04	GM_M38_A2_F04_MF	
	29654	GM_M38_A2_F04		GM_M38_A2_F04_MR
	29655	GM_M38_A2_F05	GM_M38_A2_F05_MF	
	29656	GM_M38_A2_F05		GM_M38_A2_F05_MR
15	29657	GM_M38_A2_F06	GM_M38_A2_F06_MF	
	29658	GM_M38_A2_F07	GM_M38_A2_F07_MF	
	29659	GM_M38_A2_F07		GM_M38_A2_F07_MR
	29660	GM_M38_A2_F08	GM_M38_A2_F08_MF	
	29661	GM_M38_A2_F08		GM_M38_A2_F08_MR
20	29662	GM_M38_A2_F09		GM_M38_A2_F09_MR
	29663	GM_M38_A2_F10	GM_M38_A2_F10_MF	
	29664	GM_M38_A2_F10		GM_M38_A2_F10_MR
	29665	GM_M38_A2_F11	GM_M38_A2_F11_MF	
	29666	GM_M38_A2_F11		GM_M38_A2_F11_MR
25	29667	GM_M38_A2_F12		GM_M38_A2_F12_MR
	29668	GM_M38_A2_G01	GM_M38_A2_G01_MF	
	29669	GM_M38_A2_G01		GM_M38_A2_G01_MR
	29670	GM_M38_A2_G02	GM_M38_A2_G02_MF	
	29671	GM_M38_A2_G02		GM_M38_A2_G02_MR
30	29672	GM_M38_A2_G04	GM_M38_A2_G04_MF	
	29673	GM_M38_A2_G04		GM_M38_A2_G04_MR
	29674	GM_M38_A2_G05	GM_M38_A2_G05_MF	
	29675	GM_M38_A2_G05		GM_M38_A2_G05_MR
35	29676	GM_M38_A2_G06	GM_M38_A2_G06_MF	
	29677	GM_M38_A2_G06		GM_M38_A2_G06_MR
	29678	GM_M38_A2_G07	GM_M38_A2_G07_MF	
	29679	GM_M38_A2_G07		GM_M38_A2_G07_MR
	29680	GM_M38_A2_G08	GM_M38_A2_G08_MF	
	29681	GM_M38_A2_G08		GM_M38_A2_G08_MR
40	29682	GM_M38_A2_G09	GM_M38_A2_G09_MF	
	29683	GM_M38_A2_G09		GM_M38_A2_G09_MR
	29684	GM_M38_A2_G10	GM_M38_A2_G10_MF	
	29685	GM_M38_A2_G10		GM_M38_A2_G10_MR
	29686	GM_M38_A2_G11	GM_M38_A2_G11_MF	
45	29687	GM_M38_A2_G11		GM_M38_A2_G11_MR
	29688	GM_M38_A2_G12	GM_M38_A2_G12_MF	
	29689	GM_M38_A2_G12		GM_M38_A2_G12_MR
	29690	GM_M38_A2_H01	GM_M38_A2_H01_MF	
	29691	GM_M38_A2_H01		GM_M38_A2_H01_MR
50	29692	GM_M38_A2_H02	GM_M38_A2_H02_MF	
	29693	GM_M38_A2_H03	GM_M38_A2_H03_MF	
	29694	GM_M38_A2_H03		GM_M38_A2_H03_MR
	29695	GM_M38_A2_H04	GM_M38_A2_H04_MF	
	29696	GM_M38_A2_H04		GM_M38_A2_H04_MR
55	29697	GM_M38_A2_H05	GM_M38_A2_H05_MF	

	29698	GM_M38_A2_H05		GM_M38_A2_H05_MR
	29699	GM_M38_A2_H06	GM_M38_A2_H06_MF	
	29700	GM_M38_A2_H06		GM_M38_A2_H06_MR
	29701	GM_M38_A2_H08	GM_M38_A2_H08_MF	
5	29702	GM_M38_A2_H08		GM_M38_A2_H08_MR
	29703	GM_M38_A2_H09	GM_M38_A2_H09_MF	
	29704	GM_M38_A2_H09		GM_M38_A2_H09_MR
	29705	GM_M38_A2_H10	GM_M38_A2_H10_MF	
	29706	GM_M38_A2_H10		GM_M38_A2_H10_MR
10	29707	GM_M38_A2_H11	GM_M38_A2_H11_MF	
	29708	GM_M38_A2_H11		GM_M38_A2_H11_MR
	29709	GM_M38_A2_H12		GM_M38_A2_H12_MR
	29710	GM_M38_B1_A01	GM_M38_B1_A01_MF	
	29711	GM_M38_B1_A01		GM_M38_B1_A01_MR
15	29712	GM_M38_B1_A02	GM_M38_B1_A02_MF	
	29713	GM_M38_B1_A02		GM_M38_B1_A02_MR
	29714	GM_M38_B1_A03	GM_M38_B1_A03_MF	
	29715	GM_M38_B1_A04	GM_M38_B1_A04_MF	
	29716	GM_M38_B1_A04		GM_M38_B1_A04_MR
20	29717	GM_M38_B1_A05	GM_M38_B1_A05_MF	
	29718	GM_M38_B1_A05		GM_M38_B1_A05_MR
	29719	GM_M38_B1_A06	GM_M38_B1_A06_MF	
	29720	GM_M38_B1_A07	GM_M38_B1_A07_MF	
	29721	GM_M38_B1_A07		GM_M38_B1_A07_MR
25	29722	GM_M38_B1_A08	GM_M38_B1_A08_MF	
	29723	GM_M38_B1_A08		GM_M38_B1_A08_MR
	29724	GM_M38_B1_A09	GM_M38_B1_A09_MF	
	29725	GM_M38_B1_A09		GM_M38_B1_A09_MR
	29726	GM_M38_B1_A10	GM_M38_B1_A10_MF	
30	29727	GM_M38_B1_A10		GM_M38_B1_A10_MR
	29728	GM_M38_B1_A11	GM_M38_B1_A11_MF	
	29729	GM_M38_B1_A11		GM_M38_B1_A11_MR
	29730	GM_M38_B1_A12	GM_M38_B1_A12_MF	
	29731	GM_M38_B1_A12		GM_M38_B1_A12_MR
35	29732	GM_M38_B1_B01	GM_M38_B1_B01_MF	
	29733	GM_M38_B1_B01		GM_M38_B1_B01_MR
	29734	GM_M38_B1_B02	GM_M38_B1_B02_MF	
	29735	GM_M38_B1_B02		GM_M38_B1_B02_MR
	29736	GM_M38_B1_B03	GM_M38_B1_B03_MF	
40	29737	GM_M38_B1_B03		GM_M38_B1_B03_MR
	29738	GM_M38_B1_B04	GM_M38_B1_B04_MF	
	29739	GM_M38_B1_B04		GM_M38_B1_B04_MR
	29740	GM_M38_B1_B05	GM_M38_B1_B05_MF	
	29741	GM_M38_B1_B05		GM_M38_B1_B05_MR
45	29742	GM_M38_B1_B06	GM_M38_B1_B06_MF	
	29743	GM_M38_B1_B06		GM_M38_B1_B06_MR
	29744	GM_M38_B1_B07	GM_M38_B1_B07_MF	
	29745	GM_M38_B1_B07		GM_M38_B1_B07_MR
	29746	GM_M38_B1_B08	GM_M38_B1_B08_MF	
50	29747	GM_M38_B1_B09	GM_M38_B1_B09_MF	
	29748	GM_M38_B1_B09		GM_M38_B1_B09_MR
	29749	GM_M38_B1_B10	GM_M38_B1_B10_MF	
	29750	GM_M38_B1_B10		GM_M38_B1_B10_MR
	29751	GM_M38_B1_B11	GM_M38_B1_B11_MF	
55	29752	GM_M38_B1_B11		GM_M38_B1_B11_MR

	29753	GM_M38_B1_B12	GM_M38_B1_B12_MF	
	29754	GM_M38_B1_B12		GM_M38_B1_B12_MR
	29755	GM_M38_B1_C01	GM_M38_B1_C01_MF	
	29756	GM_M38_B1_C01		GM_M38_B1_C01_MR
5	29757	GM_M38_B1_C02	GM_M38_B1_C02_MF	
	29758	GM_M38_B1_C02		GM_M38_B1_C02_MR
	29759	GM_M38_B1_C03	GM_M38_B1_C03_MF	
	29760	GM_M38_B1_C03		GM_M38_B1_C03_MR
10	29761	GM_M38_B1_C04	GM_M38_B1_C04_MF	
	29762	GM_M38_B1_C04		GM_M38_B1_C04_MR
	29763	GM_M38_B1_C05	GM_M38_B1_C05_MF	
	29764	GM_M38_B1_C05		GM_M38_B1_C05_MR
	29765	GM_M38_B1_C06	GM_M38_B1_C06_MF	
	29766	GM_M38_B1_C06		GM_M38_B1_C06_MR
15	29767	GM_M38_B1_C08	GM_M38_B1_C08_MF	
	29768	GM_M38_B1_C08		GM_M38_B1_C08_MR
	29769	GM_M38_B1_C09	GM_M38_B1_C09_MF	
	29770	GM_M38_B1_C09		GM_M38_B1_C09_MR
	29771	GM_M38_B1_C10	GM_M38_B1_C10_MF	
20	29772	GM_M38_B1_C10		GM_M38_B1_C10_MR
	29773	GM_M38_B1_C11	GM_M38_B1_C11_MF	
	29774	GM_M38_B1_C11		GM_M38_B1_C11_MR
	29775	GM_M38_B1_C12	GM_M38_B1_C12_MF	
	29776	GM_M38_B1_D01	GM_M38_B1_D01_MF	
25	29777	GM_M38_B1_D01		GM_M38_B1_D01_MR
	29778	GM_M38_B1_D02	GM_M38_B1_D02_MF	
	29779	GM_M38_B1_D02		GM_M38_B1_D02_MR
	29780	GM_M38_B1_D03	GM_M38_B1_D03_MF	
	29781	GM_M38_B1_D03		GM_M38_B1_D03_MR
30	29782	GM_M38_B1_D04	GM_M38_B1_D04_MF	
	29783	GM_M38_B1_D04		GM_M38_B1_D04_MR
	29784	GM_M38_B1_D05	GM_M38_B1_D05_MF	
	29785	GM_M38_B1_D05		GM_M38_B1_D05_MR
	29786	GM_M38_B1_D06		GM_M38_B1_D06_MR
35	29787	GM_M38_B1_D07	GM_M38_B1_D07_MF	
	29788	GM_M38_B1_D07		GM_M38_B1_D07_MR
	29789	GM_M38_B1_D08	GM_M38_B1_D08_MF	
	29790	GM_M38_B1_D08		GM_M38_B1_D08_MR
	29791	GM_M38_B1_D09		GM_M38_B1_D09_MR
40	29792	GM_M38_B1_D10	GM_M38_B1_D10_MF	
	29793	GM_M38_B1_D10		GM_M38_B1_D10_MR
	29794	GM_M38_B1_D11	GM_M38_B1_D11_MF	
	29795	GM_M38_B1_D12	GM_M38_B1_D12_MF	
	29796	GM_M38_B1_D12		GM_M38_B1_D12_MR
45	29797	GM_M38_B1_E01	GM_M38_B1_E01_MF	
	29798	GM_M38_B1_E01		GM_M38_B1_E01_MR
	29799	GM_M38_B1_E02	GM_M38_B1_E02_MF	
	29800	GM_M38_B1_E02		GM_M38_B1_E02_MR
	29801	GM_M38_B1_E03	GM_M38_B1_E03_MF	
50	29802	GM_M38_B1_E04	GM_M38_B1_E04_MF	
	29803	GM_M38_B1_E04		GM_M38_B1_E04_MR
	29804	GM_M38_B1_E05	GM_M38_B1_E05_MF	
	29805	GM_M38_B1_E05		GM_M38_B1_E05_MR
	29806	GM_M38_B1_E06	GM_M38_B1_E06_MF	
55	29807	GM_M38_B1_E06		GM_M38_B1_E06_MR

	29808	GM_M38_B1_E07	GM_M38_B1_E07_MF	
	29809	GM_M38_B1_E07		GM_M38_B1_E07_MR
	29810	GM_M38_B1_E08	GM_M38_B1_E08_MF	
	29811	GM_M38_B1_E09	GM_M38_B1_E09_MF	
5	29812	GM_M38_B1_E09		GM_M38_B1_E09_MR
	29813	GM_M38_B1_E10	GM_M38_B1_E10_MF	
	29814	GM_M38_B1_E10		GM_M38_B1_E10_MR
	29815	GM_M38_B1_E11	GM_M38_B1_E11_MF	
	29816	GM_M38_B1_E11		GM_M38_B1_E11_MR
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	29818	GM_M38_B1_E12		GM_M38_B1_E12_MR
	29819	GM_M38_B1_F01	GM_M38_B1_F01_MF	
	29820	GM_M38_B1_F01		GM_M38_B1_F01_MR
	29821	GM_M38_B1_F02	GM_M38_B1_F02_MF	
15	29822	GM_M38_B1_F02		GM_M38_B1_F02_MR
	29823	GM_M38_B1_F03	GM_M38_B1_F03_MF	
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	29825	GM_M38_B1_F04	GM_M38_B1_F04_MF	
	29826	GM_M38_B1_F04		GM_M38_B1_F04_MR
20	29827	GM_M38_B1_F05	GM_M38_B1_F05_MF	
	29828	GM_M38_B1_F05		GM_M38_B1_F05_MR
	29829	GM_M38_B1_F06	GM_M38_B1_F06_MF	
	29830	GM_M38_B1_F06		GM_M38_B1_F06_MR
	29831	GM_M38_B1_F07	GM_M38_B1_F07_MF	
25	29832	GM_M38_B1_F07		GM_M38_B1_F07_MR
	29833	GM_M38_B1_F08	GM_M38_B1_F08_MF	
	29834	GM_M38_B1_F08		GM_M38_B1_F08_MR
	29835	GM_M38_B1_F09	GM_M38_B1_F09_MF	
	29836	GM_M38_B1_F09		GM_M38_B1_F09_MR
30	29837	GM_M38_B1_F10	GM_M38_B1_F10_MF	
	29838	GM_M38_B1_F10		GM_M38_B1_F10_MR
	29839	GM_M38_B1_F12	GM_M38_B1_F12_MF	
	29840	GM_M38_B1_F12		GM_M38_B1_F12_MR
	29841	GM_M38_B1_G01	GM_M38_B1_G01_MF	
35	29842	GM_M38_B1_G01		GM_M38_B1_G01_MR
	29843	GM_M38_B1_G02	GM_M38_B1_G02_MF	
	29844	GM_M38_B1_G02		GM_M38_B1_G02_MR
	29845	GM_M38_B1_G03	GM_M38_B1_G03_MF	
	29846	GM_M38_B1_G03		GM_M38_B1_G03_MR
40	29847	GM_M38_B1_G04	GM_M38_B1_G04_MF	
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	29849	GM_M38_B1_G05	GM_M38_B1_G05_MF	
	29850	GM_M38_B1_G05		GM_M38_B1_G05_MR
	29851	GM_M38_B1_G06	GM_M38_B1_G06_MF	
45	29852	GM_M38_B1_G06		GM_M38_B1_G06_MR
	29853	GM_M38_B1_G07	GM_M38_B1_G07_MF	
	29854	GM_M38_B1_G07		GM_M38_B1_G07_MR
	29855	GM_M38_B1_G08	GM_M38_B1_G08_MF	
	29856	GM_M38_B1_G08		GM_M38_B1_G08_MR
50	29857	GM_M38_B1_G10	GM_M38_B1_G10_MF	
	29858	GM_M38_B1_G10		GM_M38_B1_G10_MR
	29859	GM_M38_B1_G11	GM_M38_B1_G11_MF	
	29860	GM_M38_B1_G11		GM_M38_B1_G11_MR
	29861	GM_M38_B1_G12	GM_M38_B1_G12_MF	
55	29862	GM_M38_B1_G12		GM_M38_B1_G12_MR

	29863	GM_M38_B1_H01	GM_M38_B1_H01_MF	
	29864	GM_M38_B1_H01		GM_M38_B1_H01_MR
	29865	GM_M38_B1_H02	GM_M38_B1_H02_MF	
	29866	GM_M38_B1_H02		GM_M38_B1_H02_MR
5	29867	GM_M38_B1_H03	GM_M38_B1_H03_MF	
	29868	GM_M38_B1_H03		GM_M38_B1_H03_MR
	29869	GM_M38_B1_H04	GM_M38_B1_H04_MF	
	29870	GM_M38_B1_H04		GM_M38_B1_H04_MR
	29871	GM_M38_B1_H05	GM_M38_B1_H05_MF	
10	29872	GM_M38_B1_H05		GM_M38_B1_H05_MR
	29873	GM_M38_B1_H06	GM_M38_B1_H06_MF	
	29874	GM_M38_B1_H06		GM_M38_B1_H06_MR
	29875	GM_M38_B1_H07	GM_M38_B1_H07_MF	
	29876	GM_M38_B1_H07		GM_M38_B1_H07_MR
15	29877	GM_M38_B1_H08	GM_M38_B1_H08_MF	
	29878	GM_M38_B1_H08		GM_M38_B1_H08_MR
	29879	GM_M38_B1_H09	GM_M38_B1_H09_MF	
	29880	GM_M38_B1_H09		GM_M38_B1_H09_MR
	29881	GM_M38_B1_H10	GM_M38_B1_H10_MF	
20	29882	GM_M38_B1_H10		GM_M38_B1_H10_MR
	29883	GM_M38_B1_H11	GM_M38_B1_H11_MF	
	29884	GM_M38_B1_H11		GM_M38_B1_H11_MR
	29885	GM_M38_B1_H12	GM_M38_B1_H12_MF	
	29886	GM_M38_B1_H12		GM_M38_B1_H12_MR
25	29887	GM_M39_A2_A01	GM_M39_A2_A01_MF	
	29888	GM_M39_A2_A01		GM_M39_A2_A01_MR
	29889	GM_M39_A2_A02	GM_M39_A2_A02_MF	
	29890	GM_M39_A2_A02		GM_M39_A2_A02_MR
	29891	GM_M39_A2_A03	GM_M39_A2_A03_MF	
30	29892	GM_M39_A2_A03		GM_M39_A2_A03_MR
	29893	GM_M39_A2_A04	GM_M39_A2_A04_MF	
	29894	GM_M39_A2_A04		GM_M39_A2_A04_MR
	29895	GM_M39_A2_A05	GM_M39_A2_A05_MF	
	29896	GM_M39_A2_A05		GM_M39_A2_A05_MR
35	29897	GM_M39_A2_A06	GM_M39_A2_A06_MF	
	29898	GM_M39_A2_A06		GM_M39_A2_A06_MR
	29899	GM_M39_A2_A07		GM_M39_A2_A07_MR
	29900	GM_M39_A2_A08		GM_M39_A2_A08_MR
	29901	GM_M39_A2_A09	GM_M39_A2_A09_MF	
40	29902	GM_M39_A2_A09		GM_M39_A2_A09_MR
	29903	GM_M39_A2_A10		GM_M39_A2_A10_MR
	29904	GM_M39_A2_A11	GM_M39_A2_A11_MF	
	29905	GM_M39_A2_A11		GM_M39_A2_A11_MR
	29906	GM_M39_A2_A12	GM_M39_A2_A12_MF	
45	29907	GM_M39_A2_A12		GM_M39_A2_A12_MR
	29908	GM_M39_A2_B01	GM_M39_A2_B01_MF	
	29909	GM_M39_A2_B01		GM_M39_A2_B01_MR
	29910	GM_M39_A2_B03	GM_M39_A2_B03_MF	
	29911	GM_M39_A2_B03		GM_M39_A2_B03_MR
50	29912	GM_M39_A2_B04	GM_M39_A2_B04_MF	
	29913	GM_M39_A2_B04		GM_M39_A2_B04_MR
	29914	GM_M39_A2_B05	GM_M39_A2_B05_MF	
	29915	GM_M39_A2_B05		GM_M39_A2_B05_MR
	29916	GM_M39_A2_B06		GM_M39_A2_B06_MR
55	29917	GM_M39_A2_B07	GM_M39_A2_B07_MF	

	29918	GM_M39_A2_B07		GM_M39_A2_B07_MR
	29919	GM_M39_A2_B08	GM_M39_A2_B08_MF	
	29920	GM_M39_A2_B08		GM_M39_A2_B08_MR
	29921	GM_M39_A2_B09		GM_M39_A2_B09_MR
5	29922	GM_M39_A2_B10	GM_M39_A2_B10_MF	
	29923	GM_M39_A2_B10		GM_M39_A2_B10_MR
	29924	GM_M39_A2_B11		GM_M39_A2_B11_MR
	29925	GM_M39_A2_B12	GM_M39_A2_B12_MF	
	29926	GM_M39_A2_B12		GM_M39_A2_B12_MR
10	29927	GM_M39_A2_C01		GM_M39_A2_C01_MR
	29928	GM_M39_A2_C02	GM_M39_A2_C02_MF	
	29929	GM_M39_A2_C02		GM_M39_A2_C02_MR
	29930	GM_M39_A2_C03	GM_M39_A2_C03_MF	
	29931	GM_M39_A2_C03		GM_M39_A2_C03_MR
15	29932	GM_M39_A2_C04	GM_M39_A2_C04_MF	
	29933	GM_M39_A2_C04		GM_M39_A2_C04_MR
	29934	GM_M39_A2_C05	GM_M39_A2_C05_MF	
	29935	GM_M39_A2_C05		GM_M39_A2_C05_MR
	29936	GM_M39_A2_C06	GM_M39_A2_C06_MF	
20	29937	GM_M39_A2_C06		GM_M39_A2_C06_MR
	29938	GM_M39_A2_C07	GM_M39_A2_C07_MF	
	29939	GM_M39_A2_C07		GM_M39_A2_C07_MR
	29940	GM_M39_A2_C08	GM_M39_A2_C08_MF	
	29941	GM_M39_A2_C08		GM_M39_A2_C08_MR
25	29942	GM_M39_A2_C09		GM_M39_A2_C09_MR
	29943	GM_M39_A2_C10	GM_M39_A2_C10_MF	
	29944	GM_M39_A2_C10		GM_M39_A2_C10_MR
	29945	GM_M39_A2_C11		GM_M39_A2_C11_MR
	29946	GM_M39_A2_C12	GM_M39_A2_C12_MF	
30	29947	GM_M39_A2_C12		GM_M39_A2_C12_MR
	29948	GM_M39_A2_D02	GM_M39_A2_D02_MF	
	29949	GM_M39_A2_D02		GM_M39_A2_D02_MR
	29950	GM_M39_A2_D03	GM_M39_A2_D03_MF	
	29951	GM_M39_A2_D03		GM_M39_A2_D03_MR
35	29952	GM_M39_A2_D04	GM_M39_A2_D04_MF	
	29953	GM_M39_A2_D04		GM_M39_A2_D04_MR
	29954	GM_M39_A2_D05	GM_M39_A2_D05_MF	
	29955	GM_M39_A2_D05		GM_M39_A2_D05_MR
	29956	GM_M39_A2_D06		GM_M39_A2_D06_MR
40	29957	GM_M39_A2_D07	GM_M39_A2_D07_MF	
	29958	GM_M39_A2_D07		GM_M39_A2_D07_MR
	29959	GM_M39_A2_D08	GM_M39_A2_D08_MF	
	29960	GM_M39_A2_D08		GM_M39_A2_D08_MR
	29961	GM_M39_A2_D09	GM_M39_A2_D09_MF	
45	29962	GM_M39_A2_D09		GM_M39_A2_D09_MR
	29963	GM_M39_A2_D10	GM_M39_A2_D10_MF	
	29964	GM_M39_A2_D10		GM_M39_A2_D10_MR
	29965	GM_M39_A2_D11	GM_M39_A2_D11_MF	
	29966	GM_M39_A2_D11		GM_M39_A2_D11_MR
50	29967	GM_M39_A2_D12	GM_M39_A2_D12_MF	
	29968	GM_M39_A2_D12		GM_M39_A2_D12_MR
	29969	GM_M39_A2_E01	GM_M39_A2_E01_MF	
	29970	GM_M39_A2_E01		GM_M39_A2_E01_MR
	29971	GM_M39_A2_E03	GM_M39_A2_E03_MF	
55	29972	GM_M39_A2_E03		GM_M39_A2_E03_MR

	29973	GM_M39_A2_E04	GM_M39_A2_E04_MF	
	29974	GM_M39_A2_E04		GM_M39_A2_E04_MR
	29975	GM_M39_A2_E05		GM_M39_A2_E05_MR
	29976	GM_M39_A2_E10	GM_M39_A2_E10_MF	
5	29977	GM_M39_A2_E10		GM_M39_A2_E10_MR
	29978	GM_M39_A2_E11	GM_M39_A2_E11_MF	
	29979	GM_M39_A2_E11		GM_M39_A2_E11_MR
	29980	GM_M39_A2_E12	GM_M39_A2_E12_MF	
	29981	GM_M39_A2_E12		GM_M39_A2_E12_MR
10	29982	GM_M39_A2_F01	GM_M39_A2_F01_MF	
	29983	GM_M39_A2_F01		GM_M39_A2_F01_MR
	29984	GM_M39_A2_F02		GM_M39_A2_F02_MR
	29985	GM_M39_A2_F04	GM_M39_A2_F04_MF	
	29986	GM_M39_A2_F04		GM_M39_A2_F04_MR
15	29987	GM_M39_A2_F05	GM_M39_A2_F05_MF	
	29988	GM_M39_A2_F05		GM_M39_A2_F05_MR
	29989	GM_M39_A2_F06		GM_M39_A2_F06_MR
	29990	GM_M39_A2_F07	GM_M39_A2_F07_MF	
	29991	GM_M39_A2_F07		GM_M39_A2_F07_MR
20	29992	GM_M39_A2_F08	GM_M39_A2_F08_MF	
	29993	GM_M39_A2_F08		GM_M39_A2_F08_MR
	29994	GM_M39_A2_F09		GM_M39_A2_F09_MR
	29995	GM_M39_A2_F10	GM_M39_A2_F10_MF	
	29996	GM_M39_A2_F10		GM_M39_A2_F10_MR
25	29997	GM_M39_A2_F11	GM_M39_A2_F11_MF	
	29998	GM_M39_A2_F11		GM_M39_A2_F11_MR
	29999	GM_M39_A2_F12	GM_M39_A2_F12_MF	
	30000	GM_M39_A2_F12		GM_M39_A2_F12_MR
	30001	GM_M39_A2_G01	GM_M39_A2_G01_MF	
30	30002	GM_M39_A2_G01		GM_M39_A2_G01_MR
	30003	GM_M39_A2_G02	GM_M39_A2_G02_MF	
	30004	GM_M39_A2_G02		GM_M39_A2_G02_MR
	30005	GM_M39_A2_G03		GM_M39_A2_G03_MR
	30006	GM_M39_A2_G04	GM_M39_A2_G04_MF	
35	30007	GM_M39_A2_G04		GM_M39_A2_G04_MR
	30008	GM_M39_A2_G05	GM_M39_A2_G05_MF	
	30009	GM_M39_A2_G05		GM_M39_A2_G05_MR
	30010	GM_M39_A2_G06	GM_M39_A2_G06_MF	
	30011	GM_M39_A2_G06		GM_M39_A2_G06_MR
40	30012	GM_M39_A2_G07	GM_M39_A2_G07_MF	
	30013	GM_M39_A2_G07		GM_M39_A2_G07_MR
	30014	GM_M39_A2_G08		GM_M39_A2_G08_MR
	30015	GM_M39_A2_G09	GM_M39_A2_G09_MF	
	30016	GM_M39_A2_G09		GM_M39_A2_G09_MR
45	30017	GM_M39_A2_G10	GM_M39_A2_G10_MF	
	30018	GM_M39_A2_G10		GM_M39_A2_G10_MR
	30019	GM_M39_A2_G11		GM_M39_A2_G11_MR
	30020	GM_M39_A2_G12	GM_M39_A2_G12_MF	
	30021	GM_M39_A2_G12		GM_M39_A2_G12_MR
50	30022	GM_M39_A2_H01	GM_M39_A2_H01_MF	
	30023	GM_M39_A2_H01		GM_M39_A2_H01_MR
	30024	GM_M39_A2_H02	GM_M39_A2_H02_MF	
	30025	GM_M39_A2_H02		GM_M39_A2_H02_MR
	30026	GM_M39_A2_H03	GM_M39_A2_H03_MF	
55	30027	GM_M39_A2_H03		GM_M39_A2_H03_MR

	30028	GM_M39_A2_H04	GM_M39_A2_H04_MF	
	30029	GM_M39_A2_H04		GM_M39_A2_H04_MR
	30030	GM_M39_A2_H05		GM_M39_A2_H05_MR
	30031	GM_M39_A2_H07	GM_M39_A2_H07_MF	
5	30032	GM_M39_A2_H07		GM_M39_A2_H07_MR
	30033	GM_M39_A2_H08	GM_M39_A2_H08_MF	
	30034	GM_M39_A2_H08		GM_M39_A2_H08_MR
	30035	GM_M39_A2_H09	GM_M39_A2_H09_MF	
	30036	GM_M39_A2_H09		GM_M39_A2_H09_MR
10	30037	GM_M39_A2_H10	GM_M39_A2_H10_MF	
	30038	GM_M39_A2_H10		GM_M39_A2_H10_MR
	30039	GM_M39_A2_H11		GM_M39_A2_H11_MR
	30040	GM_M39_A2_H12		GM_M39_A2_H12_MR
	30041	GM_M39_B2_A01	GM_M39_B2_A01_MF	
15	30042	GM_M39_B2_A02	GM_M39_B2_A02_MF	
	30043	GM_M39_B2_A02		GM_M39_B2_A02_MR
	30044	GM_M39_B2_A03	GM_M39_B2_A03_MF	
	30045	GM_M39_B2_A03		GM_M39_B2_A03_MR
	30046	GM_M39_B2_A04	GM_M39_B2_A04_MF	
20	30047	GM_M39_B2_A04		GM_M39_B2_A04_MR
	30048	GM_M39_B2_A05	GM_M39_B2_A05_MF	
	30049	GM_M39_B2_A05		GM_M39_B2_A05_MR
	30050	GM_M39_B2_A06	GM_M39_B2_A06_MF	
	30051	GM_M39_B2_A07	GM_M39_B2_A07_MF	
25	30052	GM_M39_B2_A07		GM_M39_B2_A07_MR
	30053	GM_M39_B2_A08	GM_M39_B2_A08_MF	
	30054	GM_M39_B2_A08		GM_M39_B2_A08_MR
	30055	GM_M39_B2_A09		GM_M39_B2_A09_MR
	30056	GM_M39_B2_A10	GM_M39_B2_A10_MF	
30	30057	GM_M39_B2_A10		GM_M39_B2_A10_MR
	30058	GM_M39_B2_A11	GM_M39_B2_A11_MF	
	30059	GM_M39_B2_A11		GM_M39_B2_A11_MR
	30060	GM_M39_B2_A12	GM_M39_B2_A12_MF	
	30061	GM_M39_B2_A12		GM_M39_B2_A12_MR
35	30062	GM_M39_B2_B01	GM_M39_B2_B01_MF	
	30063	GM_M39_B2_B01		GM_M39_B2_B01_MR
	30064	GM_M39_B2_B02	GM_M39_B2_B02_MF	
	30065	GM_M39_B2_B02		GM_M39_B2_B02_MR
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40	30067	GM_M39_B2_B03		GM_M39_B2_B03_MR
	30068	GM_M39_B2_B04	GM_M39_B2_B04_MF	
	30069	GM_M39_B2_B04		GM_M39_B2_B04_MR
	30070	GM_M39_B2_B05	GM_M39_B2_B05_MF	
	30071	GM_M39_B2_B05		GM_M39_B2_B05_MR
45	30072	GM_M39_B2_B06	GM_M39_B2_B06_MF	
	30073	GM_M39_B2_B06		GM_M39_B2_B06_MR
	30074	GM_M39_B2_B07	GM_M39_B2_B07_MF	
	30075	GM_M39_B2_B07		GM_M39_B2_B07_MR
	30076	GM_M39_B2_B08	GM_M39_B2_B08_MF	
50	30077	GM_M39_B2_B08		GM_M39_B2_B08_MR
	30078	GM_M39_B2_B09	GM_M39_B2_B09_MF	
	30079	GM_M39_B2_B09		GM_M39_B2_B09_MR
	30080	GM_M39_B2_B10	GM_M39_B2_B10_MF	
	30081	GM_M39_B2_B10		GM_M39_B2_B10_MR
55	30082	GM_M39_B2_B11	GM_M39_B2_B11_MF	

	30083	GM_M39_B2_B11		GM_M39_B2_B11_MR
	30084	GM_M39_B2_B12	GM_M39_B2_B12_MF	
	30085	GM_M39_B2_B12		GM_M39_B2_B12_MR
	30086	GM_M39_B2_C01	GM_M39_B2_C01_MF	
5	30087	GM_M39_B2_C01		GM_M39_B2_C01_MR
	30088	GM_M39_B2_C02	GM_M39_B2_C02_MF	
	30089	GM_M39_B2_C02		GM_M39_B2_C02_MR
	30090	GM_M39_B2_C04	GM_M39_B2_C04_MF	
	30091	GM_M39_B2_C04		GM_M39_B2_C04_MR
10	30092	GM_M39_B2_C05	GM_M39_B2_C05_MF	
	30093	GM_M39_B2_C05		GM_M39_B2_C05_MR
	30094	GM_M39_B2_C06	GM_M39_B2_C06_MF	
	30095	GM_M39_B2_C06		GM_M39_B2_C06_MR
	30096	GM_M39_B2_C07	GM_M39_B2_C07_MF	
15	30097	GM_M39_B2_C07		GM_M39_B2_C07_MR
	30098	GM_M39_B2_C08	GM_M39_B2_C08_MF	
	30099	GM_M39_B2_C08		GM_M39_B2_C08_MR
	30100	GM_M39_B2_C10	GM_M39_B2_C10_MF	
	30101	GM_M39_B2_C11	GM_M39_B2_C11_MF	
20	30102	GM_M39_B2_C11		GM_M39_B2_C11_MR
	30103	GM_M39_B2_C12	GM_M39_B2_C12_MF	
	30104	GM_M39_B2_C12		GM_M39_B2_C12_MR
	30105	GM_M39_B2_D01		GM_M39_B2_D01_MR
	30106	GM_M39_B2_D02	GM_M39_B2_D02_MF	
25	30107	GM_M39_B2_D02		GM_M39_B2_D02_MR
	30108	GM_M39_B2_D03	GM_M39_B2_D03_MF	
	30109	GM_M39_B2_D03		GM_M39_B2_D03_MR
	30110	GM_M39_B2_D04		GM_M39_B2_D04_MR
	30111	GM_M39_B2_D05	GM_M39_B2_D05_MF	
30	30112	GM_M39_B2_D05		GM_M39_B2_D05_MR
	30113	GM_M39_B2_D06	GM_M39_B2_D06_MF	
	30114	GM_M39_B2_D06		GM_M39_B2_D06_MR
	30115	GM_M39_B2_D07	GM_M39_B2_D07_MF	
	30116	GM_M39_B2_D07		GM_M39_B2_D07_MR
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	30118	GM_M39_B2_D08		GM_M39_B2_D08_MR
	30119	GM_M39_B2_D09	GM_M39_B2_D09_MF	
	30120	GM_M39_B2_D09		GM_M39_B2_D09_MR
	30121	GM_M39_B2_D10	GM_M39_B2_D10_MF	
40	30122	GM_M39_B2_D10		GM_M39_B2_D10_MR
	30123	GM_M39_B2_D11	GM_M39_B2_D11_MF	
	30124	GM_M39_B2_D11		GM_M39_B2_D11_MR
	30125	GM_M39_B2_E01	GM_M39_B2_E01_MF	
	30126	GM_M39_B2_E01		GM_M39_B2_E01_MR
45	30127	GM_M39_B2_E02		GM_M39_B2_E02_MR
	30128	GM_M39_B2_E03	GM_M39_B2_E03_MF	
	30129	GM_M39_B2_E03		GM_M39_B2_E03_MR
	30130	GM_M39_B2_E04	GM_M39_B2_E04_MF	
	30131	GM_M39_B2_E04		GM_M39_B2_E04_MR
50	30132	GM_M39_B2_E05	GM_M39_B2_E05_MF	
	30133	GM_M39_B2_E05		GM_M39_B2_E05_MR
	30134	GM_M39_B2_E07	GM_M39_B2_E07_MF	
	30135	GM_M39_B2_E07		GM_M39_B2_E07_MR
	30136	GM_M39_B2_E08	GM_M39_B2_E08_MF	
55	30137	GM_M39_B2_E09	GM_M39_B2_E09_MF	

	30138	GM_M39_B2_E09		GM_M39_B2_E09_MR
	30139	GM_M39_B2_E11	GM_M39_B2_E11_MF	
	30140	GM_M39_B2_E11		GM_M39_B2_E11_MR
	30141	GM_M39_B2_E12	GM_M39_B2_E12_MF	
5	30142	GM_M39_B2_E12		GM_M39_B2_E12_MR
	30143	GM_M39_B2_F01	GM_M39_B2_F01_MF	
	30144	GM_M39_B2_F01		GM_M39_B2_F01_MR
	30145	GM_M39_B2_F02	GM_M39_B2_F02_MF	
	30146	GM_M39_B2_F02		GM_M39_B2_F02_MR
10	30147	GM_M39_B2_F03	GM_M39_B2_F03_MF	
	30148	GM_M39_B2_F03		GM_M39_B2_F03_MR
	30149	GM_M39_B2_F04	GM_M39_B2_F04_MF	
	30150	GM_M39_B2_F04		GM_M39_B2_F04_MR
	30151	GM_M39_B2_F05	GM_M39_B2_F05_MF	
15	30152	GM_M39_B2_F05		GM_M39_B2_F05_MR
	30153	GM_M39_B2_F06	GM_M39_B2_F06_MF	
	30154	GM_M39_B2_F06		GM_M39_B2_F06_MR
	30155	GM_M39_B2_F07	GM_M39_B2_F07_MF	
	30156	GM_M39_B2_F07		GM_M39_B2_F07_MR
20	30157	GM_M39_B2_F08	GM_M39_B2_F08_MF	
	30158	GM_M39_B2_F08		GM_M39_B2_F08_MR
	30159	GM_M39_B2_F09	GM_M39_B2_F09_MF	
	30160	GM_M39_B2_F09		GM_M39_B2_F09_MR
	30161	GM_M39_B2_F10	GM_M39_B2_F10_MF	
25	30162	GM_M39_B2_F10		GM_M39_B2_F10_MR
	30163	GM_M39_B2_F11	GM_M39_B2_F11_MF	
	30164	GM_M39_B2_F11		GM_M39_B2_F11_MR
	30165	GM_M39_B2_F12	GM_M39_B2_F12_MF	
	30166	GM_M39_B2_F12		GM_M39_B2_F12_MR
30	30167	GM_M39_B2_G03	GM_M39_B2_G03_MF	
	30168	GM_M39_B2_G03		GM_M39_B2_G03_MR
	30169	GM_M39_B2_G04	GM_M39_B2_G04_MF	
	30170	GM_M39_B2_G04		GM_M39_B2_G04_MR
	30171	GM_M39_B2_G05	GM_M39_B2_G05_MF	
35	30172	GM_M39_B2_G05		GM_M39_B2_G05_MR
	30173	GM_M39_B2_G06	GM_M39_B2_G06_MF	
	30174	GM_M39_B2_G06		GM_M39_B2_G06_MR
	30175	GM_M39_B2_G07	GM_M39_B2_G07_MF	
	30176	GM_M39_B2_G07		GM_M39_B2_G07_MR
40	30177	GM_M39_B2_G08	GM_M39_B2_G08_MF	
	30178	GM_M39_B2_G08		GM_M39_B2_G08_MR
	30179	GM_M39_B2_G09	GM_M39_B2_G09_MF	
	30180	GM_M39_B2_G09		GM_M39_B2_G09_MR
	30181	GM_M39_B2_G10	GM_M39_B2_G10_MF	
45	30182	GM_M39_B2_G10		GM_M39_B2_G10_MR
	30183	GM_M39_B2_G11	GM_M39_B2_G11_MF	
	30184	GM_M39_B2_G11		GM_M39_B2_G11_MR
	30185	GM_M39_B2_G12	GM_M39_B2_G12_MF	
	30186	GM_M39_B2_G12		GM_M39_B2_G12_MR
50	30187	GM_M39_B2_H01	GM_M39_B2_H01_MF	
	30188	GM_M39_B2_H01		GM_M39_B2_H01_MR
	30189	GM_M39_B2_H02	GM_M39_B2_H02_MF	
	30190	GM_M39_B2_H02		GM_M39_B2_H02_MR
	30191	GM_M39_B2_H03	GM_M39_B2_H03_MF	
55	30192	GM_M39_B2_H03		GM_M39_B2_H03_MR

	30193	GM_M39_B2_H04	GM_M39_B2_H04_MF	
	30194	GM_M39_B2_H04		GM_M39_B2_H04_MR
	30195	GM_M39_B2_H05	GM_M39_B2_H05_MF	
	30196	GM_M39_B2_H05		GM_M39_B2_H05_MR
5	30197	GM_M39_B2_H06	GM_M39_B2_H06_MF	
	30198	GM_M39_B2_H06		GM_M39_B2_H06_MR
	30199	GM_M39_B2_H07	GM_M39_B2_H07_MF	
	30200	GM_M39_B2_H07		GM_M39_B2_H07_MR
	30201	GM_M39_B2_H08	GM_M39_B2_H08_MF	
10	30202	GM_M39_B2_H08		GM_M39_B2_H08_MR
	30203	GM_M39_B2_H09	GM_M39_B2_H09_MF	
	30204	GM_M39_B2_H10	GM_M39_B2_H10_MF	
	30205	GM_M39_B2_H10		GM_M39_B2_H10_MR
	30206	GM_M39_B2_H11	GM_M39_B2_H11_MF	
15	30207	GM_M39_B2_H11		GM_M39_B2_H11_MR
	30208	GM_M39_B2_H12	GM_M39_B2_H12_MF	
	30209	GM_M39_B2_H12		GM_M39_B2_H12_MR
	30210	GM_M40_A1_A01	GM_M40_A1_A01_MF	
	30211	GM_M40_A1_A02	GM_M40_A1_A02_MF	
20	30212	GM_M40_A1_A03	GM_M40_A1_A03_MF	
	30213	GM_M40_A1_A04	GM_M40_A1_A04_MF	
	30214	GM_M40_A1_A04		GM_M40_A1_A04_MR
	30215	GM_M40_A1_A05	GM_M40_A1_A05_MF	
	30216	GM_M40_A1_A05		GM_M40_A1_A05_MR
25	30217	GM_M40_A1_A06	GM_M40_A1_A06_MF	
	30218	GM_M40_A1_A07	GM_M40_A1_A07_MF	
	30219	GM_M40_A1_A08	GM_M40_A1_A08_MF	
	30220	GM_M40_A1_A08		GM_M40_A1_A08_MR
	30221	GM_M40_A1_A09	GM_M40_A1_A09_MF	
30	30222	GM_M40_A1_A10	GM_M40_A1_A10_MF	
	30223	GM_M40_A1_A11	GM_M40_A1_A11_MF	
	30224	GM_M40_A1_A12	GM_M40_A1_A12_MF	
	30225	GM_M40_A1_B01	GM_M40_A1_B01_MF	
	30226	GM_M40_A1_B02	GM_M40_A1_B02_MF	
35	30227	GM_M40_A1_B03	GM_M40_A1_B03_MF	
	30228	GM_M40_A1_B03		GM_M40_A1_B03_MR
	30229	GM_M40_A1_B04	GM_M40_A1_B04_MF	
	30230	GM_M40_A1_B04		GM_M40_A1_B04_MR
	30231	GM_M40_A1_B05	GM_M40_A1_B05_MF	
40	30232	GM_M40_A1_B06	GM_M40_A1_B06_MF	
	30233	GM_M40_A1_B07	GM_M40_A1_B07_MF	
	30234	GM_M40_A1_B08	GM_M40_A1_B08_MF	
	30235	GM_M40_A1_B08		GM_M40_A1_B08_MR
	30236	GM_M40_A1_B09	GM_M40_A1_B09_MF	
45	30237	GM_M40_A1_B10	GM_M40_A1_B10_MF	
	30238	GM_M40_A1_B10		GM_M40_A1_B10_MR
	30239	GM_M40_A1_B11	GM_M40_A1_B11_MF	
	30240	GM_M40_A1_B12	GM_M40_A1_B12_MF	
	30241	GM_M40_A1_B12		GM_M40_A1_B12_MR
50	30242	GM_M40_A1_C01	GM_M40_A1_C01_MF	
	30243	GM_M40_A1_C01		GM_M40_A1_C01_MR
	30244	GM_M40_A1_C02	GM_M40_A1_C02_MF	
	30245	GM_M40_A1_C02		GM_M40_A1_C02_MR
	30246	GM_M40_A1_C03	GM_M40_A1_C03_MF	
55	30247	GM_M40_A1_C03		GM_M40_A1_C03_MR

	30248	GM_M40_A1_C04	GM_M40_A1_C04_MF	
	30249	GM_M40_A1_C04		GM_M40_A1_C04_MR
	30250	GM_M40_A1_C05	GM_M40_A1_C05_MF	
	30251	GM_M40_A1_C05		GM_M40_A1_C05_MR
5	30252	GM_M40_A1_C06	GM_M40_A1_C06_MF	
	30253	GM_M40_A1_C07	GM_M40_A1_C07_MF	
	30254	GM_M40_A1_C07		GM_M40_A1_C07_MR
	30255	GM_M40_A1_C08	GM_M40_A1_C08_MF	
	30256	GM_M40_A1_C08		GM_M40_A1_C08_MR
10	30257	GM_M40_A1_C09	GM_M40_A1_C09_MF	
	30258	GM_M40_A1_C09		GM_M40_A1_C09_MR
	30259	GM_M40_A1_C10	GM_M40_A1_C10_MF	
	30260	GM_M40_A1_C10		GM_M40_A1_C10_MR
	30261	GM_M40_A1_C11	GM_M40_A1_C11_MF	
15	30262	GM_M40_A1_C12	GM_M40_A1_C12_MF	
	30263	GM_M40_A1_C12		GM_M40_A1_C12_MR
	30264	GM_M40_A1_D01	GM_M40_A1_D01_MF	
	30265	GM_M40_A1_D02	GM_M40_A1_D02_MF	
	30266	GM_M40_A1_D03	GM_M40_A1_D03_MF	
20	30267	GM_M40_A1_D03		GM_M40_A1_D03_MR
	30268	GM_M40_A1_D04	GM_M40_A1_D04_MF	
	30269	GM_M40_A1_D04		GM_M40_A1_D04_MR
	30270	GM_M40_A1_D05	GM_M40_A1_D05_MF	
	30271	GM_M40_A1_D05		GM_M40_A1_D05_MR
25	30272	GM_M40_A1_D06	GM_M40_A1_D06_MF	
	30273	GM_M40_A1_D06		GM_M40_A1_D06_MR
	30274	GM_M40_A1_D07	GM_M40_A1_D07_MF	
	30275	GM_M40_A1_D07		GM_M40_A1_D07_MR
	30276	GM_M40_A1_D08	GM_M40_A1_D08_MF	
30	30277	GM_M40_A1_D08		GM_M40_A1_D08_MR
	30278	GM_M40_A1_D09	GM_M40_A1_D09_MF	
	30279	GM_M40_A1_D09		GM_M40_A1_D09_MR
	30280	GM_M40_A1_D10	GM_M40_A1_D10_MF	
	30281	GM_M40_A1_D10		GM_M40_A1_D10_MR
35	30282	GM_M40_A1_D11	GM_M40_A1_D11_MF	
	30283	GM_M40_A1_D12	GM_M40_A1_D12_MF	
	30284	GM_M40_A1_D12		GM_M40_A1_D12_MR
	30285	GM_M40_A1_E01	GM_M40_A1_E01_MF	
	30286	GM_M40_A1_E02	GM_M40_A1_E02_MF	
40	30287	GM_M40_A1_E03	GM_M40_A1_E03_MF	
	30288	GM_M40_A1_E04	GM_M40_A1_E04_MF	
	30289	GM_M40_A1_E04		GM_M40_A1_E04_MR
	30290	GM_M40_A1_E05	GM_M40_A1_E05_MF	
	30291	GM_M40_A1_E05		GM_M40_A1_E05_MR
45	30292	GM_M40_A1_E06	GM_M40_A1_E06_MF	
	30293	GM_M40_A1_E07	GM_M40_A1_E07_MF	
	30294	GM_M40_A1_E08	GM_M40_A1_E08_MF	
	30295	GM_M40_A1_E09	GM_M40_A1_E09_MF	
	30296	GM_M40_A1_E10	GM_M40_A1_E10_MF	
50	30297	GM_M40_A1_E10		GM_M40_A1_E10_MR
	30298	GM_M40_A1_E11	GM_M40_A1_E11_MF	
	30299	GM_M40_A1_E12	GM_M40_A1_E12_MF	
	30300	GM_M40_A1_F01	GM_M40_A1_F01_MF	
	30301	GM_M40_A1_F01		GM_M40_A1_F01_MR
55	30302	GM_M40_A1_F02	GM_M40_A1_F02_MF	

	30303	GM_M40_A1_F03	GM_M40_A1_F03_MF	
	30304	GM_M40_A1_F04	GM_M40_A1_F04_MF	
	30305	GM_M40_A1_F05	GM_M40_A1_F05_MF	
	30306	GM_M40_A1_F05		GM_M40_A1_F05_MR
5	30307	GM_M40_A1_F06	GM_M40_A1_F06_MF	
	30308	GM_M40_A1_F07	GM_M40_A1_F07_MF	
	30309	GM_M40_A1_F07		GM_M40_A1_F07_MR
	30310	GM_M40_A1_F08	GM_M40_A1_F08_MF	
	30311	GM_M40_A1_F08		GM_M40_A1_F08_MR
10	30312	GM_M40_A1_F09	GM_M40_A1_F09_MF	
	30313	GM_M40_A1_F09		GM_M40_A1_F09_MR
	30314	GM_M40_A1_F10	GM_M40_A1_F10_MF	
	30315	GM_M40_A1_F10		GM_M40_A1_F10_MR
	30316	GM_M40_A1_F11	GM_M40_A1_F11_MF	
15	30317	GM_M40_A1_F11		GM_M40_A1_F11_MR
	30318	GM_M40_A1_F12	GM_M40_A1_F12_MF	
	30319	GM_M40_A1_F12		GM_M40_A1_F12_MR
	30320	GM_M40_A1_G01	GM_M40_A1_G01_MF	
	30321	GM_M40_A1_G01		GM_M40_A1_G01_MR
20	30322	GM_M40_A1_G02	GM_M40_A1_G02_MF	
	30323	GM_M40_A1_G02		GM_M40_A1_G02_MR
	30324	GM_M40_A1_G03	GM_M40_A1_G03_MF	
	30325	GM_M40_A1_G03		GM_M40_A1_G03_MR
	30326	GM_M40_A1_G04	GM_M40_A1_G04_MF	
25	30327	GM_M40_A1_G04		GM_M40_A1_G04_MR
	30328	GM_M40_A1_G05	GM_M40_A1_G05_MF	
	30329	GM_M40_A1_G06	GM_M40_A1_G06_MF	
	30330	GM_M40_A1_G06		GM_M40_A1_G06_MR
	30331	GM_M40_A1_G07	GM_M40_A1_G07_MF	
30	30332	GM_M40_A1_G07		GM_M40_A1_G07_MR
	30333	GM_M40_A1_G08	GM_M40_A1_G08_MF	
	30334	GM_M40_A1_G08		GM_M40_A1_G08_MR
	30335	GM_M40_A1_G09	GM_M40_A1_G09_MF	
	30336	GM_M40_A1_G09		GM_M40_A1_G09_MR
35	30337	GM_M40_A1_G10	GM_M40_A1_G10_MF	
	30338	GM_M40_A1_G10		GM_M40_A1_G10_MR
	30339	GM_M40_A1_G11	GM_M40_A1_G11_MF	
	30340	GM_M40_A1_G11		GM_M40_A1_G11_MR
40	30341	GM_M40_A1_G12	GM_M40_A1_G12_MF	
	30342	GM_M40_A1_G12		GM_M40_A1_G12_MR
	30343	GM_M40_A1_H01	GM_M40_A1_H01_MF	
	30344	GM_M40_A1_H01		GM_M40_A1_H01_MR
	30345	GM_M40_A1_H02	GM_M40_A1_H02_MF	
	30346	GM_M40_A1_H02		GM_M40_A1_H02_MR
45	30347	GM_M40_A1_H03	GM_M40_A1_H03_MF	
	30348	GM_M40_A1_H03		GM_M40_A1_H03_MR
	30349	GM_M40_A1_H04	GM_M40_A1_H04_MF	
	30350	GM_M40_A1_H04		GM_M40_A1_H04_MR
	30351	GM_M40_A1_H05	GM_M40_A1_H05_MF	
50	30352	GM_M40_A1_H05		GM_M40_A1_H05_MR
	30353	GM_M40_A1_H06	GM_M40_A1_H06_MF	
	30354	GM_M40_A1_H06		GM_M40_A1_H06_MR
	30355	GM_M40_A1_H07	GM_M40_A1_H07_MF	
	30356	GM_M40_A1_H07		GM_M40_A1_H07_MR
55	30357	GM_M40_A1_H08	GM_M40_A1_H08_MF	

	30358	GM_M40_A1_H08		GM_M40_A1_H08_MR
	30359	GM_M40_A1_H09	GM_M40_A1_H09_MF	
	30360	GM_M40_A1_H09		GM_M40_A1_H09_MR
	30361	GM_M40_A1_H10	GM_M40_A1_H10_MF	
5	30362	GM_M40_A1_H10		GM_M40_A1_H10_MR
	30363	GM_M40_A1_H11	GM_M40_A1_H11_MF	
	30364	GM_M40_A1_H12	GM_M40_A1_H12_MF	
	30365	GM_M40_A1_H12		GM_M40_A1_H12_MR
	30366	GM_M40_A2_A01	GM_M40_A2_A01_MF	
10	30367	GM_M40_A2_A01		GM_M40_A2_A01_MR
	30368	GM_M40_A2_A02	GM_M40_A2_A02_MF	
	30369	GM_M40_A2_A02		GM_M40_A2_A02_MR
	30370	GM_M40_A2_A03	GM_M40_A2_A03_MF	
	30371	GM_M40_A2_A03		GM_M40_A2_A03_MR
15	30372	GM_M40_A2_A04	GM_M40_A2_A04_MF	
	30373	GM_M40_A2_A04		GM_M40_A2_A04_MR
	30374	GM_M40_A2_A05	GM_M40_A2_A05_MF	
	30375	GM_M40_A2_A05		GM_M40_A2_A05_MR
	30376	GM_M40_A2_A06	GM_M40_A2_A06_MF	
20	30377	GM_M40_A2_A06		GM_M40_A2_A06_MR
	30378	GM_M40_A2_A07	GM_M40_A2_A07_MF	
	30379	GM_M40_A2_A07		GM_M40_A2_A07_MR
	30380	GM_M40_A2_A08	GM_M40_A2_A08_MF	
	30381	GM_M40_A2_A08		GM_M40_A2_A08_MR
25	30382	GM_M40_A2_A09	GM_M40_A2_A09_MF	
	30383	GM_M40_A2_A09		GM_M40_A2_A09_MR
	30384	GM_M40_A2_A10	GM_M40_A2_A10_MF	
	30385	GM_M40_A2_A10		GM_M40_A2_A10_MR
	30386	GM_M40_A2_A11	GM_M40_A2_A11_MF	
30	30387	GM_M40_A2_A11		GM_M40_A2_A11_MR
	30388	GM_M40_A2_A12	GM_M40_A2_A12_MF	
	30389	GM_M40_A2_A12		GM_M40_A2_A12_MR
	30390	GM_M40_A2_B01	GM_M40_A2_B01_MF	
	30391	GM_M40_A2_B01		GM_M40_A2_B01_MR
35	30392	GM_M40_A2_B02	GM_M40_A2_B02_MF	
	30393	GM_M40_A2_B02		GM_M40_A2_B02_MR
	30394	GM_M40_A2_B03	GM_M40_A2_B03_MF	
	30395	GM_M40_A2_B03		GM_M40_A2_B03_MR
	30396	GM_M40_A2_B04	GM_M40_A2_B04_MF	
40	30397	GM_M40_A2_B04		GM_M40_A2_B04_MR
	30398	GM_M40_A2_B05	GM_M40_A2_B05_MF	
	30399	GM_M40_A2_B05		GM_M40_A2_B05_MR
	30400	GM_M40_A2_B06	GM_M40_A2_B06_MF	
	30401	GM_M40_A2_B06		GM_M40_A2_B06_MR
45	30402	GM_M40_A2_B07	GM_M40_A2_B07_MF	
	30403	GM_M40_A2_B07		GM_M40_A2_B07_MR
	30404	GM_M40_A2_B08	GM_M40_A2_B08_MF	
	30405	GM_M40_A2_B08		GM_M40_A2_B08_MR
	30406	GM_M40_A2_B09	GM_M40_A2_B09_MF	
50	30407	GM_M40_A2_B10	GM_M40_A2_B10_MF	
	30408	GM_M40_A2_B10		GM_M40_A2_B10_MR
	30409	GM_M40_A2_B11	GM_M40_A2_B11_MF	
	30410	GM_M40_A2_B11		GM_M40_A2_B11_MR
	30411	GM_M40_A2_B12	GM_M40_A2_B12_MF	
55	30412	GM_M40_A2_B12		GM_M40_A2_B12_MR

	30413	GM_M40_A2_C01	GM_M40_A2_C01_MF	
	30414	GM_M40_A2_C01		GM_M40_A2_C01_MR
	30415	GM_M40_A2_C02	GM_M40_A2_C02_MF	
	30416	GM_M40_A2_C02		GM_M40_A2_C02_MR
5	30417	GM_M40_A2_C03	GM_M40_A2_C03_MF	
	30418	GM_M40_A2_C03		GM_M40_A2_C03_MR
	30419	GM_M40_A2_C04	GM_M40_A2_C04_MF	
	30420	GM_M40_A2_C04		GM_M40_A2_C04_MR
	30421	GM_M40_A2_C05	GM_M40_A2_C05_MF	
10	30422	GM_M40_A2_C05		GM_M40_A2_C05_MR
	30423	GM_M40_A2_C06	GM_M40_A2_C06_MF	
	30424	GM_M40_A2_C06		GM_M40_A2_C06_MR
	30425	GM_M40_A2_C07	GM_M40_A2_C07_MF	
	30426	GM_M40_A2_C07		GM_M40_A2_C07_MR
15	30427	GM_M40_A2_C08	GM_M40_A2_C08_MF	
	30428	GM_M40_A2_C08		GM_M40_A2_C08_MR
	30429	GM_M40_A2_C09	GM_M40_A2_C09_MF	
	30430	GM_M40_A2_C09		GM_M40_A2_C09_MR
	30431	GM_M40_A2_C10	GM_M40_A2_C10_MF	
20	30432	GM_M40_A2_C10		GM_M40_A2_C10_MR
	30433	GM_M40_A2_C11	GM_M40_A2_C11_MF	
	30434	GM_M40_A2_C11		GM_M40_A2_C11_MR
	30435	GM_M40_A2_C12	GM_M40_A2_C12_MF	
	30436	GM_M40_A2_C12		GM_M40_A2_C12_MR
25	30437	GM_M40_A2_D01	GM_M40_A2_D01_MF	
	30438	GM_M40_A2_D01		GM_M40_A2_D01_MR
	30439	GM_M40_A2_D02	GM_M40_A2_D02_MF	
	30440	GM_M40_A2_D02		GM_M40_A2_D02_MR
	30441	GM_M40_A2_D03	GM_M40_A2_D03_MF	
30	30442	GM_M40_A2_D03		GM_M40_A2_D03_MR
	30443	GM_M40_A2_D04	GM_M40_A2_D04_MF	
	30444	GM_M40_A2_D04		GM_M40_A2_D04_MR
	30445	GM_M40_A2_D05	GM_M40_A2_D05_MF	
	30446	GM_M40_A2_D05		GM_M40_A2_D05_MR
35	30447	GM_M40_A2_D06	GM_M40_A2_D06_MF	
	30448	GM_M40_A2_D06		GM_M40_A2_D06_MR
	30449	GM_M40_A2_D07	GM_M40_A2_D07_MF	
	30450	GM_M40_A2_D07		GM_M40_A2_D07_MR
	30451	GM_M40_A2_D08	GM_M40_A2_D08_MF	
40	30452	GM_M40_A2_D08		GM_M40_A2_D08_MR
	30453	GM_M40_A2_D09	GM_M40_A2_D09_MF	
	30454	GM_M40_A2_D09		GM_M40_A2_D09_MR
	30455	GM_M40_A2_D10	GM_M40_A2_D10_MF	
	30456	GM_M40_A2_D10		GM_M40_A2_D10_MR
45	30457	GM_M40_A2_D11	GM_M40_A2_D11_MF	
	30458	GM_M40_A2_D11		GM_M40_A2_D11_MR
	30459	GM_M40_A2_D12	GM_M40_A2_D12_MF	
	30460	GM_M40_A2_D12		GM_M40_A2_D12_MR
	30461	GM_M40_A2_E01	GM_M40_A2_E01_MF	
50	30462	GM_M40_A2_E01		GM_M40_A2_E01_MR
	30463	GM_M40_A2_E02	GM_M40_A2_E02_MF	
	30464	GM_M40_A2_E02		GM_M40_A2_E02_MR
	30465	GM_M40_A2_E03	GM_M40_A2_E03_MF	
	30466	GM_M40_A2_E03		GM_M40_A2_E03_MR
55	30467	GM_M40_A2_E04	GM_M40_A2_E04_MF	

	30468	GM_M40_A2_E04		GM_M40_A2_E04_MR
	30469	GM_M40_A2_E05	GM_M40_A2_E05_MF	
	30470	GM_M40_A2_E05		GM_M40_A2_E05_MR
	30471	GM_M40_A2_E06	GM_M40_A2_E06_MF	
5	30472	GM_M40_A2_E06		GM_M40_A2_E06_MR
	30473	GM_M40_A2_E07	GM_M40_A2_E07_MF	
	30474	GM_M40_A2_E07		GM_M40_A2_E07_MR
	30475	GM_M40_A2_E08	GM_M40_A2_E08_MF	
	30476	GM_M40_A2_E08		GM_M40_A2_E08_MR
10	30477	GM_M40_A2_E09	GM_M40_A2_E09_MF	
	30478	GM_M40_A2_E09		GM_M40_A2_E09_MR
	30479	GM_M40_A2_E10	GM_M40_A2_E10_MF	
	30480	GM_M40_A2_E10		GM_M40_A2_E10_MR
	30481	GM_M40_A2_E11	GM_M40_A2_E11_MF	
15	30482	GM_M40_A2_E11		GM_M40_A2_E11_MR
	30483	GM_M40_A2_E12	GM_M40_A2_E12_MF	
	30484	GM_M40_A2_E12		GM_M40_A2_E12_MR
	30485	GM_M40_A2_F01	GM_M40_A2_F01_MF	
	30486	GM_M40_A2_F01		GM_M40_A2_F01_MR
20	30487	GM_M40_A2_F02	GM_M40_A2_F02_MF	
	30488	GM_M40_A2_F02		GM_M40_A2_F02_MR
	30489	GM_M40_A2_F03	GM_M40_A2_F03_MF	
	30490	GM_M40_A2_F03		GM_M40_A2_F03_MR
	30491	GM_M40_A2_F04	GM_M40_A2_F04_MF	
25	30492	GM_M40_A2_F04		GM_M40_A2_F04_MR
	30493	GM_M40_A2_F05	GM_M40_A2_F05_MF	
	30494	GM_M40_A2_F05		GM_M40_A2_F05_MR
	30495	GM_M40_A2_F06	GM_M40_A2_F06_MF	
	30496	GM_M40_A2_F06		GM_M40_A2_F06_MR
30	30497	GM_M40_A2_F07	GM_M40_A2_F07_MF	
	30498	GM_M40_A2_F07		GM_M40_A2_F07_MR
	30499	GM_M40_A2_F08	GM_M40_A2_F08_MF	
	30500	GM_M40_A2_F08		GM_M40_A2_F08_MR
	30501	GM_M40_A2_F09	GM_M40_A2_F09_MF	
35	30502	GM_M40_A2_F09		GM_M40_A2_F09_MR
	30503	GM_M40_A2_F10	GM_M40_A2_F10_MF	
	30504	GM_M40_A2_F10		GM_M40_A2_F10_MR
	30505	GM_M40_A2_F11	GM_M40_A2_F11_MF	
	30506	GM_M40_A2_F11		GM_M40_A2_F11_MR
40	30507	GM_M40_A2_F12	GM_M40_A2_F12_MF	
	30508	GM_M40_A2_F12		GM_M40_A2_F12_MR
	30509	GM_M40_A2_G01	GM_M40_A2_G01_MF	
	30510	GM_M40_A2_G01		GM_M40_A2_G01_MR
	30511	GM_M40_A2_G02	GM_M40_A2_G02_MF	
45	30512	GM_M40_A2_G02		GM_M40_A2_G02_MR
	30513	GM_M40_A2_G03	GM_M40_A2_G03_MF	
	30514	GM_M40_A2_G03		GM_M40_A2_G03_MR
	30515	GM_M40_A2_G04	GM_M40_A2_G04_MF	
	30516	GM_M40_A2_G04		GM_M40_A2_G04_MR
50	30517	GM_M40_A2_G05	GM_M40_A2_G05_MF	
	30518	GM_M40_A2_G05		GM_M40_A2_G05_MR
	30519	GM_M40_A2_G06	GM_M40_A2_G06_MF	
	30520	GM_M40_A2_G06		GM_M40_A2_G06_MR
	30521	GM_M40_A2_G07	GM_M40_A2_G07_MF	
55	30522	GM_M40_A2_G07		GM_M40_A2_G07_MR

	30523	GM_M40_A2_G08	GM_M40_A2_G08_MF	
	30524	GM_M40_A2_G08		GM_M40_A2_G08_MR
	30525	GM_M40_A2_G09	GM_M40_A2_G09_MF	
	30526	GM_M40_A2_G09		GM_M40_A2_G09_MR
5	30527	GM_M40_A2_G10	GM_M40_A2_G10_MF	
	30528	GM_M40_A2_G10		GM_M40_A2_G10_MR
	30529	GM_M40_A2_G11	GM_M40_A2_G11_MF	
	30530	GM_M40_A2_G11		GM_M40_A2_G11_MR
	30531	GM_M40_A2_G12	GM_M40_A2_G12_MF	
10	30532	GM_M40_A2_G12		GM_M40_A2_G12_MR
	30533	GM_M40_A2_H01	GM_M40_A2_H01_MF	
	30534	GM_M40_A2_H01		GM_M40_A2_H01_MR
	30535	GM_M40_A2_H02	GM_M40_A2_H02_MF	
	30536	GM_M40_A2_H02		GM_M40_A2_H02_MR
15	30537	GM_M40_A2_H03	GM_M40_A2_H03_MF	
	30538	GM_M40_A2_H03		GM_M40_A2_H03_MR
	30539	GM_M40_A2_H04	GM_M40_A2_H04_MF	
	30540	GM_M40_A2_H04		GM_M40_A2_H04_MR
	30541	GM_M40_A2_H05	GM_M40_A2_H05_MF	
20	30542	GM_M40_A2_H05		GM_M40_A2_H05_MR
	30543	GM_M40_A2_H06	GM_M40_A2_H06_MF	
	30544	GM_M40_A2_H07	GM_M40_A2_H07_MF	
	30545	GM_M40_A2_H07		GM_M40_A2_H07_MR
	30546	GM_M40_A2_H08	GM_M40_A2_H08_MF	
25	30547	GM_M40_A2_H08		GM_M40_A2_H08_MR
	30548	GM_M40_A2_H09	GM_M40_A2_H09_MF	
	30549	GM_M40_A2_H09		GM_M40_A2_H09_MR
	30550	GM_M40_A2_H10	GM_M40_A2_H10_MF	
	30551	GM_M40_A2_H10		GM_M40_A2_H10_MR
30	30552	GM_M40_A2_H11	GM_M40_A2_H11_MF	
	30553	GM_M40_A2_H11		GM_M40_A2_H11_MR
	30554	GM_M40_A2_H12	GM_M40_A2_H12_MF	
	30555	GM_M40_A2_H12		GM_M40_A2_H12_MR
	30556	GM_M40_B1_A01	GM_M40_B1_A01_MF	
35	30557	GM_M40_B1_A03	GM_M40_B1_A03_MF	
	30558	GM_M40_B1_A04		GM_M40_B1_A04_MR
	30559	GM_M40_B1_A05	GM_M40_B1_A05_MF	
	30560	GM_M40_B1_A05		GM_M40_B1_A05_MR
	30561	GM_M40_B1_A07	GM_M40_B1_A07_MF	
40	30562	GM_M40_B1_A08	GM_M40_B1_A08_MF	
	30563	GM_M40_B1_A08		GM_M40_B1_A08_MR
	30564	GM_M40_B1_A09	GM_M40_B1_A09_MF	
	30565	GM_M40_B1_A10		GM_M40_B1_A10_MR
	30566	GM_M40_B1_A11	GM_M40_B1_A11_MF	
45	30567	GM_M40_B1_A11		GM_M40_B1_A11_MR
	30568	GM_M40_B1_A12	GM_M40_B1_A12_MF	
	30569	GM_M40_B1_A12		GM_M40_B1_A12_MR
	30570	GM_M40_B1_B01	GM_M40_B1_B01_MF	
	30571	GM_M40_B1_B01		GM_M40_B1_B01_MR
50	30572	GM_M40_B1_B02	GM_M40_B1_B02_MF	
	30573	GM_M40_B1_B02		GM_M40_B1_B02_MR
	30574	GM_M40_B1_B03	GM_M40_B1_B03_MF	
	30575	GM_M40_B1_B03		GM_M40_B1_B03_MR
	30576	GM_M40_B1_B04	GM_M40_B1_B04_MF	
55	30577	GM_M40_B1_B05	GM_M40_B1_B05_MF	

	30578	GM_M40_B1_B05		GM_M40_B1_B05_MR
	30579	GM_M40_B1_B07	GM_M40_B1_B07_MF	
	30580	GM_M40_B1_B07		GM_M40_B1_B07_MR
	30581	GM_M40_B1_B08	GM_M40_B1_B08_MF	
5	30582	GM_M40_B1_B08		GM_M40_B1_B08_MR
	30583	GM_M40_B1_B09	GM_M40_B1_B09_MF	
	30584	GM_M40_B1_B09		GM_M40_B1_B09_MR
	30585	GM_M40_B1_B10	GM_M40_B1_B10_MF	
	30586	GM_M40_B1_B10		GM_M40_B1_B10_MR
10	30587	GM_M40_B1_B11	GM_M40_B1_B11_MF	
	30588	GM_M40_B1_B11		GM_M40_B1_B11_MR
	30589	GM_M40_B1_B12	GM_M40_B1_B12_MF	
	30590	GM_M40_B1_B12		GM_M40_B1_B12_MR
	30591	GM_M40_B1_C01		GM_M40_B1_C01_MR
15	30592	GM_M40_B1_C02	GM_M40_B1_C02_MF	
	30593	GM_M40_B1_C02		GM_M40_B1_C02_MR
	30594	GM_M40_B1_C03	GM_M40_B1_C03_MF	
	30595	GM_M40_B1_C03		GM_M40_B1_C03_MR
	30596	GM_M40_B1_C04	GM_M40_B1_C04_MF	
20	30597	GM_M40_B1_C04		GM_M40_B1_C04_MR
	30598	GM_M40_B1_C05		GM_M40_B1_C05_MR
	30599	GM_M40_B1_C06	GM_M40_B1_C06_MF	
	30600	GM_M40_B1_C06		GM_M40_B1_C06_MR
	30601	GM_M40_B1_C07	GM_M40_B1_C07_MF	
25	30602	GM_M40_B1_C07		GM_M40_B1_C07_MR
	30603	GM_M40_B1_C08	GM_M40_B1_C08_MF	
	30604	GM_M40_B1_C08		GM_M40_B1_C08_MR
	30605	GM_M40_B1_C09	GM_M40_B1_C09_MF	
	30606	GM_M40_B1_C09		GM_M40_B1_C09_MR
30	30607	GM_M40_B1_C10	GM_M40_B1_C10_MF	
	30608	GM_M40_B1_C11	GM_M40_B1_C11_MF	
	30609	GM_M40_B1_C11		GM_M40_B1_C11_MR
	30610	GM_M40_B1_C12		GM_M40_B1_C12_MR
	30611	GM_M40_B1_D01	GM_M40_B1_D01_MF	
35	30612	GM_M40_B1_D01		GM_M40_B1_D01_MR
	30613	GM_M40_B1_D02	GM_M40_B1_D02_MF	
	30614	GM_M40_B1_D02		GM_M40_B1_D02_MR
	30615	GM_M40_B1_D03	GM_M40_B1_D03_MF	
	30616	GM_M40_B1_D03		GM_M40_B1_D03_MR
40	30617	GM_M40_B1_D05		GM_M40_B1_D05_MR
	30618	GM_M40_B1_D06	GM_M40_B1_D06_MF	
	30619	GM_M40_B1_D06		GM_M40_B1_D06_MR
	30620	GM_M40_B1_D07	GM_M40_B1_D07_MF	
	30621	GM_M40_B1_D09	GM_M40_B1_D09_MF	
45	30622	GM_M40_B1_D09		GM_M40_B1_D09_MR
	30623	GM_M40_B1_D10	GM_M40_B1_D10_MF	
	30624	GM_M40_B1_D11	GM_M40_B1_D11_MF	
	30625	GM_M40_B1_D11		GM_M40_B1_D11_MR
	30626	GM_M40_B1_D12		GM_M40_B1_D12_MR
50	30627	GM_M40_B1_E01	GM_M40_B1_E01_MF	
	30628	GM_M40_B1_E01		GM_M40_B1_E01_MR
	30629	GM_M40_B1_E02	GM_M40_B1_E02_MF	
	30630	GM_M40_B1_E02		GM_M40_B1_E02_MR
	30631	GM_M40_B1_E03		GM_M40_B1_E03_MR
55	30632	GM_M40_B1_E04	GM_M40_B1_E04_MF	

	30633	GM_M40_B1_E04		GM_M40_B1_E04_MR
	30634	GM_M40_B1_E05	GM_M40_B1_E05_MF	
	30635	GM_M40_B1_E05		GM_M40_B1_E05_MR
	30636	GM_M40_B1_E06	GM_M40_B1_E06_MF	
5	30637	GM_M40_B1_E06		GM_M40_B1_E06_MR
	30638	GM_M40_B1_E07	GM_M40_B1_E07_MF	
	30639	GM_M40_B1_E07		GM_M40_B1_E07_MR
	30640	GM_M40_B1_E08	GM_M40_B1_E08_MF	
	30641	GM_M40_B1_E08		GM_M40_B1_E08_MR
10	30642	GM_M40_B1_E09	GM_M40_B1_E09_MF	
	30643	GM_M40_B1_E09		GM_M40_B1_E09_MR
	30644	GM_M40_B1_E10	GM_M40_B1_E10_MF	
	30645	GM_M40_B1_E10		GM_M40_B1_E10_MR
	30646	GM_M40_B1_E11	GM_M40_B1_E11_MF	
15	30647	GM_M40_B1_E11		GM_M40_B1_E11_MR
	30648	GM_M40_B1_E12		GM_M40_B1_E12_MR
	30649	GM_M40_B1_F01	GM_M40_B1_F01_MF	
	30650	GM_M40_B1_F02	GM_M40_B1_F02_MF	
	30651	GM_M40_B1_F03	GM_M40_B1_F03_MF	
20	30652	GM_M40_B1_F03		GM_M40_B1_F03_MR
	30653	GM_M40_B1_F04	GM_M40_B1_F04_MF	
	30654	GM_M40_B1_F04		GM_M40_B1_F04_MR
	30655	GM_M40_B1_F05	GM_M40_B1_F05_MF	
	30656	GM_M40_B1_F05		GM_M40_B1_F05_MR
25	30657	GM_M40_B1_F06	GM_M40_B1_F06_MF	
	30658	GM_M40_B1_F07	GM_M40_B1_F07_MF	
	30659	GM_M40_B1_F07		GM_M40_B1_F07_MR
	30660	GM_M40_B1_F08	GM_M40_B1_F08_MF	
	30661	GM_M40_B1_F08		GM_M40_B1_F08_MR
30	30662	GM_M40_B1_F09	GM_M40_B1_F09_MF	
	30663	GM_M40_B1_F09		GM_M40_B1_F09_MR
	30664	GM_M40_B1_F10		GM_M40_B1_F10_MR
	30665	GM_M40_B1_F11	GM_M40_B1_F11_MF	
	30666	GM_M40_B1_F11		GM_M40_B1_F11_MR
35	30667	GM_M40_B1_F12	GM_M40_B1_F12_MF	
	30668	GM_M40_B1_F12		GM_M40_B1_F12_MR
	30669	GM_M40_B1_G01	GM_M40_B1_G01_MF	
	30670	GM_M40_B1_G01		GM_M40_B1_G01_MR
	30671	GM_M40_B1_G02		GM_M40_B1_G02_MR
40	30672	GM_M40_B1_G03	GM_M40_B1_G03_MF	
	30673	GM_M40_B1_G03		GM_M40_B1_G03_MR
	30674	GM_M40_B1_G04	GM_M40_B1_G04_MF	
	30675	GM_M40_B1_G04		GM_M40_B1_G04_MR
	30676	GM_M40_B1_G05		GM_M40_B1_G05_MR
45	30677	GM_M40_B1_G06	GM_M40_B1_G06_MF	
	30678	GM_M40_B1_G06		GM_M40_B1_G06_MR
	30679	GM_M40_B1_G07	GM_M40_B1_G07_MF	
	30680	GM_M40_B1_G08	GM_M40_B1_G08_MF	
	30681	GM_M40_B1_G08		GM_M40_B1_G08_MR
50	30682	GM_M40_B1_G09	GM_M40_B1_G09_MF	
	30683	GM_M40_B1_G09		GM_M40_B1_G09_MR
	30684	GM_M40_B1_G10	GM_M40_B1_G10_MF	
	30685	GM_M40_B1_G10		GM_M40_B1_G10_MR
	30686	GM_M40_B1_G11	GM_M40_B1_G11_MF	
55	30687	GM_M40_B1_G11		GM_M40_B1_G11_MR

	30688	GM_M40_B1_G12	GM_M40_B1_G12_MF	
	30689	GM_M40_B1_G12		GM_M40_B1_G12_MR
	30690	GM_M40_B1_H01	GM_M40_B1_H01_MF	
	30691	GM_M40_B1_H01		GM_M40_B1_H01_MR
5	30692	GM_M40_B1_H02	GM_M40_B1_H02_MF	
	30693	GM_M40_B1_H03	GM_M40_B1_H03_MF	
	30694	GM_M40_B1_H03		GM_M40_B1_H03_MR
	30695	GM_M40_B1_H04	GM_M40_B1_H04_MF	
	30696	GM_M40_B1_H05		GM_M40_B1_H05_MR
10	30697	GM_M40_B1_H06	GM_M40_B1_H06_MF	
	30698	GM_M40_B1_H07	GM_M40_B1_H07_MF	
	30699	GM_M40_B1_H08	GM_M40_B1_H08_MF	
	30700	GM_M40_B1_H09	GM_M40_B1_H09_MF	
	30701	GM_M40_B1_H09		GM_M40_B1_H09_MR
15	30702	GM_M40_B1_H10	GM_M40_B1_H10_MF	
	30703	GM_M40_B1_H12		GM_M40_B1_H12_MR
	30704	GM_M40_B2_A01	GM_M40_B2_A01_MF	
	30705	GM_M40_B2_A01		GM_M40_B2_A01_MR
	30706	GM_M40_B2_A02	GM_M40_B2_A02_MF	
20	30707	GM_M40_B2_A02		GM_M40_B2_A02_MR
	30708	GM_M40_B2_A03	GM_M40_B2_A03_MF	
	30709	GM_M40_B2_A03		GM_M40_B2_A03_MR
	30710	GM_M40_B2_A04	GM_M40_B2_A04_MF	
	30711	GM_M40_B2_A04		GM_M40_B2_A04_MR
25	30712	GM_M40_B2_A05	GM_M40_B2_A05_MF	
	30713	GM_M40_B2_A05		GM_M40_B2_A05_MR
	30714	GM_M40_B2_A07	GM_M40_B2_A07_MF	
	30715	GM_M40_B2_A07		GM_M40_B2_A07_MR
	30716	GM_M40_B2_A09	GM_M40_B2_A09_MF	
30	30717	GM_M40_B2_A09		GM_M40_B2_A09_MR
	30718	GM_M40_B2_A10	GM_M40_B2_A10_MF	
	30719	GM_M40_B2_A10		GM_M40_B2_A10_MR
	30720	GM_M40_B2_A11	GM_M40_B2_A11_MF	
	30721	GM_M40_B2_A11		GM_M40_B2_A11_MR
35	30722	GM_M40_B2_A12	GM_M40_B2_A12_MF	
	30723	GM_M40_B2_A12		GM_M40_B2_A12_MR
	30724	GM_M40_B2_B01	GM_M40_B2_B01_MF	
	30725	GM_M40_B2_B01		GM_M40_B2_B01_MR
	30726	GM_M40_B2_B02	GM_M40_B2_B02_MF	
40	30727	GM_M40_B2_B02		GM_M40_B2_B02_MR
	30728	GM_M40_B2_B03	GM_M40_B2_B03_MF	
	30729	GM_M40_B2_B03		GM_M40_B2_B03_MR
	30730	GM_M40_B2_B04	GM_M40_B2_B04_MF	
	30731	GM_M40_B2_B04		GM_M40_B2_B04_MR
45	30732	GM_M40_B2_B05	GM_M40_B2_B05_MF	
	30733	GM_M40_B2_B05		GM_M40_B2_B05_MR
	30734	GM_M40_B2_B06	GM_M40_B2_B06_MF	
	30735	GM_M40_B2_B06		GM_M40_B2_B06_MR
	30736	GM_M40_B2_B07	GM_M40_B2_B07_MF	
50	30737	GM_M40_B2_B07		GM_M40_B2_B07_MR
	30738	GM_M40_B2_B08	GM_M40_B2_B08_MF	
	30739	GM_M40_B2_B08		GM_M40_B2_B08_MR
	30740	GM_M40_B2_B09		GM_M40_B2_B09_MR
	30741	GM_M40_B2_B10	GM_M40_B2_B10_MF	
55	30742	GM_M40_B2_B10		GM_M40_B2_B10_MR

	30743	GM_M40_B2_B11	GM_M40_B2_B11_MF	
	30744	GM_M40_B2_B11		GM_M40_B2_B11_MR
	30745	GM_M40_B2_B12	GM_M40_B2_B12_MF	
	30746	GM_M40_B2_B12		GM_M40_B2_B12_MR
5	30747	GM_M40_B2_C01	GM_M40_B2_C01_MF	
	30748	GM_M40_B2_C01		GM_M40_B2_C01_MR
	30749	GM_M40_B2_C02	GM_M40_B2_C02_MF	
	30750	GM_M40_B2_C02		GM_M40_B2_C02_MR
	30751	GM_M40_B2_C03	GM_M40_B2_C03_MF	
10	30752	GM_M40_B2_C03		GM_M40_B2_C03_MR
	30753	GM_M40_B2_C04	GM_M40_B2_C04_MF	
	30754	GM_M40_B2_C04		GM_M40_B2_C04_MR
	30755	GM_M40_B2_C05	GM_M40_B2_C05_MF	
	30756	GM_M40_B2_C05		GM_M40_B2_C05_MR
15	30757	GM_M40_B2_C06	GM_M40_B2_C06_MF	
	30758	GM_M40_B2_C06		GM_M40_B2_C06_MR
	30759	GM_M40_B2_C07	GM_M40_B2_C07_MF	
	30760	GM_M40_B2_C07		GM_M40_B2_C07_MR
	30761	GM_M40_B2_C08	GM_M40_B2_C08_MF	
20	30762	GM_M40_B2_C08		GM_M40_B2_C08_MR
	30763	GM_M40_B2_C09	GM_M40_B2_C09_MF	
	30764	GM_M40_B2_C09		GM_M40_B2_C09_MR
	30765	GM_M40_B2_C10	GM_M40_B2_C10_MF	
	30766	GM_M40_B2_C10		GM_M40_B2_C10_MR
25	30767	GM_M40_B2_C11	GM_M40_B2_C11_MF	
	30768	GM_M40_B2_C11		GM_M40_B2_C11_MR
	30769	GM_M40_B2_C12	GM_M40_B2_C12_MF	
	30770	GM_M40_B2_C12		GM_M40_B2_C12_MR
	30771	GM_M40_B2_D01	GM_M40_B2_D01_MF	
30	30772	GM_M40_B2_D01		GM_M40_B2_D01_MR
	30773	GM_M40_B2_D02	GM_M40_B2_D02_MF	
	30774	GM_M40_B2_D02		GM_M40_B2_D02_MR
	30775	GM_M40_B2_D03	GM_M40_B2_D03_MF	
	30776	GM_M40_B2_D03		GM_M40_B2_D03_MR
35	30777	GM_M40_B2_D04	GM_M40_B2_D04_MF	
	30778	GM_M40_B2_D04		GM_M40_B2_D04_MR
	30779	GM_M40_B2_D05	GM_M40_B2_D05_MF	
	30780	GM_M40_B2_D05		GM_M40_B2_D05_MR
	30781	GM_M40_B2_D06	GM_M40_B2_D06_MF	
40	30782	GM_M40_B2_D06		GM_M40_B2_D06_MR
	30783	GM_M40_B2_D07	GM_M40_B2_D07_MF	
	30784	GM_M40_B2_D07		GM_M40_B2_D07_MR
	30785	GM_M40_B2_D08	GM_M40_B2_D08_MF	
	30786	GM_M40_B2_D08		GM_M40_B2_D08_MR
45	30787	GM_M40_B2_D09	GM_M40_B2_D09_MF	
	30788	GM_M40_B2_D09		GM_M40_B2_D09_MR
	30789	GM_M40_B2_D10	GM_M40_B2_D10_MF	
	30790	GM_M40_B2_D10		GM_M40_B2_D10_MR
	30791	GM_M40_B2_D11	GM_M40_B2_D11_MF	
50	30792	GM_M40_B2_D11		GM_M40_B2_D11_MR
	30793	GM_M40_B2_D12	GM_M40_B2_D12_MF	
	30794	GM_M40_B2_D12		GM_M40_B2_D12_MR
	30795	GM_M40_B2_E01	GM_M40_B2_E01_MF	
	30796	GM_M40_B2_E01		GM_M40_B2_E01_MR
55	30797	GM_M40_B2_E02	GM_M40_B2_E02_MF	

	30798	GM_M40_B2_E02		GM_M40_B2_E02_MR
	30799	GM_M40_B2_E03	GM_M40_B2_E03_MF	
	30800	GM_M40_B2_E03		GM_M40_B2_E03_MR
	30801	GM_M40_B2_E04	GM_M40_B2_E04_MF	
5	30802	GM_M40_B2_E04		GM_M40_B2_E04_MR
	30803	GM_M40_B2_E05	GM_M40_B2_E05_MF	
	30804	GM_M40_B2_E05		GM_M40_B2_E05_MR
	30805	GM_M40_B2_E06	GM_M40_B2_E06_MF	
	30806	GM_M40_B2_E06		GM_M40_B2_E06_MR
10	30807	GM_M40_B2_E07	GM_M40_B2_E07_MF	
	30808	GM_M40_B2_E07		GM_M40_B2_E07_MR
	30809	GM_M40_B2_E08	GM_M40_B2_E08_MF	
	30810	GM_M40_B2_E08		GM_M40_B2_E08_MR
	30811	GM_M40_B2_E09	GM_M40_B2_E09_MF	
15	30812	GM_M40_B2_E09		GM_M40_B2_E09_MR
	30813	GM_M40_B2_E10	GM_M40_B2_E10_MF	
	30814	GM_M40_B2_E10		GM_M40_B2_E10_MR
	30815	GM_M40_B2_E11	GM_M40_B2_E11_MF	
	30816	GM_M40_B2_E11		GM_M40_B2_E11_MR
20	30817	GM_M40_B2_E12	GM_M40_B2_E12_MF	
	30818	GM_M40_B2_E12		GM_M40_B2_E12_MR
	30819	GM_M40_B2_F01	GM_M40_B2_F01_MF	
	30820	GM_M40_B2_F01		GM_M40_B2_F01_MR
	30821	GM_M40_B2_F02	GM_M40_B2_F02_MF	
25	30822	GM_M40_B2_F02		GM_M40_B2_F02_MR
	30823	GM_M40_B2_F03	GM_M40_B2_F03_MF	
	30824	GM_M40_B2_F03		GM_M40_B2_F03_MR
	30825	GM_M40_B2_F04	GM_M40_B2_F04_MF	
	30826	GM_M40_B2_F04		GM_M40_B2_F04_MR
30	30827	GM_M40_B2_F05	GM_M40_B2_F05_MF	
	30828	GM_M40_B2_F05		GM_M40_B2_F05_MR
	30829	GM_M40_B2_F06	GM_M40_B2_F06_MF	
	30830	GM_M40_B2_F06		GM_M40_B2_F06_MR
	30831	GM_M40_B2_F08	GM_M40_B2_F08_MF	
35	30832	GM_M40_B2_F08		GM_M40_B2_F08_MR
	30833	GM_M40_B2_F09	GM_M40_B2_F09_MF	
	30834	GM_M40_B2_F09		GM_M40_B2_F09_MR
	30835	GM_M40_B2_F10	GM_M40_B2_F10_MF	
	30836	GM_M40_B2_F10		GM_M40_B2_F10_MR
40	30837	GM_M40_B2_F11	GM_M40_B2_F11_MF	
	30838	GM_M40_B2_F12	GM_M40_B2_F12_MF	
	30839	GM_M40_B2_F12		GM_M40_B2_F12_MR
	30840	GM_M40_B2_G01	GM_M40_B2_G01_MF	
	30841	GM_M40_B2_G01		GM_M40_B2_G01_MR
45	30842	GM_M40_B2_G02	GM_M40_B2_G02_MF	
	30843	GM_M40_B2_G02		GM_M40_B2_G02_MR
	30844	GM_M40_B2_G03	GM_M40_B2_G03_MF	
	30845	GM_M40_B2_G03		GM_M40_B2_G03_MR
	30846	GM_M40_B2_G04	GM_M40_B2_G04_MF	
50	30847	GM_M40_B2_G04		GM_M40_B2_G04_MR
	30848	GM_M40_B2_G05	GM_M40_B2_G05_MF	
	30849	GM_M40_B2_G05		GM_M40_B2_G05_MR
	30850	GM_M40_B2_G06	GM_M40_B2_G06_MF	
	30851	GM_M40_B2_G06		GM_M40_B2_G06_MR
55	30852	GM_M40_B2_G07	GM_M40_B2_G07_MF	

	30853	GM_M40_B2_G07		GM_M40_B2_G07_MR
	30854	GM_M40_B2_G08	GM_M40_B2_G08_MF	
	30855	GM_M40_B2_G08		GM_M40_B2_G08_MR
	30856	GM_M40_B2_G09	GM_M40_B2_G09_MF	
5	30857	GM_M40_B2_G09		GM_M40_B2_G09_MR
	30858	GM_M40_B2_G10	GM_M40_B2_G10_MF	
	30859	GM_M40_B2_G10		GM_M40_B2_G10_MR
	30860	GM_M40_B2_G11	GM_M40_B2_G11_MF	
	30861	GM_M40_B2_G11		GM_M40_B2_G11_MR
10	30862	GM_M40_B2_G12	GM_M40_B2_G12_MF	
	30863	GM_M40_B2_G12		GM_M40_B2_G12_MR
	30864	GM_M40_B2_H01	GM_M40_B2_H01_MF	
	30865	GM_M40_B2_H01		GM_M40_B2_H01_MR
	30866	GM_M40_B2_H02	GM_M40_B2_H02_MF	
15	30867	GM_M40_B2_H02		GM_M40_B2_H02_MR
	30868	GM_M40_B2_H03	GM_M40_B2_H03_MF	
	30869	GM_M40_B2_H03		GM_M40_B2_H03_MR
	30870	GM_M40_B2_H04	GM_M40_B2_H04_MF	
	30871	GM_M40_B2_H04		GM_M40_B2_H04_MR
20	30872	GM_M40_B2_H05	GM_M40_B2_H05_MF	
	30873	GM_M40_B2_H05		GM_M40_B2_H05_MR
	30874	GM_M40_B2_H06	GM_M40_B2_H06_MF	
	30875	GM_M40_B2_H06		GM_M40_B2_H06_MR
	30876	GM_M40_B2_H07	GM_M40_B2_H07_MF	
25	30877	GM_M40_B2_H07		GM_M40_B2_H07_MR
	30878	GM_M40_B2_H08	GM_M40_B2_H08_MF	
	30879	GM_M40_B2_H08		GM_M40_B2_H08_MR
	30880	GM_M40_B2_H09	GM_M40_B2_H09_MF	
	30881	GM_M40_B2_H09		GM_M40_B2_H09_MR
30	30882	GM_M40_B2_H10	GM_M40_B2_H10_MF	
	30883	GM_M40_B2_H10		GM_M40_B2_H10_MR
	30884	GM_M40_B2_H11	GM_M40_B2_H11_MF	
	30885	GM_M40_B2_H11		GM_M40_B2_H11_MR
	30886	GM_M40_B2_H12	GM_M40_B2_H12_MF	
35	30887	GM_M40_B2_H12		GM_M40_B2_H12_MR
	30888	GM_M41_A1_A01	GM_M41_A1_A01_MF	
	30889	GM_M41_A1_A02	GM_M41_A1_A02_MF	
	30890	GM_M41_A1_A03	GM_M41_A1_A03_MF	
	30891	GM_M41_A1_A03		GM_M41_A1_A03_MR
40	30892	GM_M41_A1_A04	GM_M41_A1_A04_MF	
	30893	GM_M41_A1_A04		GM_M41_A1_A04_MR
	30894	GM_M41_A1_A05	GM_M41_A1_A05_MF	
	30895	GM_M41_A1_A06		GM_M41_A1_A06_MR
	30896	GM_M41_A1_A07		GM_M41_A1_A07_MR
45	30897	GM_M41_A1_A08		GM_M41_A1_A08_MR
	30898	GM_M41_A1_A09	GM_M41_A1_A09_MF	
	30899	GM_M41_A1_A09		GM_M41_A1_A09_MR
	30900	GM_M41_A1_A10	GM_M41_A1_A10_MF	
	30901	GM_M41_A1_A10		GM_M41_A1_A10_MR
50	30902	GM_M41_A1_A11	GM_M41_A1_A11_MF	
	30903	GM_M41_A1_A12	GM_M41_A1_A12_MF	
	30904	GM_M41_A1_B01	GM_M41_A1_B01_MF	
	30905	GM_M41_A1_B01		GM_M41_A1_B01_MR
	30906	GM_M41_A1_B02	GM_M41_A1_B02_MF	
55	30907	GM_M41_A1_B03	GM_M41_A1_B03_MF	

	30908	GM_M41_A1_B03		GM_M41_A1_B03_MR
	30909	GM_M41_A1_B04	GM_M41_A1_B04_MF	
	30910	GM_M41_A1_B04		GM_M41_A1_B04_MR
	30911	GM_M41_A1_B05	GM_M41_A1_B05_MF	
5	30912	GM_M41_A1_B05		GM_M41_A1_B05_MR
	30913	GM_M41_A1_B06		GM_M41_A1_B06_MR
	30914	GM_M41_A1_B08	GM_M41_A1_B08_MF	
	30915	GM_M41_A1_B08		GM_M41_A1_B08_MR
	30916	GM_M41_A1_B09	GM_M41_A1_B09_MF	
10	30917	GM_M41_A1_B09		GM_M41_A1_B09_MR
	30918	GM_M41_A1_B10	GM_M41_A1_B10_MF	
	30919	GM_M41_A1_B10		GM_M41_A1_B10_MR
	30920	GM_M41_A1_B11	GM_M41_A1_B11_MF	
	30921	GM_M41_A1_B11		GM_M41_A1_B11_MR
15	30922	GM_M41_A1_B12	GM_M41_A1_B12_MF	
	30923	GM_M41_A1_B12		GM_M41_A1_B12_MR
	30924	GM_M41_A1_C02	GM_M41_A1_C02_MF	
	30925	GM_M41_A1_C02		GM_M41_A1_C02_MR
	30926	GM_M41_A1_C03	GM_M41_A1_C03_MF	
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	30928	GM_M41_A1_C04	GM_M41_A1_C04_MF	
	30929	GM_M41_A1_C04		GM_M41_A1_C04_MR
	30930	GM_M41_A1_C05	GM_M41_A1_C05_MF	
	30931	GM_M41_A1_C05		GM_M41_A1_C05_MR
25	30932	GM_M41_A1_C06	GM_M41_A1_C06_MF	
	30933	GM_M41_A1_C06		GM_M41_A1_C06_MR
	30934	GM_M41_A1_C07	GM_M41_A1_C07_MF	
	30935	GM_M41_A1_C07		GM_M41_A1_C07_MR
	30936	GM_M41_A1_C08	GM_M41_A1_C08_MF	
30	30937	GM_M41_A1_C09	GM_M41_A1_C09_MF	
	30938	GM_M41_A1_C09		GM_M41_A1_C09_MR
	30939	GM_M41_A1_C10	GM_M41_A1_C10_MF	
	30940	GM_M41_A1_C10		GM_M41_A1_C10_MR
	30941	GM_M41_A1_C11	GM_M41_A1_C11_MF	
35	30942	GM_M41_A1_C12	GM_M41_A1_C12_MF	
	30943	GM_M41_A1_C12		GM_M41_A1_C12_MR
	30944	GM_M41_A1_D01	GM_M41_A1_D01_MF	
	30945	GM_M41_A1_D01		GM_M41_A1_D01_MR
	30946	GM_M41_A1_D02	GM_M41_A1_D02_MF	
40	30947	GM_M41_A1_D02		GM_M41_A1_D02_MR
	30948	GM_M41_A1_D03	GM_M41_A1_D03_MF	
	30949	GM_M41_A1_D03		GM_M41_A1_D03_MR
	30950	GM_M41_A1_D04	GM_M41_A1_D04_MF	
	30951	GM_M41_A1_D04		GM_M41_A1_D04_MR
45	30952	GM_M41_A1_D05	GM_M41_A1_D05_MF	
	30953	GM_M41_A1_D05		GM_M41_A1_D05_MR
	30954	GM_M41_A1_D06	GM_M41_A1_D06_MF	
	30955	GM_M41_A1_D06		GM_M41_A1_D06_MR
	30956	GM_M41_A1_D07	GM_M41_A1_D07_MF	
50	30957	GM_M41_A1_D08		GM_M41_A1_D08_MR
	30958	GM_M41_A1_D09	GM_M41_A1_D09_MF	
	30959	GM_M41_A1_D09		GM_M41_A1_D09_MR
	30960	GM_M41_A1_D10	GM_M41_A1_D10_MF	
	30961	GM_M41_A1_D10		GM_M41_A1_D10_MR
55	30962	GM_M41_A1_D11	GM_M41_A1_D11_MF	

	30963	GM_M41_A1_D11		GM_M41_A1_D11_MR
	30964	GM_M41_A1_D12	GM_M41_A1_D12_MF	
	30965	GM_M41_A1_D12		GM_M41_A1_D12_MR
	30966	GM_M41_A1_E01	GM_M41_A1_E01_MF	
5	30967	GM_M41_A1_E01		GM_M41_A1_E01_MR
	30968	GM_M41_A1_E02	GM_M41_A1_E02_MF	
	30969	GM_M41_A1_E03	GM_M41_A1_E03_MF	
	30970	GM_M41_A1_E04	GM_M41_A1_E04_MF	
	30971	GM_M41_A1_E05		GM_M41_A1_E05_MR
10	30972	GM_M41_A1_E06		GM_M41_A1_E06_MR
	30973	GM_M41_A1_E08		GM_M41_A1_E08_MR
	30974	GM_M41_A1_E10	GM_M41_A1_E10_MF	
	30975	GM_M41_A1_E11	GM_M41_A1_E11_MF	
	30976	GM_M41_A1_E11		GM_M41_A1_E11_MR
15	30977	GM_M41_A1_E12		GM_M41_A1_E12_MR
	30978	GM_M41_A1_F01	GM_M41_A1_F01_MF	
	30979	GM_M41_A1_F01		GM_M41_A1_F01_MR
	30980	GM_M41_A1_F02	GM_M41_A1_F02_MF	
	30981	GM_M41_A1_F02		GM_M41_A1_F02_MR
20	30982	GM_M41_A1_F03	GM_M41_A1_F03_MF	
	30983	GM_M41_A1_F03		GM_M41_A1_F03_MR
	30984	GM_M41_A1_F04	GM_M41_A1_F04_MF	
	30985	GM_M41_A1_F04		GM_M41_A1_F04_MR
	30986	GM_M41_A1_F05	GM_M41_A1_F05_MF	
25	30987	GM_M41_A1_F05		GM_M41_A1_F05_MR
	30988	GM_M41_A1_F06	GM_M41_A1_F06_MF	
	30989	GM_M41_A1_F06		GM_M41_A1_F06_MR
	30990	GM_M41_A1_F07	GM_M41_A1_F07_MF	
	30991	GM_M41_A1_F07		GM_M41_A1_F07_MR
30	30992	GM_M41_A1_F08	GM_M41_A1_F08_MF	
	30993	GM_M41_A1_F08		GM_M41_A1_F08_MR
	30994	GM_M41_A1_F09	GM_M41_A1_F09_MF	
	30995	GM_M41_A1_F09		GM_M41_A1_F09_MR
	30996	GM_M41_A1_F10	GM_M41_A1_F10_MF	
35	30997	GM_M41_A1_F10		GM_M41_A1_F10_MR
	30998	GM_M41_A1_F11	GM_M41_A1_F11_MF	
	30999	GM_M41_A1_F11		GM_M41_A1_F11_MR
	31000	GM_M41_A1_F12		GM_M41_A1_F12_MR
	31001	GM_M41_A1_G01		GM_M41_A1_G01_MR
40	31002	GM_M41_A1_G02	GM_M41_A1_G02_MF	
	31003	GM_M41_A1_G02		GM_M41_A1_G02_MR
	31004	GM_M41_A1_G04	GM_M41_A1_G04_MF	
	31005	GM_M41_A1_G04		GM_M41_A1_G04_MR
	31006	GM_M41_A1_G05	GM_M41_A1_G05_MF	
45	31007	GM_M41_A1_G05		GM_M41_A1_G05_MR
	31008	GM_M41_A1_G06	GM_M41_A1_G06_MF	
	31009	GM_M41_A1_G06		GM_M41_A1_G06_MR
	31010	GM_M41_A1_G07	GM_M41_A1_G07_MF	
	31011	GM_M41_A1_G07		GM_M41_A1_G07_MR
50	31012	GM_M41_A1_G08	GM_M41_A1_G08_MF	
	31013	GM_M41_A1_G08		GM_M41_A1_G08_MR
	31014	GM_M41_A1_G09	GM_M41_A1_G09_MF	
	31015	GM_M41_A1_G09		GM_M41_A1_G09_MR
	31016	GM_M41_A1_G10	GM_M41_A1_G10_MF	
55	31017	GM_M41_A1_G10		GM_M41_A1_G10_MR

	31018	GM_M41_A1_G11		GM_M41_A1_G11_MR
	31019	GM_M41_A1_G12	GM_M41_A1_G12_MF	
	31020	GM_M41_A1_G12		GM_M41_A1_G12_MR
	31021	GM_M41_A1_H01	GM_M41_A1_H01_MF	
5	31022	GM_M41_A1_H02	GM_M41_A1_H02_MF	
	31023	GM_M41_A1_H02		GM_M41_A1_H02_MR
	31024	GM_M41_A1_H03	GM_M41_A1_H03_MF	
	31025	GM_M41_A1_H03		GM_M41_A1_H03_MR
	31026	GM_M41_A1_H04	GM_M41_A1_H04_MF	
10	31027	GM_M41_A1_H04		GM_M41_A1_H04_MR
	31028	GM_M41_A1_H05	GM_M41_A1_H05_MF	
	31029	GM_M41_A1_H05		GM_M41_A1_H05_MR
	31030	GM_M41_A1_H06	GM_M41_A1_H06_MF	
	31031	GM_M41_A1_H06		GM_M41_A1_H06_MR
15	31032	GM_M41_A1_H07	GM_M41_A1_H07_MF	
	31033	GM_M41_A1_H07		GM_M41_A1_H07_MR
	31034	GM_M41_A1_H08	GM_M41_A1_H08_MF	
	31035	GM_M41_A1_H08		GM_M41_A1_H08_MR
	31036	GM_M41_A1_H09		GM_M41_A1_H09_MR
20	31037	GM_M41_A1_H10	GM_M41_A1_H10_MF	
	31038	GM_M41_A1_H10		GM_M41_A1_H10_MR
	31039	GM_M41_A1_H11	GM_M41_A1_H11_MF	
	31040	GM_M41_A1_H11		GM_M41_A1_H11_MR
	31041	GM_M41_A1_H12	GM_M41_A1_H12_MF	
25	31042	GM_M41_A1_H12		GM_M41_A1_H12_MR
	31043	GM_M41_A2_A01	GM_M41_A2_A01_MF	
	31044	GM_M41_A2_A01		GM_M41_A2_A01_MR
	31045	GM_M41_A2_A02	GM_M41_A2_A02_MF	
	31046	GM_M41_A2_A02		GM_M41_A2_A02_MR
30	31047	GM_M41_A2_A03		GM_M41_A2_A03_MR
	31048	GM_M41_A2_A04	GM_M41_A2_A04_MF	
	31049	GM_M41_A2_A04		GM_M41_A2_A04_MR
	31050	GM_M41_A2_A05	GM_M41_A2_A05_MF	
	31051	GM_M41_A2_A05		GM_M41_A2_A05_MR
35	31052	GM_M41_A2_A06		GM_M41_A2_A06_MR
	31053	GM_M41_A2_A07	GM_M41_A2_A07_MF	
	31054	GM_M41_A2_A07		GM_M41_A2_A07_MR
	31055	GM_M41_A2_A08	GM_M41_A2_A08_MF	
	31056	GM_M41_A2_A08		GM_M41_A2_A08_MR
40	31057	GM_M41_A2_A09	GM_M41_A2_A09_MF	
	31058	GM_M41_A2_A09		GM_M41_A2_A09_MR
	31059	GM_M41_A2_A10		GM_M41_A2_A10_MR
	31060	GM_M41_A2_A11	GM_M41_A2_A11_MF	
	31061	GM_M41_A2_A11		GM_M41_A2_A11_MR
45	31062	GM_M41_A2_A12	GM_M41_A2_A12_MF	
	31063	GM_M41_A2_A12		GM_M41_A2_A12_MR
	31064	GM_M41_A2_B01	GM_M41_A2_B01_MF	
	31065	GM_M41_A2_B01		GM_M41_A2_B01_MR
	31066	GM_M41_A2_B02	GM_M41_A2_B02_MF	
50	31067	GM_M41_A2_B02		GM_M41_A2_B02_MR
	31068	GM_M41_A2_B03	GM_M41_A2_B03_MF	
	31069	GM_M41_A2_B03		GM_M41_A2_B03_MR
	31070	GM_M41_A2_B04	GM_M41_A2_B04_MF	
	31071	GM_M41_A2_B04		GM_M41_A2_B04_MR
55	31072	GM_M41_A2_B05	GM_M41_A2_B05_MF	

	31073	GM_M41_A2_B05		GM_M41_A2_B05_MR
	31074	GM_M41_A2_B06		GM_M41_A2_B06_MR
	31075	GM_M41_A2_B07	GM_M41_A2_B07_MF	
	31076	GM_M41_A2_B07		GM_M41_A2_B07_MR
5	31077	GM_M41_A2_B08	GM_M41_A2_B08_MF	
	31078	GM_M41_A2_B08		GM_M41_A2_B08_MR
	31079	GM_M41_A2_B09	GM_M41_A2_B09_MF	
	31080	GM_M41_A2_B10	GM_M41_A2_B10_MF	
	31081	GM_M41_A2_B10		GM_M41_A2_B10_MR
10	31082	GM_M41_A2_B11	GM_M41_A2_B11_MF	
	31083	GM_M41_A2_B11		GM_M41_A2_B11_MR
	31084	GM_M41_A2_B12	GM_M41_A2_B12_MF	
	31085	GM_M41_A2_B12		GM_M41_A2_B12_MR
	31086	GM_M41_A2_C01	GM_M41_A2_C01_MF	
15	31087	GM_M41_A2_C02		GM_M41_A2_C02_MR
	31088	GM_M41_A2_C03		GM_M41_A2_C03_MR
	31089	GM_M41_A2_C04	GM_M41_A2_C04_MF	
	31090	GM_M41_A2_C04		GM_M41_A2_C04_MR
	31091	GM_M41_A2_C05		GM_M41_A2_C05_MR
20	31092	GM_M41_A2_C06	GM_M41_A2_C06_MF	
	31093	GM_M41_A2_C06		GM_M41_A2_C06_MR
	31094	GM_M41_A2_C07	GM_M41_A2_C07_MF	
	31095	GM_M41_A2_C07		GM_M41_A2_C07_MR
	31096	GM_M41_A2_C08		GM_M41_A2_C08_MR
25	31097	GM_M41_A2_C09		GM_M41_A2_C09_MR
	31098	GM_M41_A2_C10	GM_M41_A2_C10_MF	
	31099	GM_M41_A2_C10		GM_M41_A2_C10_MR
	31100	GM_M41_A2_C11	GM_M41_A2_C11_MF	
	31101	GM_M41_A2_C11		GM_M41_A2_C11_MR
30	31102	GM_M41_A2_C12	GM_M41_A2_C12_MF	
	31103	GM_M41_A2_C12		GM_M41_A2_C12_MR
	31104	GM_M41_A2_D01		GM_M41_A2_D01_MR
	31105	GM_M41_A2_D02	GM_M41_A2_D02_MF	
	31106	GM_M41_A2_D02		GM_M41_A2_D02_MR
35	31107	GM_M41_A2_D03	GM_M41_A2_D03_MF	
	31108	GM_M41_A2_D03		GM_M41_A2_D03_MR
	31109	GM_M41_A2_D04	GM_M41_A2_D04_MF	
	31110	GM_M41_A2_D04		GM_M41_A2_D04_MR
	31111	GM_M41_A2_D05	GM_M41_A2_D05_MF	
40	31112	GM_M41_A2_D05		GM_M41_A2_D05_MR
	31113	GM_M41_A2_D06	GM_M41_A2_D06_MF	
	31114	GM_M41_A2_D06		GM_M41_A2_D06_MR
	31115	GM_M41_A2_D07		GM_M41_A2_D07_MR
	31116	GM_M41_A2_D08	GM_M41_A2_D08_MF	
45	31117	GM_M41_A2_D08		GM_M41_A2_D08_MR
	31118	GM_M41_A2_D09	GM_M41_A2_D09_MF	
	31119	GM_M41_A2_D09		GM_M41_A2_D09_MR
	31120	GM_M41_A2_D10		GM_M41_A2_D10_MR
	31121	GM_M41_A2_D11		GM_M41_A2_D11_MR
50	31122	GM_M41_A2_D12	GM_M41_A2_D12_MF	
	31123	GM_M41_A2_D12		GM_M41_A2_D12_MR
	31124	GM_M41_A2_E01	GM_M41_A2_E01_MF	
	31125	GM_M41_A2_E01		GM_M41_A2_E01_MR
	31126	GM_M41_A2_E02	GM_M41_A2_E02_MF	
55	31127	GM_M41_A2_E02		GM_M41_A2_E02_MR

	31128	GM_M41_A2_E03	GM_M41_A2_E03_MF	
	31129	GM_M41_A2_E03		GM_M41_A2_E03_MR
	31130	GM_M41_A2_E04	GM_M41_A2_E04_MF	
	31131	GM_M41_A2_E04		GM_M41_A2_E04_MR
5	31132	GM_M41_A2_E05	GM_M41_A2_E05_MF	
	31133	GM_M41_A2_E05		GM_M41_A2_E05_MR
	31134	GM_M41_A2_E06	GM_M41_A2_E06_MF	
	31135	GM_M41_A2_E07	GM_M41_A2_E07_MF	
	31136	GM_M41_A2_E07		GM_M41_A2_E07_MR
10	31137	GM_M41_A2_E08		GM_M41_A2_E08_MR
	31138	GM_M41_A2_E09	GM_M41_A2_E09_MF	
	31139	GM_M41_A2_E09		GM_M41_A2_E09_MR
	31140	GM_M41_A2_E10	GM_M41_A2_E10_MF	
	31141	GM_M41_A2_E10		GM_M41_A2_E10_MR
15	31142	GM_M41_A2_E11	GM_M41_A2_E11_MF	
	31143	GM_M41_A2_E12	GM_M41_A2_E12_MF	
	31144	GM_M41_A2_E12		GM_M41_A2_E12_MR
	31145	GM_M41_A2_F01	GM_M41_A2_F01_MF	
	31146	GM_M41_A2_F01		GM_M41_A2_F01_MR
20	31147	GM_M41_A2_F02	GM_M41_A2_F02_MF	
	31148	GM_M41_A2_F02		GM_M41_A2_F02_MR
	31149	GM_M41_A2_F03	GM_M41_A2_F03_MF	
	31150	GM_M41_A2_F03		GM_M41_A2_F03_MR
	31151	GM_M41_A2_F04	GM_M41_A2_F04_MF	
25	31152	GM_M41_A2_F04		GM_M41_A2_F04_MR
	31153	GM_M41_A2_F05	GM_M41_A2_F05_MF	
	31154	GM_M41_A2_F05		GM_M41_A2_F05_MR
	31155	GM_M41_A2_F06	GM_M41_A2_F06_MF	
	31156	GM_M41_A2_F07	GM_M41_A2_F07_MF	
30	31157	GM_M41_A2_F08	GM_M41_A2_F08_MF	
	31158	GM_M41_A2_F08		GM_M41_A2_F08_MR
	31159	GM_M41_A2_F09	GM_M41_A2_F09_MF	
	31160	GM_M41_A2_F09		GM_M41_A2_F09_MR
	31161	GM_M41_A2_F10	GM_M41_A2_F10_MF	
35	31162	GM_M41_A2_F12		GM_M41_A2_F12_MR
	31163	GM_M41_A2_G01	GM_M41_A2_G01_MF	
	31164	GM_M41_A2_G01		GM_M41_A2_G01_MR
	31165	GM_M41_A2_G02	GM_M41_A2_G02_MF	
	31166	GM_M41_A2_G03	GM_M41_A2_G03_MF	
40	31167	GM_M41_A2_G03		GM_M41_A2_G03_MR
	31168	GM_M41_A2_G04		GM_M41_A2_G04_MR
	31169	GM_M41_A2_G05	GM_M41_A2_G05_MF	
	31170	GM_M41_A2_G05		GM_M41_A2_G05_MR
	31171	GM_M41_A2_G06	GM_M41_A2_G06_MF	
45	31172	GM_M41_A2_G07	GM_M41_A2_G07_MF	
	31173	GM_M41_A2_G08	GM_M41_A2_G08_MF	
	31174	GM_M41_A2_G08		GM_M41_A2_G08_MR
	31175	GM_M41_A2_G09	GM_M41_A2_G09_MF	
	31176	GM_M41_A2_G09		GM_M41_A2_G09_MR
50	31177	GM_M41_A2_G10	GM_M41_A2_G10_MF	
	31178	GM_M41_A2_G10		GM_M41_A2_G10_MR
	31179	GM_M41_A2_G11	GM_M41_A2_G11_MF	
	31180	GM_M41_A2_G12	GM_M41_A2_G12_MF	
	31181	GM_M41_A2_G12		GM_M41_A2_G12_MR
55	31182	GM_M41_A2_H01		GM_M41_A2_H01_MR

	31183	GM_M41_A2_H02		GM_M41_A2_H02_MR
	31184	GM_M41_A2_H03	GM_M41_A2_H03_MF	
	31185	GM_M41_A2_H03		GM_M41_A2_H03_MR
	31186	GM_M41_A2_H04	GM_M41_A2_H04_MF	
5	31187	GM_M41_A2_H04		GM_M41_A2_H04_MR
	31188	GM_M41_A2_H05	GM_M41_A2_H05_MF	
	31189	GM_M41_A2_H05		GM_M41_A2_H05_MR
	31190	GM_M41_A2_H06	GM_M41_A2_H06_MF	
	31191	GM_M41_A2_H06		GM_M41_A2_H06_MR
10	31192	GM_M41_A2_H07	GM_M41_A2_H07_MF	
	31193	GM_M41_A2_H07		GM_M41_A2_H07_MR
	31194	GM_M41_A2_H08	GM_M41_A2_H08_MF	
	31195	GM_M41_A2_H08		GM_M41_A2_H08_MR
	31196	GM_M41_A2_H09	GM_M41_A2_H09_MF	
15	31197	GM_M41_A2_H09		GM_M41_A2_H09_MR
	31198	GM_M41_A2_H10	GM_M41_A2_H10_MF	
	31199	GM_M41_A2_H11	GM_M41_A2_H11_MF	
	31200	GM_M41_A2_H11		GM_M41_A2_H11_MR
	31201	GM_M41_A2_H12	GM_M41_A2_H12_MF	
20	31202	GM_M41_A2_H12		GM_M41_A2_H12_MR
	31203	GM_M41_B1_A01	GM_M41_B1_A01_MF	
	31204	GM_M41_B1_A01		GM_M41_B1_A01_MR
	31205	GM_M41_B1_A02	GM_M41_B1_A02_MF	
	31206	GM_M41_B1_A02		GM_M41_B1_A02_MR
25	31207	GM_M41_B1_A03	GM_M41_B1_A03_MF	
	31208	GM_M41_B1_A03		GM_M41_B1_A03_MR
	31209	GM_M41_B1_A04	GM_M41_B1_A04_MF	
	31210	GM_M41_B1_A04		GM_M41_B1_A04_MR
	31211	GM_M41_B1_A05	GM_M41_B1_A05_MF	
30	31212	GM_M41_B1_A05		GM_M41_B1_A05_MR
	31213	GM_M41_B1_A06	GM_M41_B1_A06_MF	
	31214	GM_M41_B1_A06		GM_M41_B1_A06_MR
	31215	GM_M41_B1_A07	GM_M41_B1_A07_MF	
	31216	GM_M41_B1_A07		GM_M41_B1_A07_MR
35	31217	GM_M41_B1_A08	GM_M41_B1_A08_MF	
	31218	GM_M41_B1_A08		GM_M41_B1_A08_MR
	31219	GM_M41_B1_A10	GM_M41_B1_A10_MF	
	31220	GM_M41_B1_A11	GM_M41_B1_A11_MF	
	31221	GM_M41_B1_A12	GM_M41_B1_A12_MF	
40	31222	GM_M41_B1_A12		GM_M41_B1_A12_MR
	31223	GM_M41_B1_B01	GM_M41_B1_B01_MF	
	31224	GM_M41_B1_B01		GM_M41_B1_B01_MR
	31225	GM_M41_B1_B02	GM_M41_B1_B02_MF	
	31226	GM_M41_B1_B02		GM_M41_B1_B02_MR
45	31227	GM_M41_B1_B03	GM_M41_B1_B03_MF	
	31228	GM_M41_B1_B03		GM_M41_B1_B03_MR
	31229	GM_M41_B1_B04	GM_M41_B1_B04_MF	
	31230	GM_M41_B1_B04		GM_M41_B1_B04_MR
	31231	GM_M41_B1_B05	GM_M41_B1_B05_MF	
50	31232	GM_M41_B1_B05		GM_M41_B1_B05_MR
	31233	GM_M41_B1_B06	GM_M41_B1_B06_MF	
	31234	GM_M41_B1_B06		GM_M41_B1_B06_MR
	31235	GM_M41_B1_B07	GM_M41_B1_B07_MF	
	31236	GM_M41_B1_B07		GM_M41_B1_B07_MR
55	31237	GM_M41_B1_B08	GM_M41_B1_B08_MF	

	31238	GM_M41_B1_B08		GM_M41_B1_B08_MR
	31239	GM_M41_B1_B09	GM_M41_B1_B09_MF	
	31240	GM_M41_B1_B09		GM_M41_B1_B09_MR
	31241	GM_M41_B1_B10	GM_M41_B1_B10_MF	
5	31242	GM_M41_B1_B10		GM_M41_B1_B10_MR
	31243	GM_M41_B1_B11	GM_M41_B1_B11_MF	
	31244	GM_M41_B1_B11		GM_M41_B1_B11_MR
	31245	GM_M41_B1_B12	GM_M41_B1_B12_MF	
	31246	GM_M41_B1_B12		GM_M41_B1_B12_MR
10	31247	GM_M41_B1_C01	GM_M41_B1_C01_MF	
	31248	GM_M41_B1_C01		GM_M41_B1_C01_MR
	31249	GM_M41_B1_C02	GM_M41_B1_C02_MF	
	31250	GM_M41_B1_C02		GM_M41_B1_C02_MR
	31251	GM_M41_B1_C03	GM_M41_B1_C03_MF	
15	31252	GM_M41_B1_C03		GM_M41_B1_C03_MR
	31253	GM_M41_B1_C06	GM_M41_B1_C06_MF	
	31254	GM_M41_B1_C06		GM_M41_B1_C06_MR
	31255	GM_M41_B1_C07	GM_M41_B1_C07_MF	
	31256	GM_M41_B1_C07		GM_M41_B1_C07_MR
20	31257	GM_M41_B1_C08	GM_M41_B1_C08_MF	
	31258	GM_M41_B1_C08		GM_M41_B1_C08_MR
	31259	GM_M41_B1_C09	GM_M41_B1_C09_MF	
	31260	GM_M41_B1_C09		GM_M41_B1_C09_MR
	31261	GM_M41_B1_C10	GM_M41_B1_C10_MF	
25	31262	GM_M41_B1_C10		GM_M41_B1_C10_MR
	31263	GM_M41_B1_C11	GM_M41_B1_C11_MF	
	31264	GM_M41_B1_C11		GM_M41_B1_C11_MR
	31265	GM_M41_B1_C12	GM_M41_B1_C12_MF	
	31266	GM_M41_B1_C12		GM_M41_B1_C12_MR
30	31267	GM_M41_B1_D01	GM_M41_B1_D01_MF	
	31268	GM_M41_B1_D01		GM_M41_B1_D01_MR
	31269	GM_M41_B1_D02	GM_M41_B1_D02_MF	
	31270	GM_M41_B1_D02		GM_M41_B1_D02_MR
	31271	GM_M41_B1_D04	GM_M41_B1_D04_MF	
35	31272	GM_M41_B1_D04		GM_M41_B1_D04_MR
	31273	GM_M41_B1_D05	GM_M41_B1_D05_MF	
	31274	GM_M41_B1_D05		GM_M41_B1_D05_MR
	31275	GM_M41_B1_D06	GM_M41_B1_D06_MF	
	31276	GM_M41_B1_D06		GM_M41_B1_D06_MR
40	31277	GM_M41_B1_D07	GM_M41_B1_D07_MF	
	31278	GM_M41_B1_D07		GM_M41_B1_D07_MR
	31279	GM_M41_B1_D08	GM_M41_B1_D08_MF	
	31280	GM_M41_B1_D08		GM_M41_B1_D08_MR
	31281	GM_M41_B1_D09	GM_M41_B1_D09_MF	
45	31282	GM_M41_B1_D09		GM_M41_B1_D09_MR
	31283	GM_M41_B1_D10	GM_M41_B1_D10_MF	
	31284	GM_M41_B1_D10		GM_M41_B1_D10_MR
	31285	GM_M41_B1_D11	GM_M41_B1_D11_MF	
	31286	GM_M41_B1_D11		GM_M41_B1_D11_MR
50	31287	GM_M41_B1_D12	GM_M41_B1_D12_MF	
	31288	GM_M41_B1_D12		GM_M41_B1_D12_MR
	31289	GM_M41_B1_E01	GM_M41_B1_E01_MF	
	31290	GM_M41_B1_E01		GM_M41_B1_E01_MR
	31291	GM_M41_B1_E02	GM_M41_B1_E02_MF	
55	31292	GM_M41_B1_E02		GM_M41_B1_E02_MR

	31293	GM_M41_B1_E03	GM_M41_B1_E03_MF	
	31294	GM_M41_B1_E03		GM_M41_B1_E03_MR
	31295	GM_M41_B1_E04	GM_M41_B1_E04_MF	
	31296	GM_M41_B1_E06	GM_M41_B1_E06_MF	
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	31298	GM_M41_B1_E08	GM_M41_B1_E08_MF	
	31299	GM_M41_B1_E08		GM_M41_B1_E08_MR
	31300	GM_M41_B1_E09	GM_M41_B1_E09_MF	
	31301	GM_M41_B1_E09		GM_M41_B1_E09_MR
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	31303	GM_M41_B1_E10		GM_M41_B1_E10_MR
	31304	GM_M41_B1_E11	GM_M41_B1_E11_MF	
	31305	GM_M41_B1_E11		GM_M41_B1_E11_MR
	31306	GM_M41_B1_E12	GM_M41_B1_E12_MF	
15	31307	GM_M41_B1_E12		GM_M41_B1_E12_MR
	31308	GM_M41_B1_F01	GM_M41_B1_F01_MF	
	31309	GM_M41_B1_F01		GM_M41_B1_F01_MR
	31310	GM_M41_B1_F02	GM_M41_B1_F02_MF	
	31311	GM_M41_B1_F02		GM_M41_B1_F02_MR
20	31312	GM_M41_B1_F03		GM_M41_B1_F03_MR
	31313	GM_M41_B1_F04	GM_M41_B1_F04_MF	
	31314	GM_M41_B1_F04		GM_M41_B1_F04_MR
	31315	GM_M41_B1_F05	GM_M41_B1_F05_MF	
	31316	GM_M41_B1_F05		GM_M41_B1_F05_MR
25	31317	GM_M41_B1_F06	GM_M41_B1_F06_MF	
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	31319	GM_M41_B1_F07	GM_M41_B1_F07_MF	
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	31321	GM_M41_B1_F08	GM_M41_B1_F08_MF	
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	31330	GM_M41_B1_G01	GM_M41_B1_G01_MF	
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	31334	GM_M41_B1_G03	GM_M41_B1_G03_MF	
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	31336	GM_M41_B1_G04	GM_M41_B1_G04_MF	
45	31337	GM_M41_B1_G04		GM_M41_B1_G04_MR
	31338	GM_M41_B1_G05	GM_M41_B1_G05_MF	
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	31340	GM_M41_B1_G06	GM_M41_B1_G06_MF	
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50	31342	GM_M41_B1_G07	GM_M41_B1_G07_MF	
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	31344	GM_M41_B1_G08	GM_M41_B1_G08_MF	
	31345	GM_M41_B1_G08		GM_M41_B1_G08_MR
	31346	GM_M41_B1_G09	GM_M41_B1_G09_MF	
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	31348	GM_M41_B1_G10	GM_M41_B1_G10_MF	
	31349	GM_M41_B1_G10		GM_M41_B1_G10_MR
	31350	GM_M41_B1_G11	GM_M41_B1_G11_MF	
	31351	GM_M41_B1_G11		GM_M41_B1_G11_MR
5	31352	GM_M41_B1_G12	GM_M41_B1_G12_MF	
	31353	GM_M41_B1_G12		GM_M41_B1_G12_MR
	31354	GM_M41_B1_H01	GM_M41_B1_H01_MF	
	31355	GM_M41_B1_H01		GM_M41_B1_H01_MR
	31356	GM_M41_B1_H02	GM_M41_B1_H02_MF	
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	31358	GM_M41_B1_H03	GM_M41_B1_H03_MF	
	31359	GM_M41_B1_H03		GM_M41_B1_H03_MR
	31360	GM_M41_B1_H04	GM_M41_B1_H04_MF	
	31361	GM_M41_B1_H04		GM_M41_B1_H04_MR
15	31362	GM_M41_B1_H05	GM_M41_B1_H05_MF	
	31363	GM_M41_B1_H05		GM_M41_B1_H05_MR
	31364	GM_M41_B1_H06	GM_M41_B1_H06_MF	
	31365	GM_M41_B1_H06		GM_M41_B1_H06_MR
	31366	GM_M41_B1_H07	GM_M41_B1_H07_MF	
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	31368	GM_M41_B1_H08	GM_M41_B1_H08_MF	
	31369	GM_M41_B1_H08		GM_M41_B1_H08_MR
	31370	GM_M41_B1_H09	GM_M41_B1_H09_MF	
	31371	GM_M41_B1_H09		GM_M41_B1_H09_MR
25	31372	GM_M41_B1_H10	GM_M41_B1_H10_MF	
	31373	GM_M41_B1_H10		GM_M41_B1_H10_MR
	31374	GM_M41_B1_H11	GM_M41_B1_H11_MF	
	31375	GM_M41_B1_H11		GM_M41_B1_H11_MR
	31376	GM_M41_B1_H12	GM_M41_B1_H12_MF	
30	31377	GM_M41_B1_H12		GM_M41_B1_H12_MR
	31378	GM_M41_B2_A01		GM_M41_B2_A01_MR
	31379	GM_M41_B2_A02		GM_M41_B2_A02_MR
	31380	GM_M41_B2_A03		GM_M41_B2_A03_MR
	31381	GM_M41_B2_A04		GM_M41_B2_A04_MR
35	31382	GM_M41_B2_A05		GM_M41_B2_A05_MR
	31383	GM_M41_B2_A06		GM_M41_B2_A06_MR
	31384	GM_M41_B2_A07		GM_M41_B2_A07_MR
	31385	GM_M41_B2_A08		GM_M41_B2_A08_MR
	31386	GM_M41_B2_A09		GM_M41_B2_A09_MR
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	31388	GM_M41_B2_A11		GM_M41_B2_A11_MR
	31389	GM_M41_B2_A12		GM_M41_B2_A12_MR
	31390	GM_M41_B2_B01		GM_M41_B2_B01_MR
	31391	GM_M41_B2_B02		GM_M41_B2_B02_MR
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	31393	GM_M41_B2_B05		GM_M41_B2_B05_MR
	31394	GM_M41_B2_B06		GM_M41_B2_B06_MR
	31395	GM_M41_B2_B07		GM_M41_B2_B07_MR
	31396	GM_M41_B2_B08		GM_M41_B2_B08_MR
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	31398	GM_M41_B2_B10		GM_M41_B2_B10_MR
	31399	GM_M41_B2_B11		GM_M41_B2_B11_MR
	31400	GM_M41_B2_C01		GM_M41_B2_C01_MR
	31401	GM_M41_B2_C02		GM_M41_B2_C02_MR
55	31402	GM_M41_B2_C03		GM_M41_B2_C03_MR

	31403	GM_M41_B2_C04	GM_M41_B2_C04_MR
	31404	GM_M41_B2_C05	GM_M41_B2_C05_MR
	31405	GM_M41_B2_C06	GM_M41_B2_C06_MR
	31406	GM_M41_B2_C07	GM_M41_B2_C07_MR
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	31408	GM_M41_B2_C09	GM_M41_B2_C09_MR
	31409	GM_M41_B2_C10	GM_M41_B2_C10_MR
	31410	GM_M41_B2_C11	GM_M41_B2_C11_MR
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	31413	GM_M41_B2_D02	GM_M41_B2_D02_MR
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	31429	GM_M41_B2_E07	GM_M41_B2_E07_MR
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	31434	GM_M41_B2_E12	GM_M41_B2_E12_MR
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	31439	GM_M41_B2_F05	GM_M41_B2_F05_MR
	31440	GM_M41_B2_F06	GM_M41_B2_F06_MR
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	31453	GM_M41_B2_G09	GM_M41_B2_G09_MR
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	31455	GM_M41_B2_G11	GM_M41_B2_G11_MR
	31456	GM_M41_B2_G12	GM_M41_B2_G12_MR
55	31457	GM_M41_B2_H01	GM_M41_B2_H01_MR

	31458	GM_M41_B2_H02		GM_M41_B2_H02_MR
	31459	GM_M41_B2_H03		GM_M41_B2_H03_MR
	31460	GM_M41_B2_H04		GM_M41_B2_H04_MR
	31461	GM_M41_B2_H05		GM_M41_B2_H05_MR
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	31463	GM_M41_B2_H07		GM_M41_B2_H07_MR
	31464	GM_M41_B2_H08		GM_M41_B2_H08_MR
	31465	GM_M41_B2_H09		GM_M41_B2_H09_MR
	31466	GM_M41_B2_H10		GM_M41_B2_H10_MR
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	31468	GM_M41_B2_H12		GM_M41_B2_H12_MR
	31469	GM_M42_A1_A01	GM_M42_A1_A01_MF	
	31470	GM_M42_A1_A02	GM_M42_A1_A02_MF	
	31471	GM_M42_A1_A02		GM_M42_A1_A02_MR
15	31472	GM_M42_A1_A04	GM_M42_A1_A04_MF	
	31473	GM_M42_A1_A04		GM_M42_A1_A04_MR
	31474	GM_M42_A1_A05	GM_M42_A1_A05_MF	
	31475	GM_M42_A1_A05		GM_M42_A1_A05_MR
	31476	GM_M42_A1_A06	GM_M42_A1_A06_MF	
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	31478	GM_M42_A1_A07	GM_M42_A1_A07_MF	
	31479	GM_M42_A1_A07		GM_M42_A1_A07_MR
	31480	GM_M42_A1_A08	GM_M42_A1_A08_MF	
	31481	GM_M42_A1_A08		GM_M42_A1_A08_MR
25	31482	GM_M42_A1_A09	GM_M42_A1_A09_MF	
	31483	GM_M42_A1_A09		GM_M42_A1_A09_MR
	31484	GM_M42_A1_A10	GM_M42_A1_A10_MF	
	31485	GM_M42_A1_A10		GM_M42_A1_A10_MR
	31486	GM_M42_A1_A11	GM_M42_A1_A11_MF	
30	31487	GM_M42_A1_A11		GM_M42_A1_A11_MR
	31488	GM_M42_A1_A12	GM_M42_A1_A12_MF	
	31489	GM_M42_A1_A12		GM_M42_A1_A12_MR
	31490	GM_M42_A1_B01	GM_M42_A1_B01_MF	
	31491	GM_M42_A1_B01		GM_M42_A1_B01_MR
35	31492	GM_M42_A1_B02	GM_M42_A1_B02_MF	
	31493	GM_M42_A1_B02		GM_M42_A1_B02_MR
	31494	GM_M42_A1_B03	GM_M42_A1_B03_MF	
	31495	GM_M42_A1_B03		GM_M42_A1_B03_MR
	31496	GM_M42_A1_B04	GM_M42_A1_B04_MF	
40	31497	GM_M42_A1_B04		GM_M42_A1_B04_MR
	31498	GM_M42_A1_B05	GM_M42_A1_B05_MF	
	31499	GM_M42_A1_B05		GM_M42_A1_B05_MR
	31500	GM_M42_A1_B06	GM_M42_A1_B06_MF	
	31501	GM_M42_A1_B06		GM_M42_A1_B06_MR
45	31502	GM_M42_A1_B07	GM_M42_A1_B07_MF	
	31503	GM_M42_A1_B07		GM_M42_A1_B07_MR
	31504	GM_M42_A1_B09	GM_M42_A1_B09_MF	
	31505	GM_M42_A1_B09		GM_M42_A1_B09_MR
	31506	GM_M42_A1_B10		GM_M42_A1_B10_MR
50	31507	GM_M42_A1_B11	GM_M42_A1_B11_MF	
	31508	GM_M42_A1_B11		GM_M42_A1_B11_MR
	31509	GM_M42_A1_B12	GM_M42_A1_B12_MF	
	31510	GM_M42_A1_B12		GM_M42_A1_B12_MR
	31511	GM_M42_A1_C01	GM_M42_A1_C01_MF	
55	31512	GM_M42_A1_C01		GM_M42_A1_C01_MR

	31513	GM_M42_A1_C02	GM_M42_A1_C02_MF	
	31514	GM_M42_A1_C02		GM_M42_A1_C02_MR
	31515	GM_M42_A1_C03	GM_M42_A1_C03_MF	
	31516	GM_M42_A1_C03		GM_M42_A1_C03_MR
5	31517	GM_M42_A1_C04	GM_M42_A1_C04_MF	
	31518	GM_M42_A1_C04		GM_M42_A1_C04_MR
	31519	GM_M42_A1_C05	GM_M42_A1_C05_MF	
	31520	GM_M42_A1_C05		GM_M42_A1_C05_MR
	31521	GM_M42_A1_C06	GM_M42_A1_C06_MF	
10	31522	GM_M42_A1_C06		GM_M42_A1_C06_MR
	31523	GM_M42_A1_C07	GM_M42_A1_C07_MF	
	31524	GM_M42_A1_C07		GM_M42_A1_C07_MR
	31525	GM_M42_A1_C08		GM_M42_A1_C08_MR
	31526	GM_M42_A1_C09	GM_M42_A1_C09_MF	
15	31527	GM_M42_A1_C09		GM_M42_A1_C09_MR
	31528	GM_M42_A1_C10	GM_M42_A1_C10_MF	
	31529	GM_M42_A1_C11	GM_M42_A1_C11_MF	
	31530	GM_M42_A1_C11		GM_M42_A1_C11_MR
	31531	GM_M42_A1_C12	GM_M42_A1_C12_MF	
20	31532	GM_M42_A1_C12		GM_M42_A1_C12_MR
	31533	GM_M42_A1_D01	GM_M42_A1_D01_MF	
	31534	GM_M42_A1_D01		GM_M42_A1_D01_MR
	31535	GM_M42_A1_D02	GM_M42_A1_D02_MF	
	31536	GM_M42_A1_D02		GM_M42_A1_D02_MR
25	31537	GM_M42_A1_D03	GM_M42_A1_D03_MF	
	31538	GM_M42_A1_D03		GM_M42_A1_D03_MR
	31539	GM_M42_A1_D04	GM_M42_A1_D04_MF	
	31540	GM_M42_A1_D04		GM_M42_A1_D04_MR
	31541	GM_M42_A1_D05		GM_M42_A1_D05_MR
30	31542	GM_M42_A1_D06	GM_M42_A1_D06_MF	
	31543	GM_M42_A1_D06		GM_M42_A1_D06_MR
	31544	GM_M42_A1_D07	GM_M42_A1_D07_MF	
	31545	GM_M42_A1_D07		GM_M42_A1_D07_MR
	31546	GM_M42_A1_D08	GM_M42_A1_D08_MF	
35	31547	GM_M42_A1_D09		GM_M42_A1_D09_MR
	31548	GM_M42_A1_D10	GM_M42_A1_D10_MF	
	31549	GM_M42_A1_D10		GM_M42_A1_D10_MR
	31550	GM_M42_A1_D11	GM_M42_A1_D11_MF	
	31551	GM_M42_A1_D11		GM_M42_A1_D11_MR
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	31553	GM_M42_A1_D12		GM_M42_A1_D12_MR
	31554	GM_M42_A1_E01	GM_M42_A1_E01_MF	
	31555	GM_M42_A1_E01		GM_M42_A1_E01_MR
	31556	GM_M42_A1_E03	GM_M42_A1_E03_MF	
45	31557	GM_M42_A1_E03		GM_M42_A1_E03_MR
	31558	GM_M42_A1_E04	GM_M42_A1_E04_MF	
	31559	GM_M42_A1_E04		GM_M42_A1_E04_MR
	31560	GM_M42_A1_E05		GM_M42_A1_E05_MR
	31561	GM_M42_A1_E07		GM_M42_A1_E07_MR
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	31563	GM_M42_A1_E08		GM_M42_A1_E08_MR
	31564	GM_M42_A1_E09		GM_M42_A1_E09_MR
	31565	GM_M42_A1_E10	GM_M42_A1_E10_MF	
	31566	GM_M42_A1_E10		GM_M42_A1_E10_MR
55	31567	GM_M42_A1_E11		GM_M42_A1_E11_MR

	31568	GM_M42_A1_F02		GM_M42_A1_F02_MR
	31569	GM_M42_A1_F03	GM_M42_A1_F03_MF	
	31570	GM_M42_A1_F03		GM_M42_A1_F03_MR
	31571	GM_M42_A1_F04	GM_M42_A1_F04_MF	
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	31573	GM_M42_A1_F05	GM_M42_A1_F05_MF	
	31574	GM_M42_A1_F05		GM_M42_A1_F05_MR
	31575	GM_M42_A1_F06	GM_M42_A1_F06_MF	
	31576	GM_M42_A1_F06		GM_M42_A1_F06_MR
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	31578	GM_M42_A1_F07		GM_M42_A1_F07_MR
	31579	GM_M42_A1_F08	GM_M42_A1_F08_MF	
	31580	GM_M42_A1_F08		GM_M42_A1_F08_MR
	31581	GM_M42_A1_F09	GM_M42_A1_F09_MF	
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	31583	GM_M42_A1_F11	GM_M42_A1_F11_MF	
	31584	GM_M42_A1_F11		GM_M42_A1_F11_MR
	31585	GM_M42_A1_F12	GM_M42_A1_F12_MF	
	31586	GM_M42_A1_F12		GM_M42_A1_F12_MR
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	31588	GM_M42_A1_G01		GM_M42_A1_G01_MR
	31589	GM_M42_A1_G02		GM_M42_A1_G02_MR
	31590	GM_M42_A1_G04	GM_M42_A1_G04_MF	
	31591	GM_M42_A1_G04		GM_M42_A1_G04_MR
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	31593	GM_M42_A1_G05		GM_M42_A1_G05_MR
	31594	GM_M42_A1_G06	GM_M42_A1_G06_MF	
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	31596	GM_M42_A1_G07	GM_M42_A1_G07_MF	
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	31604	GM_M42_A1_G12	GM_M42_A1_G12_MF	
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	31606	GM_M42_A1_H01	GM_M42_A1_H01_MF	
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	31608	GM_M42_A1_H02	GM_M42_A1_H02_MF	
	31609	GM_M42_A1_H02		GM_M42_A1_H02_MR
	31610	GM_M42_A1_H03	GM_M42_A1_H03_MF	
	31611	GM_M42_A1_H03		GM_M42_A1_H03_MR
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	31613	GM_M42_A1_H04		GM_M42_A1_H04_MR
	31614	GM_M42_A1_H06		GM_M42_A1_H06_MR
	31615	GM_M42_A1_H07	GM_M42_A1_H07_MF	
	31616	GM_M42_A1_H07		GM_M42_A1_H07_MR
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	31618	GM_M42_A1_H08		GM_M42_A1_H08_MR
	31619	GM_M42_A1_H09	GM_M42_A1_H09_MF	
	31620	GM_M42_A1_H09		GM_M42_A1_H09_MR
	31621	GM_M42_A1_H10	GM_M42_A1_H10_MF	
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	31623	GM_M42_A1_H11	GM_M42_A1_H11_MR
	31624	GM_M42_A1_H12	GM_M42_A1_H12_MF
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	31626	GM_M42_B1_A01	GM_M42_B1_A01_MF
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	31628	GM_M42_B1_A03	GM_M42_B1_A03_MF
	31629	GM_M42_B1_A04	GM_M42_B1_A04_MF
	31630	GM_M42_B1_A05	GM_M42_B1_A05_MF
	31631	GM_M42_B1_A06	GM_M42_B1_A06_MF
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	31634	GM_M42_B1_A10	GM_M42_B1_A10_MF
	31635	GM_M42_B1_A11	GM_M42_B1_A11_MF
	31636	GM_M42_B1_A12	GM_M42_B1_A12_MF
15	31637	GM_M42_B1_B01	GM_M42_B1_B01_MF
	31638	GM_M42_B1_B02	GM_M42_B1_B02_MF
	31639	GM_M42_B1_B03	GM_M42_B1_B03_MF
	31640	GM_M42_B1_B04	GM_M42_B1_B04_MF
	31641	GM_M42_B1_B05	GM_M42_B1_B05_MF
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	31643	GM_M42_B1_B09	GM_M42_B1_B09_MF
	31644	GM_M42_B1_B11	GM_M42_B1_B11_MF
	31645	GM_M42_B1_B12	GM_M42_B1_B12_MF
	31646	GM_M42_B1_C01	GM_M42_B1_C01_MF
25	31647	GM_M42_B1_C02	GM_M42_B1_C02_MF
	31648	GM_M42_B1_C03	GM_M42_B1_C03_MF
	31649	GM_M42_B1_C04	GM_M42_B1_C04_MF
	31650	GM_M42_B1_C05	GM_M42_B1_C05_MF
	31651	GM_M42_B1_C07	GM_M42_B1_C07_MF
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	31653	GM_M42_B1_C09	GM_M42_B1_C09_MF
	31654	GM_M42_B1_C10	GM_M42_B1_C10_MF
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	31656	GM_M42_B1_C12	GM_M42_B1_C12_MF
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	31659	GM_M42_B1_D03	GM_M42_B1_D03_MF
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	31661	GM_M42_B1_D08	GM_M42_B1_D08_MF
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	31671	GM_M42_B1_E07	GM_M42_B1_E07_MF
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	31673	GM_M42_B1_E09	GM_M42_B1_E09_MF
	31674	GM_M42_B1_E10	GM_M42_B1_E10_MF
	31675	GM_M42_B1_E11	GM_M42_B1_E11_MF
	31676	GM_M42_B1_E12	GM_M42_B1_E12_MF
55	31677	GM_M42_B1_F01	GM_M42_B1_F01_MF

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	31679	GM_M42_B1_F03	GM_M42_B1_F03_MF	
	31680	GM_M42_B1_F04	GM_M42_B1_F04_MF	
	31681	GM_M42_B1_F05	GM_M42_B1_F05_MF	
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	31685	GM_M42_B1_F09	GM_M42_B1_F09_MF	
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	31689	GM_M42_B1_G02	GM_M42_B1_G02_MF	
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	31701	GM_M42_B1_H04	GM_M42_B1_H04_MF	
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	31709	GM_M43_A1_A05		GM_M43_A1_A05_MR
	31710	GM_M43_A1_A08	GM_M43_A1_A08_MF	
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	31721	GM_M43_A1_B02	GM_M43_A1_B02_MF	
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	31726	GM_M43_A1_B04		GM_M43_A1_B04_MR
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	31729	GM_M43_A1_B06	GM_M43_A1_B06_MF	
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	31731	GM_M43_A1_B07	GM_M43_A1_B07_MF	
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	31734	GM_M43_A1_B08		GM_M43_A1_B08_MR
	31735	GM_M43_A1_B09	GM_M43_A1_B09_MF	
	31736	GM_M43_A1_B09		GM_M43_A1_B09_MR
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	31740	GM_M43_A1_B11		GM_M43_A1_B11_MR
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	31743	GM_M43_A1_C01	GM_M43_A1_C01_MF	
	31744	GM_M43_A1_C01		GM_M43_A1_C01_MR
	31745	GM_M43_A1_C02	GM_M43_A1_C02_MF	
	31746	GM_M43_A1_C02		GM_M43_A1_C02_MR
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	31748	GM_M43_A1_C03		GM_M43_A1_C03_MR
	31749	GM_M43_A1_C04	GM_M43_A1_C04_MF	
	31750	GM_M43_A1_C04		GM_M43_A1_C04_MR
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	31752	GM_M43_A1_C05		GM_M43_A1_C05_MR
	31753	GM_M43_A1_C06	GM_M43_A1_C06_MF	
	31754	GM_M43_A1_C06		GM_M43_A1_C06_MR
	31755	GM_M43_A1_C07	GM_M43_A1_C07_MF	
	31756	GM_M43_A1_C07		GM_M43_A1_C07_MR
25	31757	GM_M43_A1_C08	GM_M43_A1_C08_MF	
	31758	GM_M43_A1_C08		GM_M43_A1_C08_MR
	31759	GM_M43_A1_C09	GM_M43_A1_C09_MF	
	31760	GM_M43_A1_C09		GM_M43_A1_C09_MR
30	31761	GM_M43_A1_C10	GM_M43_A1_C10_MF	
	31762	GM_M43_A1_C10		GM_M43_A1_C10_MR
	31763	GM_M43_A1_C11	GM_M43_A1_C11_MF	
	31764	GM_M43_A1_C11		GM_M43_A1_C11_MR
	31765	GM_M43_A1_D01	GM_M43_A1_D01_MF	
	31766	GM_M43_A1_D01		GM_M43_A1_D01_MR
35	31767	GM_M43_A1_D02	GM_M43_A1_D02_MF	
	31768	GM_M43_A1_D02		GM_M43_A1_D02_MR
	31769	GM_M43_A1_D04	GM_M43_A1_D04_MF	
	31770	GM_M43_A1_D04		GM_M43_A1_D04_MR
40	31771	GM_M43_A1_D05	GM_M43_A1_D05_MF	
	31772	GM_M43_A1_D05		GM_M43_A1_D05_MR
	31773	GM_M43_A1_D06	GM_M43_A1_D06_MF	
	31774	GM_M43_A1_D06		GM_M43_A1_D06_MR
	31775	GM_M43_A1_D07	GM_M43_A1_D07_MF	
	31776	GM_M43_A1_D07		GM_M43_A1_D07_MR
45	31777	GM_M43_A1_D08	GM_M43_A1_D08_MF	
	31778	GM_M43_A1_D08		GM_M43_A1_D08_MR
	31779	GM_M43_A1_D09	GM_M43_A1_D09_MF	
	31780	GM_M43_A1_D09		GM_M43_A1_D09_MR
50	31781	GM_M43_A1_D10	GM_M43_A1_D10_MF	
	31782	GM_M43_A1_D10		GM_M43_A1_D10_MR
	31783	GM_M43_A1_D11	GM_M43_A1_D11_MF	
	31784	GM_M43_A1_D11		GM_M43_A1_D11_MR
	31785	GM_M43_A1_D12		GM_M43_A1_D12_MR
	31786	GM_M43_A1_E02	GM_M43_A1_E02_MF	
55	31787	GM_M43_A1_E02		GM_M43_A1_E02_MR

	31788	GM_M43_A1_E03	GM_M43_A1_E03_MF	
	31789	GM_M43_A1_E03		GM_M43_A1_E03_MR
	31790	GM_M43_A1_E04	GM_M43_A1_E04_MF	
	31791	GM_M43_A1_E04		GM_M43_A1_E04_MR
5	31792	GM_M43_A1_E06	GM_M43_A1_E06_MF	
	31793	GM_M43_A1_E06		GM_M43_A1_E06_MR
	31794	GM_M43_A1_E08	GM_M43_A1_E08_MF	
	31795	GM_M43_A1_E08		GM_M43_A1_E08_MR
	31796	GM_M43_A1_E09	GM_M43_A1_E09_MF	
10	31797	GM_M43_A1_E09		GM_M43_A1_E09_MR
	31798	GM_M43_A1_E10	GM_M43_A1_E10_MF	
	31799	GM_M43_A1_E10		GM_M43_A1_E10_MR
	31800	GM_M43_A1_E11	GM_M43_A1_E11_MF	
	31801	GM_M43_A1_E11		GM_M43_A1_E11_MR
15	31802	GM_M43_A1_E12	GM_M43_A1_E12_MF	
	31803	GM_M43_A1_E12		GM_M43_A1_E12_MR
	31804	GM_M43_A1_F01	GM_M43_A1_F01_MF	
	31805	GM_M43_A1_F01		GM_M43_A1_F01_MR
	31806	GM_M43_A1_F02	GM_M43_A1_F02_MF	
20	31807	GM_M43_A1_F02		GM_M43_A1_F02_MR
	31808	GM_M43_A1_F03	GM_M43_A1_F03_MF	
	31809	GM_M43_A1_F03		GM_M43_A1_F03_MR
	31810	GM_M43_A1_F04	GM_M43_A1_F04_MF	
	31811	GM_M43_A1_F04		GM_M43_A1_F04_MR
25	31812	GM_M43_A1_F05	GM_M43_A1_F05_MF	
	31813	GM_M43_A1_F05		GM_M43_A1_F05_MR
	31814	GM_M43_A1_F06	GM_M43_A1_F06_MF	
	31815	GM_M43_A1_F06		GM_M43_A1_F06_MR
	31816	GM_M43_A1_F07	GM_M43_A1_F07_MF	
30	31817	GM_M43_A1_F07		GM_M43_A1_F07_MR
	31818	GM_M43_A1_F08	GM_M43_A1_F08_MF	
	31819	GM_M43_A1_F08		GM_M43_A1_F08_MR
	31820	GM_M43_A1_F09	GM_M43_A1_F09_MF	
	31821	GM_M43_A1_F09		GM_M43_A1_F09_MR
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	31824	GM_M43_A1_F11	GM_M43_A1_F11_MF	
	31825	GM_M43_A1_F11		GM_M43_A1_F11_MR
	31826	GM_M43_A1_F12	GM_M43_A1_F12_MF	
40	31827	GM_M43_A1_F12		GM_M43_A1_F12_MR
	31828	GM_M43_A1_G02	GM_M43_A1_G02_MF	
	31829	GM_M43_A1_G02		GM_M43_A1_G02_MR
	31830	GM_M43_A1_G03	GM_M43_A1_G03_MF	
	31831	GM_M43_A1_G03		GM_M43_A1_G03_MR
45	31832	GM_M43_A1_G04	GM_M43_A1_G04_MF	
	31833	GM_M43_A1_G04		GM_M43_A1_G04_MR
	31834	GM_M43_A1_G05	GM_M43_A1_G05_MF	
	31835	GM_M43_A1_G05		GM_M43_A1_G05_MR
	31836	GM_M43_A1_G06	GM_M43_A1_G06_MF	
50	31837	GM_M43_A1_G06		GM_M43_A1_G06_MR
	31838	GM_M43_A1_G07	GM_M43_A1_G07_MF	
	31839	GM_M43_A1_G07		GM_M43_A1_G07_MR
	31840	GM_M43_A1_G08	GM_M43_A1_G08_MF	
	31841	GM_M43_A1_G08		GM_M43_A1_G08_MR
55	31842	GM_M43_A1_G09	GM_M43_A1_G09_MF	

	31843	GM_M43_A1_G09		GM_M43_A1_G09_MR
	31844	GM_M43_A1_G10	GM_M43_A1_G10_MF	
	31845	GM_M43_A1_G10		GM_M43_A1_G10_MR
	31846	GM_M43_A1_G11	GM_M43_A1_G11_MF	
5	31847	GM_M43_A1_G11		GM_M43_A1_G11_MR
	31848	GM_M43_A1_G12	GM_M43_A1_G12_MF	
	31849	GM_M43_A1_G12		GM_M43_A1_G12_MR
	31850	GM_M43_A1_H01	GM_M43_A1_H01_MF	
	31851	GM_M43_A1_H01		GM_M43_A1_H01_MR
10	31852	GM_M43_A1_H02	GM_M43_A1_H02_MF	
	31853	GM_M43_A1_H02		GM_M43_A1_H02_MR
	31854	GM_M43_A1_H03	GM_M43_A1_H03_MF	
	31855	GM_M43_A1_H03		GM_M43_A1_H03_MR
	31856	GM_M43_A1_H04	GM_M43_A1_H04_MF	
15	31857	GM_M43_A1_H04		GM_M43_A1_H04_MR
	31858	GM_M43_A1_H05	GM_M43_A1_H05_MF	
	31859	GM_M43_A1_H05		GM_M43_A1_H05_MR
	31860	GM_M43_A1_H06	GM_M43_A1_H06_MF	
	31861	GM_M43_A1_H06		GM_M43_A1_H06_MR
20	31862	GM_M43_A1_H07	GM_M43_A1_H07_MF	
	31863	GM_M43_A1_H07		GM_M43_A1_H07_MR
	31864	GM_M43_A1_H08	GM_M43_A1_H08_MF	
	31865	GM_M43_A1_H08		GM_M43_A1_H08_MR
	31866	GM_M43_A1_H09	GM_M43_A1_H09_MF	
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	31868	GM_M43_A1_H10	GM_M43_A1_H10_MF	
	31869	GM_M43_A1_H10		GM_M43_A1_H10_MR
	31870	GM_M43_A1_H11		GM_M43_A1_H11_MR
	31871	GM_M43_A1_H12	GM_M43_A1_H12_MF	
30	31872	GM_M43_A1_H12		GM_M43_A1_H12_MR
	31873	GM_M43_A2_A02	GM_M43_A2_A02_MF	
	31874	GM_M43_A2_A02		GM_M43_A2_A02_MR
	31875	GM_M43_A2_A03	GM_M43_A2_A03_MF	
	31876	GM_M43_A2_A03		GM_M43_A2_A03_MR
35	31877	GM_M43_A2_A04	GM_M43_A2_A04_MF	
	31878	GM_M43_A2_A04		GM_M43_A2_A04_MR
	31879	GM_M43_A2_A05	GM_M43_A2_A05_MF	
	31880	GM_M43_A2_A05		GM_M43_A2_A05_MR
	31881	GM_M43_A2_A06	GM_M43_A2_A06_MF	
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	31883	GM_M43_A2_A07	GM_M43_A2_A07_MF	
	31884	GM_M43_A2_A07		GM_M43_A2_A07_MR
	31885	GM_M43_A2_A08	GM_M43_A2_A08_MF	
	31886	GM_M43_A2_A08		GM_M43_A2_A08_MR
45	31887	GM_M43_A2_A09	GM_M43_A2_A09_MF	
	31888	GM_M43_A2_A09		GM_M43_A2_A09_MR
	31889	GM_M43_A2_A10	GM_M43_A2_A10_MF	
	31890	GM_M43_A2_A10		GM_M43_A2_A10_MR
	31891	GM_M43_A2_A11	GM_M43_A2_A11_MF	
50	31892	GM_M43_A2_A11		GM_M43_A2_A11_MR
	31893	GM_M43_A2_A12	GM_M43_A2_A12_MF	
	31894	GM_M43_A2_A12		GM_M43_A2_A12_MR
	31895	GM_M43_A2_B01	GM_M43_A2_B01_MF	
	31896	GM_M43_A2_B01		GM_M43_A2_B01_MR
55	31897	GM_M43_A2_B02	GM_M43_A2_B02_MF	

	31898	GM_M43_A2_B02		GM_M43_A2_B02_MR
	31899	GM_M43_A2_B03	GM_M43_A2_B03_MF	
	31900	GM_M43_A2_B03		GM_M43_A2_B03_MR
	31901	GM_M43_A2_B04	GM_M43_A2_B04_MF	
5	31902	GM_M43_A2_B04		GM_M43_A2_B04_MR
	31903	GM_M43_A2_B05	GM_M43_A2_B05_MF	
	31904	GM_M43_A2_B05		GM_M43_A2_B05_MR
	31905	GM_M43_A2_B06	GM_M43_A2_B06_MF	
	31906	GM_M43_A2_B06		GM_M43_A2_B06_MR
10	31907	GM_M43_A2_B07	GM_M43_A2_B07_MF	
	31908	GM_M43_A2_B07		GM_M43_A2_B07_MR
	31909	GM_M43_A2_B08	GM_M43_A2_B08_MF	
	31910	GM_M43_A2_B09	GM_M43_A2_B09_MF	
	31911	GM_M43_A2_B09		GM_M43_A2_B09_MR
15	31912	GM_M43_A2_B10	GM_M43_A2_B10_MF	
	31913	GM_M43_A2_B10		GM_M43_A2_B10_MR
	31914	GM_M43_A2_B11	GM_M43_A2_B11_MF	
	31915	GM_M43_A2_B12	GM_M43_A2_B12_MF	
	31916	GM_M43_A2_B12		GM_M43_A2_B12_MR
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	31918	GM_M43_A2_C01		GM_M43_A2_C01_MR
	31919	GM_M43_A2_C02	GM_M43_A2_C02_MF	
	31920	GM_M43_A2_C02		GM_M43_A2_C02_MR
	31921	GM_M43_A2_C04	GM_M43_A2_C04_MF	
25	31922	GM_M43_A2_C04		GM_M43_A2_C04_MR
	31923	GM_M43_A2_C05	GM_M43_A2_C05_MF	
	31924	GM_M43_A2_C05		GM_M43_A2_C05_MR
	31925	GM_M43_A2_C06	GM_M43_A2_C06_MF	
	31926	GM_M43_A2_C06		GM_M43_A2_C06_MR
30	31927	GM_M43_A2_C07	GM_M43_A2_C07_MF	
	31928	GM_M43_A2_C07		GM_M43_A2_C07_MR
	31929	GM_M43_A2_C09	GM_M43_A2_C09_MF	
	31930	GM_M43_A2_C09		GM_M43_A2_C09_MR
	31931	GM_M43_A2_C10	GM_M43_A2_C10_MF	
35	31932	GM_M43_A2_C10		GM_M43_A2_C10_MR
	31933	GM_M43_A2_C11	GM_M43_A2_C11_MF	
	31934	GM_M43_A2_C11		GM_M43_A2_C11_MR
	31935	GM_M43_A2_C12	GM_M43_A2_C12_MF	
	31936	GM_M43_A2_C12		GM_M43_A2_C12_MR
40	31937	GM_M43_A2_D01	GM_M43_A2_D01_MF	
	31938	GM_M43_A2_D01		GM_M43_A2_D01_MR
	31939	GM_M43_A2_D02	GM_M43_A2_D02_MF	
	31940	GM_M43_A2_D02		GM_M43_A2_D02_MR
	31941	GM_M43_A2_D03	GM_M43_A2_D03_MF	
45	31942	GM_M43_A2_D03		GM_M43_A2_D03_MR
	31943	GM_M43_A2_D04	GM_M43_A2_D04_MF	
	31944	GM_M43_A2_D04		GM_M43_A2_D04_MR
	31945	GM_M43_A2_D05	GM_M43_A2_D05_MF	
	31946	GM_M43_A2_D05		GM_M43_A2_D05_MR
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	31949	GM_M43_A2_D07	GM_M43_A2_D07_MF	
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	31951	GM_M43_A2_D09	GM_M43_A2_D09_MF	
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	31955	GM_M43_A2_D11	GM_M43_A2_D11_MF	
	31956	GM_M43_A2_D11		GM_M43_A2_D11_MR
5	31957	GM_M43_A2_D12	GM_M43_A2_D12_MF	
	31958	GM_M43_A2_E02	GM_M43_A2_E02_MF	
	31959	GM_M43_A2_E02		GM_M43_A2_E02_MR
	31960	GM_M43_A2_E03	GM_M43_A2_E03_MF	
	31961	GM_M43_A2_E03		GM_M43_A2_E03_MR
10	31962	GM_M43_A2_E04	GM_M43_A2_E04_MF	
	31963	GM_M43_A2_E04		GM_M43_A2_E04_MR
	31964	GM_M43_A2_E05	GM_M43_A2_E05_MF	
	31965	GM_M43_A2_E05		GM_M43_A2_E05_MR
	31966	GM_M43_A2_E06	GM_M43_A2_E06_MF	
15	31967	GM_M43_A2_E06		GM_M43_A2_E06_MR
	31968	GM_M43_A2_E08	GM_M43_A2_E08_MF	
	31969	GM_M43_A2_E08		GM_M43_A2_E08_MR
	31970	GM_M43_A2_E10	GM_M43_A2_E10_MF	
	31971	GM_M43_A2_E10		GM_M43_A2_E10_MR
20	31972	GM_M43_A2_E11	GM_M43_A2_E11_MF	
	31973	GM_M43_A2_E11		GM_M43_A2_E11_MR
	31974	GM_M43_A2_E12	GM_M43_A2_E12_MF	
	31975	GM_M43_A2_E12		GM_M43_A2_E12_MR
	31976	GM_M43_A2_F01	GM_M43_A2_F01_MF	
25	31977	GM_M43_A2_F01		GM_M43_A2_F01_MR
	31978	GM_M43_A2_F02	GM_M43_A2_F02_MF	
	31979	GM_M43_A2_F02		GM_M43_A2_F02_MR
	31980	GM_M43_A2_F03	GM_M43_A2_F03_MF	
	31981	GM_M43_A2_F03		GM_M43_A2_F03_MR
30	31982	GM_M43_A2_F04	GM_M43_A2_F04_MF	
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	31984	GM_M43_A2_F05	GM_M43_A2_F05_MF	
	31985	GM_M43_A2_F05		GM_M43_A2_F05_MR
	31986	GM_M43_A2_F06	GM_M43_A2_F06_MF	
35	31987	GM_M43_A2_F06		GM_M43_A2_F06_MR
	31988	GM_M43_A2_F07	GM_M43_A2_F07_MF	
	31989	GM_M43_A2_F07		GM_M43_A2_F07_MR
	31990	GM_M43_A2_F08	GM_M43_A2_F08_MF	
	31991	GM_M43_A2_F08		GM_M43_A2_F08_MR
40	31992	GM_M43_A2_F09	GM_M43_A2_F09_MF	
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	31994	GM_M43_A2_F10	GM_M43_A2_F10_MF	
	31995	GM_M43_A2_F10		GM_M43_A2_F10_MR
	31996	GM_M43_A2_F11	GM_M43_A2_F11_MF	
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	31998	GM_M43_A2_F12	GM_M43_A2_F12_MF	
	31999	GM_M43_A2_F12		GM_M43_A2_F12_MR
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	32001	GM_M43_A2_G02		GM_M43_A2_G02_MR
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	32004	GM_M43_A2_G04	GM_M43_A2_G04_MF	
	32005	GM_M43_A2_G04		GM_M43_A2_G04_MR
	32006	GM_M43_A2_G05	GM_M43_A2_G05_MF	
55	32007	GM_M43_A2_G05		GM_M43_A2_G05_MR

	32008	GM_M43_A2_G07	GM_M43_A2_G07_MF	
	32009	GM_M43_A2_G07		GM_M43_A2_G07_MR
	32010	GM_M43_A2_G08	GM_M43_A2_G08_MF	
	32011	GM_M43_A2_G09		GM_M43_A2_G09_MR
5	32012	GM_M43_A2_G10	GM_M43_A2_G10_MF	
	32013	GM_M43_A2_G10		GM_M43_A2_G10_MR
	32014	GM_M43_A2_G11	GM_M43_A2_G11_MF	
	32015	GM_M43_A2_G11		GM_M43_A2_G11_MR
	32016	GM_M43_A2_G12	GM_M43_A2_G12_MF	
10	32017	GM_M43_A2_G12		GM_M43_A2_G12_MR
	32018	GM_M43_A2_H01	GM_M43_A2_H01_MF	
	32019	GM_M43_A2_H01		GM_M43_A2_H01_MR
	32020	GM_M43_A2_H03	GM_M43_A2_H03_MF	
	32021	GM_M43_A2_H03		GM_M43_A2_H03_MR
15	32022	GM_M43_A2_H04	GM_M43_A2_H04_MF	
	32023	GM_M43_A2_H04		GM_M43_A2_H04_MR
	32024	GM_M43_A2_H05	GM_M43_A2_H05_MF	
	32025	GM_M43_A2_H05		GM_M43_A2_H05_MR
	32026	GM_M43_A2_H06	GM_M43_A2_H06_MF	
20	32027	GM_M43_A2_H06		GM_M43_A2_H06_MR
	32028	GM_M43_A2_H07	GM_M43_A2_H07_MF	
	32029	GM_M43_A2_H08	GM_M43_A2_H08_MF	
	32030	GM_M43_A2_H08		GM_M43_A2_H08_MR
	32031	GM_M43_A2_H09	GM_M43_A2_H09_MF	
25	32032	GM_M43_A2_H09		GM_M43_A2_H09_MR
	32033	GM_M43_A2_H10	GM_M43_A2_H10_MF	
	32034	GM_M43_A2_H10		GM_M43_A2_H10_MR
	32035	GM_M43_A2_H11	GM_M43_A2_H11_MF	
	32036	GM_M43_A2_H11		GM_M43_A2_H11_MR
30	32037	GM_M43_A2_H12	GM_M43_A2_H12_MF	
	32038	GM_M43_A2_H12		GM_M43_A2_H12_MR
	32039	GM_M43_B1_A01	GM_M43_B1_A01_MF	
	32040	GM_M43_B1_A02	GM_M43_B1_A02_MF	
	32041	GM_M43_B1_A02		GM_M43_B1_A02_MR
35	32042	GM_M43_B1_A03	GM_M43_B1_A03_MF	
	32043	GM_M43_B1_A03		GM_M43_B1_A03_MR
	32044	GM_M43_B1_A04	GM_M43_B1_A04_MF	
	32045	GM_M43_B1_A04		GM_M43_B1_A04_MR
	32046	GM_M43_B1_A05	GM_M43_B1_A05_MF	
40	32047	GM_M43_B1_A05		GM_M43_B1_A05_MR
	32048	GM_M43_B1_A06	GM_M43_B1_A06_MF	
	32049	GM_M43_B1_A06		GM_M43_B1_A06_MR
	32050	GM_M43_B1_A07	GM_M43_B1_A07_MF	
	32051	GM_M43_B1_A07		GM_M43_B1_A07_MR
45	32052	GM_M43_B1_A08	GM_M43_B1_A08_MF	
	32053	GM_M43_B1_A08		GM_M43_B1_A08_MR
	32054	GM_M43_B1_A09	GM_M43_B1_A09_MF	
	32055	GM_M43_B1_A09		GM_M43_B1_A09_MR
	32056	GM_M43_B1_A10	GM_M43_B1_A10_MF	
50	32057	GM_M43_B1_A10		GM_M43_B1_A10_MR
	32058	GM_M43_B1_A11	GM_M43_B1_A11_MF	
	32059	GM_M43_B1_A11		GM_M43_B1_A11_MR
	32060	GM_M43_B1_A12	GM_M43_B1_A12_MF	
	32061	GM_M43_B1_A12		GM_M43_B1_A12_MR
55	32062	GM_M43_B1_B01	GM_M43_B1_B01_MF	

	32063	GM_M43_B1_B01		GM_M43_B1_B01_MR
	32064	GM_M43_B1_B02	GM_M43_B1_B02_MF	
	32065	GM_M43_B1_B02		GM_M43_B1_B02_MR
	32066	GM_M43_B1_B03	GM_M43_B1_B03_MF	
5	32067	GM_M43_B1_B03		GM_M43_B1_B03_MR
	32068	GM_M43_B1_B04	GM_M43_B1_B04_MF	
	32069	GM_M43_B1_B04		GM_M43_B1_B04_MR
	32070	GM_M43_B1_B05	GM_M43_B1_B05_MF	
	32071	GM_M43_B1_B05		GM_M43_B1_B05_MR
10	32072	GM_M43_B1_B06	GM_M43_B1_B06_MF	
	32073	GM_M43_B1_B06		GM_M43_B1_B06_MR
	32074	GM_M43_B1_B07	GM_M43_B1_B07_MF	
	32075	GM_M43_B1_B07		GM_M43_B1_B07_MR
	32076	GM_M43_B1_B08	GM_M43_B1_B08_MF	
15	32077	GM_M43_B1_B08		GM_M43_B1_B08_MR
	32078	GM_M43_B1_B09	GM_M43_B1_B09_MF	
	32079	GM_M43_B1_B09		GM_M43_B1_B09_MR
	32080	GM_M43_B1_B10	GM_M43_B1_B10_MF	
	32081	GM_M43_B1_B10		GM_M43_B1_B10_MR
20	32082	GM_M43_B1_B11	GM_M43_B1_B11_MF	
	32083	GM_M43_B1_B11		GM_M43_B1_B11_MR
	32084	GM_M43_B1_B12	GM_M43_B1_B12_MF	
	32085	GM_M43_B1_B12		GM_M43_B1_B12_MR
	32086	GM_M43_B1_C01	GM_M43_B1_C01_MF	
25	32087	GM_M43_B1_C01		GM_M43_B1_C01_MR
	32088	GM_M43_B1_C02	GM_M43_B1_C02_MF	
	32089	GM_M43_B1_C02		GM_M43_B1_C02_MR
	32090	GM_M43_B1_C03	GM_M43_B1_C03_MF	
	32091	GM_M43_B1_C03		GM_M43_B1_C03_MR
30	32092	GM_M43_B1_C04	GM_M43_B1_C04_MF	
	32093	GM_M43_B1_C04		GM_M43_B1_C04_MR
	32094	GM_M43_B1_C05	GM_M43_B1_C05_MF	
	32095	GM_M43_B1_C05		GM_M43_B1_C05_MR
	32096	GM_M43_B1_C06	GM_M43_B1_C06_MF	
35	32097	GM_M43_B1_C06		GM_M43_B1_C06_MR
	32098	GM_M43_B1_C07	GM_M43_B1_C07_MF	
	32099	GM_M43_B1_C07		GM_M43_B1_C07_MR
	32100	GM_M43_B1_C08	GM_M43_B1_C08_MF	
	32101	GM_M43_B1_C08		GM_M43_B1_C08_MR
40	32102	GM_M43_B1_C09	GM_M43_B1_C09_MF	
	32103	GM_M43_B1_C09		GM_M43_B1_C09_MR
	32104	GM_M43_B1_C10	GM_M43_B1_C10_MF	
	32105	GM_M43_B1_C10		GM_M43_B1_C10_MR
	32106	GM_M43_B1_C11	GM_M43_B1_C11_MF	
45	32107	GM_M43_B1_C11		GM_M43_B1_C11_MR
	32108	GM_M43_B1_C12	GM_M43_B1_C12_MF	
	32109	GM_M43_B1_C12		GM_M43_B1_C12_MR
	32110	GM_M43_B1_D01	GM_M43_B1_D01_MF	
	32111	GM_M43_B1_D02	GM_M43_B1_D02_MF	
50	32112	GM_M43_B1_D02		GM_M43_B1_D02_MR
	32113	GM_M43_B1_D03	GM_M43_B1_D03_MF	
	32114	GM_M43_B1_D03		GM_M43_B1_D03_MR
	32115	GM_M43_B1_D04	GM_M43_B1_D04_MF	
	32116	GM_M43_B1_D04		GM_M43_B1_D04_MR
55	32117	GM_M43_B1_D05	GM_M43_B1_D05_MF	

	32118	GM_M43_B1_D05		GM_M43_B1_D05_MR
	32119	GM_M43_B1_D06	GM_M43_B1_D06_MF	
	32120	GM_M43_B1_D06		GM_M43_B1_D06_MR
	32121	GM_M43_B1_D07	GM_M43_B1_D07_MF	
5	32122	GM_M43_B1_D07		GM_M43_B1_D07_MR
	32123	GM_M43_B1_D08		GM_M43_B1_D08_MR
	32124	GM_M43_B1_D09	GM_M43_B1_D09_MF	
	32125	GM_M43_B1_D09		GM_M43_B1_D09_MR
	32126	GM_M43_B1_D10	GM_M43_B1_D10_MF	
10	32127	GM_M43_B1_D12		GM_M43_B1_D12_MR
	32128	GM_M43_B1_E01	GM_M43_B1_E01_MF	
	32129	GM_M43_B1_E01		GM_M43_B1_E01_MR
	32130	GM_M43_B1_E02	GM_M43_B1_E02_MF	
	32131	GM_M43_B1_E02		GM_M43_B1_E02_MR
15	32132	GM_M43_B1_E03	GM_M43_B1_E03_MF	
	32133	GM_M43_B1_E03		GM_M43_B1_E03_MR
	32134	GM_M43_B1_E04	GM_M43_B1_E04_MF	
	32135	GM_M43_B1_E04		GM_M43_B1_E04_MR
	32136	GM_M43_B1_E05	GM_M43_B1_E05_MF	
20	32137	GM_M43_B1_E05		GM_M43_B1_E05_MR
	32138	GM_M43_B1_E06	GM_M43_B1_E06_MF	
	32139	GM_M43_B1_E06		GM_M43_B1_E06_MR
	32140	GM_M43_B1_E07	GM_M43_B1_E07_MF	
	32141	GM_M43_B1_E07		GM_M43_B1_E07_MR
25	32142	GM_M43_B1_E08	GM_M43_B1_E08_MF	
	32143	GM_M43_B1_E08		GM_M43_B1_E08_MR
	32144	GM_M43_B1_E09	GM_M43_B1_E09_MF	
	32145	GM_M43_B1_E09		GM_M43_B1_E09_MR
	32146	GM_M43_B1_E10	GM_M43_B1_E10_MF	
30	32147	GM_M43_B1_E10		GM_M43_B1_E10_MR
	32148	GM_M43_B1_E11	GM_M43_B1_E11_MF	
	32149	GM_M43_B1_E11		GM_M43_B1_E11_MR
	32150	GM_M43_B1_E12	GM_M43_B1_E12_MF	
	32151	GM_M43_B1_E12		GM_M43_B1_E12_MR
35	32152	GM_M43_B1_F01	GM_M43_B1_F01_MF	
	32153	GM_M43_B1_F01		GM_M43_B1_F01_MR
	32154	GM_M43_B1_F02	GM_M43_B1_F02_MF	
	32155	GM_M43_B1_F02		GM_M43_B1_F02_MR
	32156	GM_M43_B1_F03	GM_M43_B1_F03_MF	
40	32157	GM_M43_B1_F03		GM_M43_B1_F03_MR
	32158	GM_M43_B1_F04	GM_M43_B1_F04_MF	
	32159	GM_M43_B1_F04		GM_M43_B1_F04_MR
	32160	GM_M43_B1_F05	GM_M43_B1_F05_MF	
	32161	GM_M43_B1_F05		GM_M43_B1_F05_MR
45	32162	GM_M43_B1_F06	GM_M43_B1_F06_MF	
	32163	GM_M43_B1_F06		GM_M43_B1_F06_MR
	32164	GM_M43_B1_F07	GM_M43_B1_F07_MF	
	32165	GM_M43_B1_F07		GM_M43_B1_F07_MR
	32166	GM_M43_B1_F08	GM_M43_B1_F08_MF	
50	32167	GM_M43_B1_F08		GM_M43_B1_F08_MR
	32168	GM_M43_B1_F09	GM_M43_B1_F09_MF	
	32169	GM_M43_B1_F09		GM_M43_B1_F09_MR
	32170	GM_M43_B1_F10	GM_M43_B1_F10_MF	
	32171	GM_M43_B1_F10		GM_M43_B1_F10_MR
55	32172	GM_M43_B1_F11	GM_M43_B1_F11_MF	

	32173	GM_M43_B1_F11		GM_M43_B1_F11_MR
	32174	GM_M43_B1_F12	GM_M43_B1_F12_MF	
	32175	GM_M43_B1_F12		GM_M43_B1_F12_MR
	32176	GM_M43_B1_G01	GM_M43_B1_G01_MF	
5	32177	GM_M43_B1_G01		GM_M43_B1_G01_MR
	32178	GM_M43_B1_G02	GM_M43_B1_G02_MF	
	32179	GM_M43_B1_G02		GM_M43_B1_G02_MR
	32180	GM_M43_B1_G03	GM_M43_B1_G03_MF	
	32181	GM_M43_B1_G03		GM_M43_B1_G03_MR
10	32182	GM_M43_B1_G04	GM_M43_B1_G04_MF	
	32183	GM_M43_B1_G04		GM_M43_B1_G04_MR
	32184	GM_M43_B1_G05	GM_M43_B1_G05_MF	
	32185	GM_M43_B1_G05		GM_M43_B1_G05_MR
	32186	GM_M43_B1_G06	GM_M43_B1_G06_MF	
15	32187	GM_M43_B1_G06		GM_M43_B1_G06_MR
	32188	GM_M43_B1_G07	GM_M43_B1_G07_MF	
	32189	GM_M43_B1_G07		GM_M43_B1_G07_MR
	32190	GM_M43_B1_G08	GM_M43_B1_G08_MF	
	32191	GM_M43_B1_G08		GM_M43_B1_G08_MR
20	32192	GM_M43_B1_G10	GM_M43_B1_G10_MF	
	32193	GM_M43_B1_G10		GM_M43_B1_G10_MR
	32194	GM_M43_B1_G11	GM_M43_B1_G11_MF	
	32195	GM_M43_B1_G11		GM_M43_B1_G11_MR
	32196	GM_M43_B1_H02	GM_M43_B1_H02_MF	
25	32197	GM_M43_B1_H05		GM_M43_B1_H05_MR
	32198	GM_M43_B1_H06	GM_M43_B1_H06_MF	
	32199	GM_M43_B1_H06		GM_M43_B1_H06_MR
	32200	GM_M43_B1_H07	GM_M43_B1_H07_MF	
	32201	GM_M43_B1_H07		GM_M43_B1_H07_MR
30	32202	GM_M43_B1_H08		GM_M43_B1_H08_MR
	32203	GM_M43_B1_H09		GM_M43_B1_H09_MR
	32204	GM_M43_B1_H10		GM_M43_B1_H10_MR
	32205	GM_M43_B1_H12	GM_M43_B1_H12_MF	
	32206	GM_M43_B1_H12		GM_M43_B1_H12_MR
35	32207	GM_M43_B2_A02	GM_M43_B2_A02_MF	
	32208	GM_M43_B2_A02		GM_M43_B2_A02_MR
	32209	GM_M43_B2_A03	GM_M43_B2_A03_MF	
	32210	GM_M43_B2_A03		GM_M43_B2_A03_MR
	32211	GM_M43_B2_A04	GM_M43_B2_A04_MF	
40	32212	GM_M43_B2_A04		GM_M43_B2_A04_MR
	32213	GM_M43_B2_A05	GM_M43_B2_A05_MF	
	32214	GM_M43_B2_A05		GM_M43_B2_A05_MR
	32215	GM_M43_B2_A06	GM_M43_B2_A06_MF	
	32216	GM_M43_B2_A07	GM_M43_B2_A07_MF	
45	32217	GM_M43_B2_A07		GM_M43_B2_A07_MR
	32218	GM_M43_B2_A08	GM_M43_B2_A08_MF	
	32219	GM_M43_B2_A08		GM_M43_B2_A08_MR
	32220	GM_M43_B2_A09	GM_M43_B2_A09_MF	
	32221	GM_M43_B2_A10	GM_M43_B2_A10_MF	
50	32222	GM_M43_B2_A10		GM_M43_B2_A10_MR
	32223	GM_M43_B2_A11	GM_M43_B2_A11_MF	
	32224	GM_M43_B2_A11		GM_M43_B2_A11_MR
	32225	GM_M43_B2_A12	GM_M43_B2_A12_MF	
	32226	GM_M43_B2_A12		GM_M43_B2_A12_MR
55	32227	GM_M43_B2_B01	GM_M43_B2_B01_MF	

	32228	GM_M43_B2_B02	GM_M43_B2_B02_MF	
	32229	GM_M43_B2_B02		GM_M43_B2_B02_MR
	32230	GM_M43_B2_B03	GM_M43_B2_B03_MF	
	32231	GM_M43_B2_B03		GM_M43_B2_B03_MR
5	32232	GM_M43_B2_B04	GM_M43_B2_B04_MF	
	32233	GM_M43_B2_B04		GM_M43_B2_B04_MR
	32234	GM_M43_B2_B05	GM_M43_B2_B05_MF	
	32235	GM_M43_B2_B05		GM_M43_B2_B05_MR
	32236	GM_M43_B2_B06	GM_M43_B2_B06_MF	
10	32237	GM_M43_B2_B06		GM_M43_B2_B06_MR
	32238	GM_M43_B2_B07	GM_M43_B2_B07_MF	
	32239	GM_M43_B2_B07		GM_M43_B2_B07_MR
	32240	GM_M43_B2_B08	GM_M43_B2_B08_MF	
	32241	GM_M43_B2_B08		GM_M43_B2_B08_MR
15	32242	GM_M43_B2_B09	GM_M43_B2_B09_MF	
	32243	GM_M43_B2_B09		GM_M43_B2_B09_MR
	32244	GM_M43_B2_B10	GM_M43_B2_B10_MF	
	32245	GM_M43_B2_B10		GM_M43_B2_B10_MR
	32246	GM_M43_B2_B11	GM_M43_B2_B11_MF	
20	32247	GM_M43_B2_B11		GM_M43_B2_B11_MR
	32248	GM_M43_B2_B12	GM_M43_B2_B12_MF	
	32249	GM_M43_B2_B12		GM_M43_B2_B12_MR
	32250	GM_M43_B2_C01	GM_M43_B2_C01_MF	
	32251	GM_M43_B2_C01		GM_M43_B2_C01_MR
25	32252	GM_M43_B2_C02	GM_M43_B2_C02_MF	
	32253	GM_M43_B2_C03	GM_M43_B2_C03_MF	
	32254	GM_M43_B2_C03		GM_M43_B2_C03_MR
	32255	GM_M43_B2_C05	GM_M43_B2_C05_MF	
	32256	GM_M43_B2_C05		GM_M43_B2_C05_MR
30	32257	GM_M43_B2_C06	GM_M43_B2_C06_MF	
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	32259	GM_M43_B2_C07	GM_M43_B2_C07_MF	
	32260	GM_M43_B2_C07		GM_M43_B2_C07_MR
	32261	GM_M43_B2_C08	GM_M43_B2_C08_MF	
35	32262	GM_M43_B2_C08		GM_M43_B2_C08_MR
	32263	GM_M43_B2_C09	GM_M43_B2_C09_MF	
	32264	GM_M43_B2_C09		GM_M43_B2_C09_MR
	32265	GM_M43_B2_C10	GM_M43_B2_C10_MF	
	32266	GM_M43_B2_C10		GM_M43_B2_C10_MR
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	32269	GM_M43_B2_C12	GM_M43_B2_C12_MF	
	32270	GM_M43_B2_C12		GM_M43_B2_C12_MR
	32271	GM_M43_B2_D01	GM_M43_B2_D01_MF	
45	32272	GM_M43_B2_D01		GM_M43_B2_D01_MR
	32273	GM_M43_B2_D02	GM_M43_B2_D02_MF	
	32274	GM_M43_B2_D03	GM_M43_B2_D03_MF	
	32275	GM_M43_B2_D03		GM_M43_B2_D03_MR
	32276	GM_M43_B2_D04	GM_M43_B2_D04_MF	
50	32277	GM_M43_B2_D04		GM_M43_B2_D04_MR
	32278	GM_M43_B2_D05	GM_M43_B2_D05_MF	
	32279	GM_M43_B2_D05		GM_M43_B2_D05_MR
	32280	GM_M43_B2_D06	GM_M43_B2_D06_MF	
	32281	GM_M43_B2_D06		GM_M43_B2_D06_MR
55	32282	GM_M43_B2_D07	GM_M43_B2_D07_MF	

	32283	GM_M43_B2_D07		GM_M43_B2_D07_MR
	32284	GM_M43_B2_D08	GM_M43_B2_D08_MF	
	32285	GM_M43_B2_D08		GM_M43_B2_D08_MR
	32286	GM_M43_B2_D09	GM_M43_B2_D09_MF	
5	32287	GM_M43_B2_D09		GM_M43_B2_D09_MR
	32288	GM_M43_B2_D10	GM_M43_B2_D10_MF	
	32289	GM_M43_B2_D10		GM_M43_B2_D10_MR
	32290	GM_M43_B2_D11	GM_M43_B2_D11_MF	
	32291	GM_M43_B2_D11		GM_M43_B2_D11_MR
10	32292	GM_M43_B2_D12	GM_M43_B2_D12_MF	
	32293	GM_M43_B2_D12		GM_M43_B2_D12_MR
	32294	GM_M43_B2_E01	GM_M43_B2_E01_MF	
	32295	GM_M43_B2_E01		GM_M43_B2_E01_MR
	32296	GM_M43_B2_E02	GM_M43_B2_E02_MF	
15	32297	GM_M43_B2_E02		GM_M43_B2_E02_MR
	32298	GM_M43_B2_E03	GM_M43_B2_E03_MF	
	32299	GM_M43_B2_E03		GM_M43_B2_E03_MR
	32300	GM_M43_B2_E04	GM_M43_B2_E04_MF	
	32301	GM_M43_B2_E04		GM_M43_B2_E04_MR
20	32302	GM_M43_B2_E06	GM_M43_B2_E06_MF	
	32303	GM_M43_B2_E07	GM_M43_B2_E07_MF	
	32304	GM_M43_B2_E07		GM_M43_B2_E07_MR
	32305	GM_M43_B2_E08	GM_M43_B2_E08_MF	
	32306	GM_M43_B2_E08		GM_M43_B2_E08_MR
25	32307	GM_M43_B2_E09	GM_M43_B2_E09_MF	
	32308	GM_M43_B2_E09		GM_M43_B2_E09_MR
	32309	GM_M43_B2_E10		GM_M43_B2_E10_MR
	32310	GM_M43_B2_E11	GM_M43_B2_E11_MF	
	32311	GM_M43_B2_E11		GM_M43_B2_E11_MR
30	32312	GM_M43_B2_E12	GM_M43_B2_E12_MF	
	32313	GM_M43_B2_E12		GM_M43_B2_E12_MR
	32314	GM_M43_B2_F01	GM_M43_B2_F01_MF	
	32315	GM_M43_B2_F01		GM_M43_B2_F01_MR
	32316	GM_M43_B2_F02	GM_M43_B2_F02_MF	
35	32317	GM_M43_B2_F02		GM_M43_B2_F02_MR
	32318	GM_M43_B2_F03	GM_M43_B2_F03_MF	
	32319	GM_M43_B2_F03		GM_M43_B2_F03_MR
	32320	GM_M43_B2_F04	GM_M43_B2_F04_MF	
	32321	GM_M43_B2_F04		GM_M43_B2_F04_MR
40	32322	GM_M43_B2_F05	GM_M43_B2_F05_MF	
	32323	GM_M43_B2_F05		GM_M43_B2_F05_MR
	32324	GM_M43_B2_F06	GM_M43_B2_F06_MF	
	32325	GM_M43_B2_F06		GM_M43_B2_F06_MR
	32326	GM_M43_B2_F07	GM_M43_B2_F07_MF	
45	32327	GM_M43_B2_F07		GM_M43_B2_F07_MR
	32328	GM_M43_B2_F08	GM_M43_B2_F08_MF	
	32329	GM_M43_B2_F08		GM_M43_B2_F08_MR
	32330	GM_M43_B2_F09	GM_M43_B2_F09_MF	
	32331	GM_M43_B2_F09		GM_M43_B2_F09_MR
50	32332	GM_M43_B2_F10		GM_M43_B2_F10_MR
	32333	GM_M43_B2_F11	GM_M43_B2_F11_MF	
	32334	GM_M43_B2_F11		GM_M43_B2_F11_MR
	32335	GM_M43_B2_F12	GM_M43_B2_F12_MF	
	32336	GM_M43_B2_F12		GM_M43_B2_F12_MR
55	32337	GM_M43_B2_G01	GM_M43_B2_G01_MF	

	32338	GM_M43_B2_G02	GM_M43_B2_G02_MF	
	32339	GM_M43_B2_G02		GM_M43_B2_G02_MR
	32340	GM_M43_B2_G03	GM_M43_B2_G03_MF	
	32341	GM_M43_B2_G03		GM_M43_B2_G03_MR
5	32342	GM_M43_B2_G04	GM_M43_B2_G04_MF	
	32343	GM_M43_B2_G04		GM_M43_B2_G04_MR
	32344	GM_M43_B2_G05	GM_M43_B2_G05_MF	
	32345	GM_M43_B2_G05		GM_M43_B2_G05_MR
	32346	GM_M43_B2_G06	GM_M43_B2_G06_MF	
10	32347	GM_M43_B2_G06		GM_M43_B2_G06_MR
	32348	GM_M43_B2_G07	GM_M43_B2_G07_MF	
	32349	GM_M43_B2_G07		GM_M43_B2_G07_MR
	32350	GM_M43_B2_G08	GM_M43_B2_G08_MF	
	32351	GM_M43_B2_G08		GM_M43_B2_G08_MR
15	32352	GM_M43_B2_G09	GM_M43_B2_G09_MF	
	32353	GM_M43_B2_G09		GM_M43_B2_G09_MR
	32354	GM_M43_B2_G10	GM_M43_B2_G10_MF	
	32355	GM_M43_B2_G10		GM_M43_B2_G10_MR
	32356	GM_M43_B2_G11	GM_M43_B2_G11_MF	
20	32357	GM_M43_B2_G11		GM_M43_B2_G11_MR
	32358	GM_M43_B2_G12	GM_M43_B2_G12_MF	
	32359	GM_M43_B2_G12		GM_M43_B2_G12_MR
	32360	GM_M43_B2_H01	GM_M43_B2_H01_MF	
	32361	GM_M43_B2_H01		GM_M43_B2_H01_MR
25	32362	GM_M43_B2_H02	GM_M43_B2_H02_MF	
	32363	GM_M43_B2_H02		GM_M43_B2_H02_MR
	32364	GM_M43_B2_H03	GM_M43_B2_H03_MF	
	32365	GM_M43_B2_H03		GM_M43_B2_H03_MR
	32366	GM_M43_B2_H04	GM_M43_B2_H04_MF	
30	32367	GM_M43_B2_H04		GM_M43_B2_H04_MR
	32368	GM_M43_B2_H05	GM_M43_B2_H05_MF	
	32369	GM_M43_B2_H05		GM_M43_B2_H05_MR
	32370	GM_M43_B2_H06	GM_M43_B2_H06_MF	
	32371	GM_M43_B2_H06		GM_M43_B2_H06_MR
35	32372	GM_M43_B2_H07	GM_M43_B2_H07_MF	
	32373	GM_M43_B2_H07		GM_M43_B2_H07_MR
	32374	GM_M43_B2_H08	GM_M43_B2_H08_MF	
	32375	GM_M43_B2_H08		GM_M43_B2_H08_MR
	32376	GM_M43_B2_H09	GM_M43_B2_H09_MF	
40	32377	GM_M43_B2_H09		GM_M43_B2_H09_MR
	32378	GM_M43_B2_H10	GM_M43_B2_H10_MF	
	32379	GM_M43_B2_H10		GM_M43_B2_H10_MR
	32380	GM_M43_B2_H11	GM_M43_B2_H11_MF	
	32381	GM_M43_B2_H11		GM_M43_B2_H11_MR
45	32382	GM_M43_B2_H12	GM_M43_B2_H12_MF	
	32383	GM_M43_B2_H12		GM_M43_B2_H12_MR
	32384	GM_M44_A1_A01	GM_M44_A1_A01_MF	
	32385	GM_M44_A1_A02	GM_M44_A1_A02_MF	
	32386	GM_M44_A1_A02		GM_M44_A1_A02_MR
50	32387	GM_M44_A1_A04	GM_M44_A1_A04_MF	
	32388	GM_M44_A1_A04		GM_M44_A1_A04_MR
	32389	GM_M44_A1_A05	GM_M44_A1_A05_MF	
	32390	GM_M44_A1_A05		GM_M44_A1_A05_MR
	32391	GM_M44_A1_A06	GM_M44_A1_A06_MF	
55	32392	GM_M44_A1_A06		GM_M44_A1_A06_MR

	32393	GM_M44_A1_A07	GM_M44_A1_A07_MF	
	32394	GM_M44_A1_A07		GM_M44_A1_A07_MR
	32395	GM_M44_A1_A08	GM_M44_A1_A08_MF	
	32396	GM_M44_A1_A08		GM_M44_A1_A08_MR
5	32397	GM_M44_A1_A09	GM_M44_A1_A09_MF	
	32398	GM_M44_A1_A09		GM_M44_A1_A09_MR
	32399	GM_M44_A1_A10	GM_M44_A1_A10_MF	
	32400	GM_M44_A1_A10		GM_M44_A1_A10_MR
	32401	GM_M44_A1_A11	GM_M44_A1_A11_MF	
10	32402	GM_M44_A1_A11		GM_M44_A1_A11_MR
	32403	GM_M44_A1_A12	GM_M44_A1_A12_MF	
	32404	GM_M44_A1_A12		GM_M44_A1_A12_MR
	32405	GM_M44_A1_B01	GM_M44_A1_B01_MF	
	32406	GM_M44_A1_B01		GM_M44_A1_B01_MR
15	32407	GM_M44_A1_B02	GM_M44_A1_B02_MF	
	32408	GM_M44_A1_B02		GM_M44_A1_B02_MR
	32409	GM_M44_A1_B03	GM_M44_A1_B03_MF	
	32410	GM_M44_A1_B03		GM_M44_A1_B03_MR
	32411	GM_M44_A1_B04		GM_M44_A1_B04_MR
20	32412	GM_M44_A1_B05	GM_M44_A1_B05_MF	
	32413	GM_M44_A1_B05		GM_M44_A1_B05_MR
	32414	GM_M44_A1_B07	GM_M44_A1_B07_MF	
	32415	GM_M44_A1_B07		GM_M44_A1_B07_MR
	32416	GM_M44_A1_B08	GM_M44_A1_B08_MF	
25	32417	GM_M44_A1_B08		GM_M44_A1_B08_MR
	32418	GM_M44_A1_B09	GM_M44_A1_B09_MF	
	32419	GM_M44_A1_B09		GM_M44_A1_B09_MR
	32420	GM_M44_A1_B11	GM_M44_A1_B11_MF	
	32421	GM_M44_A1_B11		GM_M44_A1_B11_MR
30	32422	GM_M44_A1_B12	GM_M44_A1_B12_MF	
	32423	GM_M44_A1_B12		GM_M44_A1_B12_MR
	32424	GM_M44_A1_C03	GM_M44_A1_C03_MF	
	32425	GM_M44_A1_C03		GM_M44_A1_C03_MR
	32426	GM_M44_A1_C04	GM_M44_A1_C04_MF	
35	32427	GM_M44_A1_C04		GM_M44_A1_C04_MR
	32428	GM_M44_A1_C05	GM_M44_A1_C05_MF	
	32429	GM_M44_A1_C05		GM_M44_A1_C05_MR
	32430	GM_M44_A1_C06	GM_M44_A1_C06_MF	
	32431	GM_M44_A1_C06		GM_M44_A1_C06_MR
40	32432	GM_M44_A1_C07	GM_M44_A1_C07_MF	
	32433	GM_M44_A1_C07		GM_M44_A1_C07_MR
	32434	GM_M44_A1_C08	GM_M44_A1_C08_MF	
	32435	GM_M44_A1_C08		GM_M44_A1_C08_MR
	32436	GM_M44_A1_C09	GM_M44_A1_C09_MF	
45	32437	GM_M44_A1_C09		GM_M44_A1_C09_MR
	32438	GM_M44_A1_C10	GM_M44_A1_C10_MF	
	32439	GM_M44_A1_C10		GM_M44_A1_C10_MR
	32440	GM_M44_A1_C11	GM_M44_A1_C11_MF	
	32441	GM_M44_A1_C11		GM_M44_A1_C11_MR
50	32442	GM_M44_A1_C12	GM_M44_A1_C12_MF	
	32443	GM_M44_A1_C12		GM_M44_A1_C12_MR
	32444	GM_M44_A1_D01	GM_M44_A1_D01_MF	
	32445	GM_M44_A1_D01		GM_M44_A1_D01_MR
	32446	GM_M44_A1_D02	GM_M44_A1_D02_MF	
55	32447	GM_M44_A1_D02		GM_M44_A1_D02_MR

	32448	GM_M44_A1_D03	GM_M44_A1_D03_MF	
	32449	GM_M44_A1_D03		GM_M44_A1_D03_MR
	32450	GM_M44_A1_D04	GM_M44_A1_D04_MF	
	32451	GM_M44_A1_D04		GM_M44_A1_D04_MR
5	32452	GM_M44_A1_D05	GM_M44_A1_D05_MF	
	32453	GM_M44_A1_D05		GM_M44_A1_D05_MR
	32454	GM_M44_A1_D06	GM_M44_A1_D06_MF	
	32455	GM_M44_A1_D06		GM_M44_A1_D06_MR
	32456	GM_M44_A1_D07	GM_M44_A1_D07_MF	
10	32457	GM_M44_A1_D07		GM_M44_A1_D07_MR
	32458	GM_M44_A1_D08	GM_M44_A1_D08_MF	
	32459	GM_M44_A1_D08		GM_M44_A1_D08_MR
	32460	GM_M44_A1_D09	GM_M44_A1_D09_MF	
	32461	GM_M44_A1_D09		GM_M44_A1_D09_MR
15	32462	GM_M44_A1_D10	GM_M44_A1_D10_MF	
	32463	GM_M44_A1_D10		GM_M44_A1_D10_MR
	32464	GM_M44_A1_D11	GM_M44_A1_D11_MF	
	32465	GM_M44_A1_D11		GM_M44_A1_D11_MR
	32466	GM_M44_A1_D12	GM_M44_A1_D12_MF	
20	32467	GM_M44_A1_D12		GM_M44_A1_D12_MR
	32468	GM_M44_A1_E01	GM_M44_A1_E01_MF	
	32469	GM_M44_A1_E01		GM_M44_A1_E01_MR
	32470	GM_M44_A1_E02	GM_M44_A1_E02_MF	
	32471	GM_M44_A1_E02		GM_M44_A1_E02_MR
25	32472	GM_M44_A1_E03	GM_M44_A1_E03_MF	
	32473	GM_M44_A1_E03		GM_M44_A1_E03_MR
	32474	GM_M44_A1_E04	GM_M44_A1_E04_MF	
	32475	GM_M44_A1_E04		GM_M44_A1_E04_MR
	32476	GM_M44_A1_E05	GM_M44_A1_E05_MF	
30	32477	GM_M44_A1_E05		GM_M44_A1_E05_MR
	32478	GM_M44_A1_E07	GM_M44_A1_E07_MF	
	32479	GM_M44_A1_E07		GM_M44_A1_E07_MR
	32480	GM_M44_A1_E09	GM_M44_A1_E09_MF	
	32481	GM_M44_A1_E09		GM_M44_A1_E09_MR
35	32482	GM_M44_A1_E10	GM_M44_A1_E10_MF	
	32483	GM_M44_A1_E10		GM_M44_A1_E10_MR
	32484	GM_M44_A1_E11	GM_M44_A1_E11_MF	
	32485	GM_M44_A1_E11		GM_M44_A1_E11_MR
	32486	GM_M44_A1_E12	GM_M44_A1_E12_MF	
40	32487	GM_M44_A1_E12		GM_M44_A1_E12_MR
	32488	GM_M44_A1_F01	GM_M44_A1_F01_MF	
	32489	GM_M44_A1_F01		GM_M44_A1_F01_MR
	32490	GM_M44_A1_F02	GM_M44_A1_F02_MF	
	32491	GM_M44_A1_F02		GM_M44_A1_F02_MR
45	32492	GM_M44_A1_F04	GM_M44_A1_F04_MF	
	32493	GM_M44_A1_F04		GM_M44_A1_F04_MR
	32494	GM_M44_A1_F05	GM_M44_A1_F05_MF	
	32495	GM_M44_A1_F05		GM_M44_A1_F05_MR
	32496	GM_M44_A1_F06	GM_M44_A1_F06_MF	
50	32497	GM_M44_A1_F06		GM_M44_A1_F06_MR
	32498	GM_M44_A1_F07	GM_M44_A1_F07_MF	
	32499	GM_M44_A1_F07		GM_M44_A1_F07_MR
	32500	GM_M44_A1_F08	GM_M44_A1_F08_MF	
	32501	GM_M44_A1_F08		GM_M44_A1_F08_MR
55	32502	GM_M44_A1_F09	GM_M44_A1_F09_MF	

	32503	GM_M44_A1_F09		GM_M44_A1_F09_MR
	32504	GM_M44_A1_F12	GM_M44_A1_F12_MF	
	32505	GM_M44_A1_F12		GM_M44_A1_F12_MR
	32506	GM_M44_A1_G02	GM_M44_A1_G02_MF	
5	32507	GM_M44_A1_G04	GM_M44_A1_G04_MF	
	32508	GM_M44_A1_G04		GM_M44_A1_G04_MR
	32509	GM_M44_A1_G05	GM_M44_A1_G05_MF	
	32510	GM_M44_A1_G05		GM_M44_A1_G05_MR
	32511	GM_M44_A1_G07	GM_M44_A1_G07_MF	
10	32512	GM_M44_A1_G07		GM_M44_A1_G07_MR
	32513	GM_M44_A1_G08	GM_M44_A1_G08_MF	
	32514	GM_M44_A1_G08		GM_M44_A1_G08_MR
	32515	GM_M44_A1_G09	GM_M44_A1_G09_MF	
	32516	GM_M44_A1_G09		GM_M44_A1_G09_MR
15	32517	GM_M44_A1_G11	GM_M44_A1_G11_MF	
	32518	GM_M44_A1_G11		GM_M44_A1_G11_MR
	32519	GM_M44_A1_G12	GM_M44_A1_G12_MF	
	32520	GM_M44_A1_G12		GM_M44_A1_G12_MR
	32521	GM_M44_A1_H01	GM_M44_A1_H01_MF	
20	32522	GM_M44_A1_H01		GM_M44_A1_H01_MR
	32523	GM_M44_A1_H02	GM_M44_A1_H02_MF	
	32524	GM_M44_A1_H02		GM_M44_A1_H02_MR
	32525	GM_M44_A1_H03	GM_M44_A1_H03_MF	
	32526	GM_M44_A1_H03		GM_M44_A1_H03_MR
25	32527	GM_M44_A1_H04	GM_M44_A1_H04_MF	
	32528	GM_M44_A1_H04		GM_M44_A1_H04_MR
	32529	GM_M44_A1_H05	GM_M44_A1_H05_MF	
	32530	GM_M44_A1_H05		GM_M44_A1_H05_MR
	32531	GM_M44_A1_H06	GM_M44_A1_H06_MF	
30	32532	GM_M44_A1_H06		GM_M44_A1_H06_MR
	32533	GM_M44_A1_H07	GM_M44_A1_H07_MF	
	32534	GM_M44_A1_H07		GM_M44_A1_H07_MR
	32535	GM_M44_A1_H08	GM_M44_A1_H08_MF	
	32536	GM_M44_A1_H08		GM_M44_A1_H08_MR
35	32537	GM_M44_A1_H09	GM_M44_A1_H09_MF	
	32538	GM_M44_A1_H09		GM_M44_A1_H09_MR
	32539	GM_M44_A1_H10	GM_M44_A1_H10_MF	
	32540	GM_M44_A1_H10		GM_M44_A1_H10_MR
	32541	GM_M44_A1_H11	GM_M44_A1_H11_MF	
40	32542	GM_M44_A1_H11		GM_M44_A1_H11_MR
	32543	GM_M44_A1_H12	GM_M44_A1_H12_MF	
	32544	GM_M44_A1_H12		GM_M44_A1_H12_MR
	32545	GM_M44_A2_A03		GM_M44_A2_A03_MR
	32546	GM_M44_A2_A04		GM_M44_A2_A04_MR
45	32547	GM_M44_A2_A08		GM_M44_A2_A08_MR
	32548	GM_M44_A2_A10		GM_M44_A2_A10_MR
	32549	GM_M44_A2_A11		GM_M44_A2_A11_MR
	32550	GM_M44_A2_A12		GM_M44_A2_A12_MR
	32551	GM_M44_A2_B01		GM_M44_A2_B01_MR
50	32552	GM_M44_A2_B02		GM_M44_A2_B02_MR
	32553	GM_M44_A2_B03		GM_M44_A2_B03_MR
	32554	GM_M44_A2_B04		GM_M44_A2_B04_MR
	32555	GM_M44_A2_B05		GM_M44_A2_B05_MR
	32556	GM_M44_A2_B06		GM_M44_A2_B06_MR
55	32557	GM_M44_A2_B07		GM_M44_A2_B07_MR

	32558	GM_M44_A2_B08	GM_M44_A2_B08_MR
	32559	GM_M44_A2_B09	GM_M44_A2_B09_MR
	32560	GM_M44_A2_B11	GM_M44_A2_B11_MR
	32561	GM_M44_A2_B12	GM_M44_A2_B12_MR
5	32562	GM_M44_A2_C01	GM_M44_A2_C01_MR
	32563	GM_M44_A2_C02	GM_M44_A2_C02_MR
	32564	GM_M44_A2_C03	GM_M44_A2_C03_MR
	32565	GM_M44_A2_C04	GM_M44_A2_C04_MR
	32566	GM_M44_A2_C05	GM_M44_A2_C05_MR
10	32567	GM_M44_A2_C06	GM_M44_A2_C06_MR
	32568	GM_M44_A2_C07	GM_M44_A2_C07_MR
	32569	GM_M44_A2_C08	GM_M44_A2_C08_MR
	32570	GM_M44_A2_C09	GM_M44_A2_C09_MR
	32571	GM_M44_A2_C10	GM_M44_A2_C10_MR
15	32572	GM_M44_A2_C11	GM_M44_A2_C11_MR
	32573	GM_M44_A2_C12	GM_M44_A2_C12_MR
	32574	GM_M44_A2_D01	GM_M44_A2_D01_MR
	32575	GM_M44_A2_D02	GM_M44_A2_D02_MR
	32576	GM_M44_A2_D03	GM_M44_A2_D03_MR
20	32577	GM_M44_A2_D04	GM_M44_A2_D04_MR
	32578	GM_M44_A2_D05	GM_M44_A2_D05_MR
	32579	GM_M44_A2_D06	GM_M44_A2_D06_MR
	32580	GM_M44_A2_D07	GM_M44_A2_D07_MR
	32581	GM_M44_A2_D08	GM_M44_A2_D08_MR
25	32582	GM_M44_A2_D09	GM_M44_A2_D09_MR
	32583	GM_M44_A2_D10	GM_M44_A2_D10_MR
	32584	GM_M44_A2_D11	GM_M44_A2_D11_MR
	32585	GM_M44_A2_D12	GM_M44_A2_D12_MR
	32586	GM_M44_A2_E01	GM_M44_A2_E01_MR
30	32587	GM_M44_A2_E02	GM_M44_A2_E02_MR
	32588	GM_M44_A2_E03	GM_M44_A2_E03_MR
	32589	GM_M44_A2_E07	GM_M44_A2_E07_MR
	32590	GM_M44_A2_E08	GM_M44_A2_E08_MR
	32591	GM_M44_A2_E09	GM_M44_A2_E09_MR
35	32592	GM_M44_A2_E10	GM_M44_A2_E10_MR
	32593	GM_M44_A2_E11	GM_M44_A2_E11_MR
	32594	GM_M44_A2_E12	GM_M44_A2_E12_MR
	32595	GM_M44_A2_F02	GM_M44_A2_F02_MR
	32596	GM_M44_A2_F03	GM_M44_A2_F03_MR
40	32597	GM_M44_A2_F04	GM_M44_A2_F04_MR
	32598	GM_M44_A2_F05	GM_M44_A2_F05_MR
	32599	GM_M44_A2_F06	GM_M44_A2_F06_MR
	32600	GM_M44_A2_F07	GM_M44_A2_F07_MR
	32601	GM_M44_A2_F08	GM_M44_A2_F08_MR
45	32602	GM_M44_A2_F09	GM_M44_A2_F09_MR
	32603	GM_M44_A2_F10	GM_M44_A2_F10_MR
	32604	GM_M44_A2_F11	GM_M44_A2_F11_MR
	32605	GM_M44_A2_F12	GM_M44_A2_F12_MR
	32606	GM_M44_A2_G01	GM_M44_A2_G01_MR
50	32607	GM_M44_A2_G02	GM_M44_A2_G02_MR
	32608	GM_M44_A2_G03	GM_M44_A2_G03_MR
	32609	GM_M44_A2_G04	GM_M44_A2_G04_MR
	32610	GM_M44_A2_G05	GM_M44_A2_G05_MR
	32611	GM_M44_A2_G06	GM_M44_A2_G06_MR
55	32612	GM_M44_A2_G07	GM_M44_A2_G07_MR

	32613	GM_M44_A2_G08	GM_M44_A2_G08_MR
	32614	GM_M44_A2_G09	GM_M44_A2_G09_MR
	32615	GM_M44_A2_G10	GM_M44_A2_G10_MR
	32616	GM_M44_A2_G11	GM_M44_A2_G11_MR
5	32617	GM_M44_A2_G12	GM_M44_A2_G12_MR
	32618	GM_M44_A2_H01	GM_M44_A2_H01_MR
	32619	GM_M44_A2_H02	GM_M44_A2_H02_MR
	32620	GM_M44_A2_H04	GM_M44_A2_H04_MR
	32621	GM_M44_A2_H05	GM_M44_A2_H05_MR
10	32622	GM_M44_A2_H06	GM_M44_A2_H06_MR
	32623	GM_M44_A2_H07	GM_M44_A2_H07_MR
	32624	GM_M44_A2_H08	GM_M44_A2_H08_MR
	32625	GM_M44_A2_H09	GM_M44_A2_H09_MR
	32626	GM_M44_A2_H10	GM_M44_A2_H10_MR
15	32627	GM_M44_A2_H11	GM_M44_A2_H11_MR
	32628	GM_M44_A2_H12	GM_M44_A2_H12_MR
	32629	GM_M44_B1_A01	GM_M44_B1_A01_MF
	32630	GM_M44_B1_A02	GM_M44_B1_A02_MF
	32631	GM_M44_B1_A03	GM_M44_B1_A03_MF
20	32632	GM_M44_B1_A04	GM_M44_B1_A04_MF
	32633	GM_M44_B1_A05	GM_M44_B1_A05_MF
	32634	GM_M44_B1_A06	GM_M44_B1_A06_MF
	32635	GM_M44_B1_A08	GM_M44_B1_A08_MF
	32636	GM_M44_B1_A09	GM_M44_B1_A09_MF
25	32637	GM_M44_B1_A10	GM_M44_B1_A10_MF
	32638	GM_M44_B1_A12	GM_M44_B1_A12_MF
	32639	GM_M44_B1_B01	GM_M44_B1_B01_MF
	32640	GM_M44_B1_B02	GM_M44_B1_B02_MF
	32641	GM_M44_B1_B03	GM_M44_B1_B03_MF
30	32642	GM_M44_B1_B04	GM_M44_B1_B04_MF
	32643	GM_M44_B1_B05	GM_M44_B1_B05_MF
	32644	GM_M44_B1_B06	GM_M44_B1_B06_MF
	32645	GM_M44_B1_B07	GM_M44_B1_B07_MF
	32646	GM_M44_B1_B08	GM_M44_B1_B08_MF
35	32647	GM_M44_B1_B09	GM_M44_B1_B09_MF
	32648	GM_M44_B1_B10	GM_M44_B1_B10_MF
	32649	GM_M44_B1_B11	GM_M44_B1_B11_MF
	32650	GM_M44_B1_B12	GM_M44_B1_B12_MF
	32651	GM_M44_B1_C01	GM_M44_B1_C01_MF
40	32652	GM_M44_B1_C02	GM_M44_B1_C02_MF
	32653	GM_M44_B1_C03	GM_M44_B1_C03_MF
	32654	GM_M44_B1_C04	GM_M44_B1_C04_MF
	32655	GM_M44_B1_C05	GM_M44_B1_C05_MF
	32656	GM_M44_B1_C06	GM_M44_B1_C06_MF
45	32657	GM_M44_B1_C07	GM_M44_B1_C07_MF
	32658	GM_M44_B1_C08	GM_M44_B1_C08_MF
	32659	GM_M44_B1_C09	GM_M44_B1_C09_MF
	32660	GM_M44_B1_C10	GM_M44_B1_C10_MF
	32661	GM_M44_B1_C12	GM_M44_B1_C12_MF
50	32662	GM_M44_B1_D01	GM_M44_B1_D01_MF
	32663	GM_M44_B1_D02	GM_M44_B1_D02_MF
	32664	GM_M44_B1_D03	GM_M44_B1_D03_MF
	32665	GM_M44_B1_D04	GM_M44_B1_D04_MF
	32666	GM_M44_B1_D05	GM_M44_B1_D05_MF
55	32667	GM_M44_B1_D06	GM_M44_B1_D06_MF

	32668	GM_M44_B1_D07	GM_M44_B1_D07_MF
	32669	GM_M44_B1_D08	GM_M44_B1_D08_MF
	32670	GM_M44_B1_D09	GM_M44_B1_D09_MF
	32671	GM_M44_B1_D10	GM_M44_B1_D10_MF
5	32672	GM_M44_B1_D11	GM_M44_B1_D11_MF
	32673	GM_M44_B1_D12	GM_M44_B1_D12_MF
	32674	GM_M44_B1_E01	GM_M44_B1_E01_MF
	32675	GM_M44_B1_E02	GM_M44_B1_E02_MF
	32676	GM_M44_B1_E03	GM_M44_B1_E03_MF
10	32677	GM_M44_B1_E04	GM_M44_B1_E04_MF
	32678	GM_M44_B1_E05	GM_M44_B1_E05_MF
	32679	GM_M44_B1_E06	GM_M44_B1_E06_MF
	32680	GM_M44_B1_E07	GM_M44_B1_E07_MF
	32681	GM_M44_B1_E08	GM_M44_B1_E08_MF
15	32682	GM_M44_B1_E10	GM_M44_B1_E10_MF
	32683	GM_M44_B1_E12	GM_M44_B1_E12_MF
	32684	GM_M44_B1_F01	GM_M44_B1_F01_MF
	32685	GM_M44_B1_F02	GM_M44_B1_F02_MF
	32686	GM_M44_B1_F03	GM_M44_B1_F03_MF
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	32688	GM_M44_B1_F05	GM_M44_B1_F05_MF
	32689	GM_M44_B1_F06	GM_M44_B1_F06_MF
	32690	GM_M44_B1_F07	GM_M44_B1_F07_MF
	32691	GM_M44_B1_F08	GM_M44_B1_F08_MF
25	32692	GM_M44_B1_F09	GM_M44_B1_F09_MF
	32693	GM_M44_B1_F10	GM_M44_B1_F10_MF
	32694	GM_M44_B1_F11	GM_M44_B1_F11_MF
	32695	GM_M44_B1_F12	GM_M44_B1_F12_MF
	32696	GM_M44_B1_G01	GM_M44_B1_G01_MF
30	32697	GM_M44_B1_G02	GM_M44_B1_G02_MF
	32698	GM_M44_B1_G03	GM_M44_B1_G03_MF
	32699	GM_M44_B1_G04	GM_M44_B1_G04_MF
	32700	GM_M44_B1_G05	GM_M44_B1_G05_MF
	32701	GM_M44_B1_G06	GM_M44_B1_G06_MF
35	32702	GM_M44_B1_G07	GM_M44_B1_G07_MF
	32703	GM_M44_B1_G08	GM_M44_B1_G08_MF
	32704	GM_M44_B1_G09	GM_M44_B1_G09_MF
	32705	GM_M44_B1_G10	GM_M44_B1_G10_MF
	32706	GM_M44_B1_G11	GM_M44_B1_G11_MF
40	32707	GM_M44_B1_G12	GM_M44_B1_G12_MF
	32708	GM_M44_B1_H01	GM_M44_B1_H01_MF
	32709	GM_M44_B1_H02	GM_M44_B1_H02_MF
	32710	GM_M44_B1_H03	GM_M44_B1_H03_MF
	32711	GM_M44_B1_H04	GM_M44_B1_H04_MF
45	32712	GM_M44_B1_H05	GM_M44_B1_H05_MF
	32713	GM_M44_B1_H06	GM_M44_B1_H06_MF
	32714	GM_M44_B1_H07	GM_M44_B1_H07_MF
	32715	GM_M44_B1_H08	GM_M44_B1_H08_MF
	32716	GM_M44_B1_H09	GM_M44_B1_H09_MF
50	32717	GM_M44_B1_H10	GM_M44_B1_H10_MF
	32718	GM_M44_B1_H11	GM_M44_B1_H11_MF
	32719	GM_M44_B1_H12	GM_M44_B1_H12_MF
	32720	GM_M44_B2_A01	GM_M44_B2_A01_MF
	32721	GM_M44_B2_A02	GM_M44_B2_A02_MF
55	32722	GM_M44_B2_A03	GM_M44_B2_A03_MR

	32723	GM_M44_B2_A04	GM_M44_B2_A04_MF	
	32724	GM_M44_B2_A04		GM_M44_B2_A04_MR
	32725	GM_M44_B2_A06	GM_M44_B2_A06_MF	
	32726	GM_M44_B2_A09	GM_M44_B2_A09_MF	
5	32727	GM_M44_B2_A10	GM_M44_B2_A10_MF	
	32728	GM_M44_B2_A10		GM_M44_B2_A10_MR
	32729	GM_M44_B2_A12	GM_M44_B2_A12_MF	
	32730	GM_M44_B2_B01	GM_M44_B2_B01_MF	
	32731	GM_M44_B2_B01		GM_M44_B2_B01_MR
10	32732	GM_M44_B2_B02	GM_M44_B2_B02_MF	
	32733	GM_M44_B2_B04	GM_M44_B2_B04_MF	
	32734	GM_M44_B2_B05	GM_M44_B2_B05_MF	
	32735	GM_M44_B2_B07	GM_M44_B2_B07_MF	
	32736	GM_M44_B2_B07		GM_M44_B2_B07_MR
15	32737	GM_M44_B2_B08	GM_M44_B2_B08_MF	
	32738	GM_M44_B2_B09	GM_M44_B2_B09_MF	
	32739	GM_M44_B2_B11	GM_M44_B2_B11_MF	
	32740	GM_M44_B2_B11		GM_M44_B2_B11_MR
	32741	GM_M44_B2_B12	GM_M44_B2_B12_MF	
20	32742	GM_M44_B2_C01	GM_M44_B2_C01_MF	
	32743	GM_M44_B2_C02	GM_M44_B2_C02_MF	
	32744	GM_M44_B2_C02		GM_M44_B2_C02_MR
	32745	GM_M44_B2_C03	GM_M44_B2_C03_MF	
	32746	GM_M44_B2_C03		GM_M44_B2_C03_MR
25	32747	GM_M44_B2_C04	GM_M44_B2_C04_MF	
	32748	GM_M44_B2_C04		GM_M44_B2_C04_MR
	32749	GM_M44_B2_C05	GM_M44_B2_C05_MF	
	32750	GM_M44_B2_C06	GM_M44_B2_C06_MF	
	32751	GM_M44_B2_C07	GM_M44_B2_C07_MF	
30	32752	GM_M44_B2_C08	GM_M44_B2_C08_MF	
	32753	GM_M44_B2_C10	GM_M44_B2_C10_MF	
	32754	GM_M44_B2_C11	GM_M44_B2_C11_MF	
	32755	GM_M44_B2_C11		GM_M44_B2_C11_MR
	32756	GM_M44_B2_C12	GM_M44_B2_C12_MF	
35	32757	GM_M44_B2_C12		GM_M44_B2_C12_MR
	32758	GM_M44_B2_D01	GM_M44_B2_D01_MF	
	32759	GM_M44_B2_D02	GM_M44_B2_D02_MF	
	32760	GM_M44_B2_D03	GM_M44_B2_D03_MF	
	32761	GM_M44_B2_D03		GM_M44_B2_D03_MR
40	32762	GM_M44_B2_D04	GM_M44_B2_D04_MF	
	32763	GM_M44_B2_D04		GM_M44_B2_D04_MR
	32764	GM_M44_B2_D05	GM_M44_B2_D05_MF	
	32765	GM_M44_B2_D05		GM_M44_B2_D05_MR
	32766	GM_M44_B2_D06	GM_M44_B2_D06_MF	
45	32767	GM_M44_B2_D08	GM_M44_B2_D08_MF	
	32768	GM_M44_B2_D11	GM_M44_B2_D11_MF	
	32769	GM_M44_B2_D12	GM_M44_B2_D12_MF	
	32770	GM_M44_B2_D12		GM_M44_B2_D12_MR
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	32773	GM_M44_B2_E02	GM_M44_B2_E02_MF	
	32774	GM_M44_B2_E02		GM_M44_B2_E02_MR
	32775	GM_M44_B2_E03		GM_M44_B2_E03_MR
	32776	GM_M44_B2_E06	GM_M44_B2_E06_MF	
55	32777	GM_M44_B2_E07	GM_M44_B2_E07_MF	

	32778	GM_M44_B2_E10	GM_M44_B2_E10_MF	
	32779	GM_M44_B2_E10		GM_M44_B2_E10_MR
	32780	GM_M44_B2_E12	GM_M44_B2_E12_MF	
	32781	GM_M44_B2_E12		GM_M44_B2_E12_MR
5	32782	GM_M44_B2_F01	GM_M44_B2_F01_MF	
	32783	GM_M44_B2_F01		GM_M44_B2_F01_MR
	32784	GM_M44_B2_F02	GM_M44_B2_F02_MF	
	32785	GM_M44_B2_F03	GM_M44_B2_F03_MF	
	32786	GM_M44_B2_F03		GM_M44_B2_F03_MR
10	32787	GM_M44_B2_F04	GM_M44_B2_F04_MF	
	32788	GM_M44_B2_F04		GM_M44_B2_F04_MR
	32789	GM_M44_B2_F05	GM_M44_B2_F05_MF	
	32790	GM_M44_B2_F05		GM_M44_B2_F05_MR
	32791	GM_M44_B2_F06	GM_M44_B2_F06_MF	
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	32794	GM_M44_B2_F09	GM_M44_B2_F09_MF	
	32795	GM_M44_B2_F10	GM_M44_B2_F10_MF	
	32796	GM_M44_B2_F10		GM_M44_B2_F10_MR
20	32797	GM_M44_B2_F11	GM_M44_B2_F11_MF	
	32798	GM_M44_B2_F11		GM_M44_B2_F11_MR
	32799	GM_M44_B2_F12	GM_M44_B2_F12_MF	
	32800	GM_M44_B2_F12		GM_M44_B2_F12_MR
	32801	GM_M44_B2_G01	GM_M44_B2_G01_MF	
25	32802	GM_M44_B2_G01		GM_M44_B2_G01_MR
	32803	GM_M44_B2_G02	GM_M44_B2_G02_MF	
	32804	GM_M44_B2_G02		GM_M44_B2_G02_MR
	32805	GM_M44_B2_G03	GM_M44_B2_G03_MF	
	32806	GM_M44_B2_G04	GM_M44_B2_G04_MF	
30	32807	GM_M44_B2_G04		GM_M44_B2_G04_MR
	32808	GM_M44_B2_G05	GM_M44_B2_G05_MF	
	32809	GM_M44_B2_G05		GM_M44_B2_G05_MR
	32810	GM_M44_B2_G06	GM_M44_B2_G06_MF	
	32811	GM_M44_B2_G07	GM_M44_B2_G07_MF	
35	32812	GM_M44_B2_G07		GM_M44_B2_G07_MR
	32813	GM_M44_B2_G08	GM_M44_B2_G08_MF	
	32814	GM_M44_B2_G09	GM_M44_B2_G09_MF	
	32815	GM_M44_B2_G09		GM_M44_B2_G09_MR
	32816	GM_M44_B2_G10	GM_M44_B2_G10_MF	
40	32817	GM_M44_B2_G10		GM_M44_B2_G10_MR
	32818	GM_M44_B2_G11	GM_M44_B2_G11_MF	
	32819	GM_M44_B2_G11		GM_M44_B2_G11_MR
	32820	GM_M44_B2_G12	GM_M44_B2_G12_MF	
	32821	GM_M44_B2_G12		GM_M44_B2_G12_MR
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	32823	GM_M44_B2_H02	GM_M44_B2_H02_MF	
	32824	GM_M44_B2_H03	GM_M44_B2_H03_MF	
	32825	GM_M44_B2_H03		GM_M44_B2_H03_MR
	32826	GM_M44_B2_H04	GM_M44_B2_H04_MF	
50	32827	GM_M44_B2_H04		GM_M44_B2_H04_MR
	32828	GM_M44_B2_H06	GM_M44_B2_H06_MF	
	32829	GM_M44_B2_H06		GM_M44_B2_H06_MR
	32830	GM_M44_B2_H08	GM_M44_B2_H08_MF	
	32831	GM_M44_B2_H08		GM_M44_B2_H08_MR
55	32832	GM_M44_B2_H09	GM_M44_B2_H09_MF	

	32833	GM_M44_B2_H09		GM_M44_B2_H09_MR
	32834	GM_M44_B2_H10	GM_M44_B2_H10_MF	
	32835	GM_M44_B2_H10		GM_M44_B2_H10_MR
	32836	GM_M44_B2_H11	GM_M44_B2_H11_MF	
5	32837	GM_M44_B2_H11		GM_M44_B2_H11_MR
	32838	GM_M44_B2_H12	GM_M44_B2_H12_MF	
	32839	GM_M44_B2_H12		GM_M44_B2_H12_MR
	32840	GM_M45_A1_A01	GM_M45_A1_A01_MF	
	32841	GM_M45_A1_A01		GM_M45_A1_A01_MR
10	32842	GM_M45_A1_A02	GM_M45_A1_A02_MF	
	32843	GM_M45_A1_A02		GM_M45_A1_A02_MR
	32844	GM_M45_A1_A03	GM_M45_A1_A03_MF	
	32845	GM_M45_A1_A03		GM_M45_A1_A03_MR
	32846	GM_M45_A1_A04	GM_M45_A1_A04_MF	
15	32847	GM_M45_A1_A04		GM_M45_A1_A04_MR
	32848	GM_M45_A1_A05	GM_M45_A1_A05_MF	
	32849	GM_M45_A1_A05		GM_M45_A1_A05_MR
	32850	GM_M45_A1_A06	GM_M45_A1_A06_MF	
	32851	GM_M45_A1_A06		GM_M45_A1_A06_MR
20	32852	GM_M45_A1_A07	GM_M45_A1_A07_MF	
	32853	GM_M45_A1_A07		GM_M45_A1_A07_MR
	32854	GM_M45_A1_A08		GM_M45_A1_A08_MR
	32855	GM_M45_A1_A09	GM_M45_A1_A09_MF	
	32856	GM_M45_A1_A09		GM_M45_A1_A09_MR
25	32857	GM_M45_A1_A10	GM_M45_A1_A10_MF	
	32858	GM_M45_A1_A10		GM_M45_A1_A10_MR
	32859	GM_M45_A1_A11		GM_M45_A1_A11_MR
	32860	GM_M45_A1_A12		GM_M45_A1_A12_MR
	32861	GM_M45_A1_B01		GM_M45_A1_B01_MR
30	32862	GM_M45_A1_B02	GM_M45_A1_B02_MF	
	32863	GM_M45_A1_B02		GM_M45_A1_B02_MR
	32864	GM_M45_A1_B03	GM_M45_A1_B03_MF	
	32865	GM_M45_A1_B03		GM_M45_A1_B03_MR
	32866	GM_M45_A1_B04	GM_M45_A1_B04_MF	
35	32867	GM_M45_A1_B04		GM_M45_A1_B04_MR
	32868	GM_M45_A1_B05	GM_M45_A1_B05_MF	
	32869	GM_M45_A1_B05		GM_M45_A1_B05_MR
	32870	GM_M45_A1_B06		GM_M45_A1_B06_MR
	32871	GM_M45_A1_B07	GM_M45_A1_B07_MF	
40	32872	GM_M45_A1_B07		GM_M45_A1_B07_MR
	32873	GM_M45_A1_B08		GM_M45_A1_B08_MR
	32874	GM_M45_A1_B09	GM_M45_A1_B09_MF	
	32875	GM_M45_A1_B09		GM_M45_A1_B09_MR
	32876	GM_M45_A1_B10	GM_M45_A1_B10_MF	
45	32877	GM_M45_A1_B10		GM_M45_A1_B10_MR
	32878	GM_M45_A1_B11		GM_M45_A1_B11_MR
	32879	GM_M45_A1_B12		GM_M45_A1_B12_MR
	32880	GM_M45_A1_C01	GM_M45_A1_C01_MF	
	32881	GM_M45_A1_C01		GM_M45_A1_C01_MR
50	32882	GM_M45_A1_C02		GM_M45_A1_C02_MR
	32883	GM_M45_A1_C03	GM_M45_A1_C03_MF	
	32884	GM_M45_A1_C03		GM_M45_A1_C03_MR
	32885	GM_M45_A1_C04	GM_M45_A1_C04_MF	
	32886	GM_M45_A1_C04		GM_M45_A1_C04_MR
55	32887	GM_M45_A1_C06		GM_M45_A1_C06_MR

	32888	GM_M45_A1_C07	GM_M45_A1_C07_MF	
	32889	GM_M45_A1_C07		GM_M45_A1_C07_MR
	32890	GM_M45_A1_C08		GM_M45_A1_C08_MR
	32891	GM_M45_A1_C09	GM_M45_A1_C09_MF	
5	32892	GM_M45_A1_C09		GM_M45_A1_C09_MR
	32893	GM_M45_A1_C10	GM_M45_A1_C10_MF	
	32894	GM_M45_A1_C10		GM_M45_A1_C10_MR
	32895	GM_M45_A1_C11		GM_M45_A1_C11_MR
	32896	GM_M45_A1_C12		GM_M45_A1_C12_MR
10	32897	GM_M45_A1_D01	GM_M45_A1_D01_MF	
	32898	GM_M45_A1_D01		GM_M45_A1_D01_MR
	32899	GM_M45_A1_D02	GM_M45_A1_D02_MF	
	32900	GM_M45_A1_D02		GM_M45_A1_D02_MR
	32901	GM_M45_A1_D03	GM_M45_A1_D03_MF	
15	32902	GM_M45_A1_D03		GM_M45_A1_D03_MR
	32903	GM_M45_A1_D04	GM_M45_A1_D04_MF	
	32904	GM_M45_A1_D04		GM_M45_A1_D04_MR
	32905	GM_M45_A1_D05		GM_M45_A1_D05_MR
	32906	GM_M45_A1_D06		GM_M45_A1_D06_MR
20	32907	GM_M45_A1_D07	GM_M45_A1_D07_MF	
	32908	GM_M45_A1_D07		GM_M45_A1_D07_MR
	32909	GM_M45_A1_D08		GM_M45_A1_D08_MR
	32910	GM_M45_A1_D09	GM_M45_A1_D09_MF	
	32911	GM_M45_A1_D09		GM_M45_A1_D09_MR
25	32912	GM_M45_A1_D10	GM_M45_A1_D10_MF	
	32913	GM_M45_A1_D10		GM_M45_A1_D10_MR
	32914	GM_M45_A1_D11		GM_M45_A1_D11_MR
	32915	GM_M45_A1_D12		GM_M45_A1_D12_MR
	32916	GM_M45_A1_E01		GM_M45_A1_E01_MR
30	32917	GM_M45_A1_E02	GM_M45_A1_E02_MF	
	32918	GM_M45_A1_E02		GM_M45_A1_E02_MR
	32919	GM_M45_A1_E03	GM_M45_A1_E03_MF	
	32920	GM_M45_A1_E03		GM_M45_A1_E03_MR
	32921	GM_M45_A1_E04	GM_M45_A1_E04_MF	
35	32922	GM_M45_A1_E04		GM_M45_A1_E04_MR
	32923	GM_M45_A1_E05		GM_M45_A1_E05_MR
	32924	GM_M45_A1_E06	GM_M45_A1_E06_MF	
	32925	GM_M45_A1_E06		GM_M45_A1_E06_MR
	32926	GM_M45_A1_E07	GM_M45_A1_E07_MF	
40	32927	GM_M45_A1_E07		GM_M45_A1_E07_MR
	32928	GM_M45_A1_E08		GM_M45_A1_E08_MR
	32929	GM_M45_A1_E09	GM_M45_A1_E09_MF	
	32930	GM_M45_A1_E09		GM_M45_A1_E09_MR
	32931	GM_M45_A1_E10	GM_M45_A1_E10_MF	
45	32932	GM_M45_A1_E10		GM_M45_A1_E10_MR
	32933	GM_M45_A1_E11		GM_M45_A1_E11_MR
	32934	GM_M45_A1_E12		GM_M45_A1_E12_MR
	32935	GM_M45_A1_F01	GM_M45_A1_F01_MF	
	32936	GM_M45_A1_F01		GM_M45_A1_F01_MR
50	32937	GM_M45_A1_F02	GM_M45_A1_F02_MF	
	32938	GM_M45_A1_F02		GM_M45_A1_F02_MR
	32939	GM_M45_A1_F03	GM_M45_A1_F03_MF	
	32940	GM_M45_A1_F03		GM_M45_A1_F03_MR
	32941	GM_M45_A1_F04	GM_M45_A1_F04_MF	
55	32942	GM_M45_A1_F04		GM_M45_A1_F04_MR

	32943	GM_M45_A1_F05		GM_M45_A1_F05_MR
	32944	GM_M45_A1_F06		GM_M45_A1_F06_MR
	32945	GM_M45_A1_F07	GM_M45_A1_F07_MF	
	32946	GM_M45_A1_F07		GM_M45_A1_F07_MR
5	32947	GM_M45_A1_F08	GM_M45_A1_F08_MF	
	32948	GM_M45_A1_F08		GM_M45_A1_F08_MR
	32949	GM_M45_A1_F09	GM_M45_A1_F09_MF	
	32950	GM_M45_A1_F09		GM_M45_A1_F09_MR
	32951	GM_M45_A1_F10	GM_M45_A1_F10_MF	
10	32952	GM_M45_A1_F10		GM_M45_A1_F10_MR
	32953	GM_M45_A1_F11	GM_M45_A1_F11_MF	
	32954	GM_M45_A1_F11		GM_M45_A1_F11_MR
	32955	GM_M45_A1_F12	GM_M45_A1_F12_MF	
	32956	GM_M45_A1_F12		GM_M45_A1_F12_MR
15	32957	GM_M45_A1_G01	GM_M45_A1_G01_MF	
	32958	GM_M45_A1_G01		GM_M45_A1_G01_MR
	32959	GM_M45_A1_G02	GM_M45_A1_G02_MF	
	32960	GM_M45_A1_G02		GM_M45_A1_G02_MR
	32961	GM_M45_A1_G03		GM_M45_A1_G03_MR
20	32962	GM_M45_A1_G04	GM_M45_A1_G04_MF	
	32963	GM_M45_A1_G04		GM_M45_A1_G04_MR
	32964	GM_M45_A1_G05		GM_M45_A1_G05_MR
	32965	GM_M45_A1_G06		GM_M45_A1_G06_MR
	32966	GM_M45_A1_G07	GM_M45_A1_G07_MF	
25	32967	GM_M45_A1_G07		GM_M45_A1_G07_MR
	32968	GM_M45_A1_G08	GM_M45_A1_G08_MF	
	32969	GM_M45_A1_G08		GM_M45_A1_G08_MR
	32970	GM_M45_A1_G09		GM_M45_A1_G09_MR
	32971	GM_M45_A1_G10	GM_M45_A1_G10_MF	
30	32972	GM_M45_A1_G10		GM_M45_A1_G10_MR
	32973	GM_M45_A1_G11		GM_M45_A1_G11_MR
	32974	GM_M45_A1_G12		GM_M45_A1_G12_MR
	32975	GM_M45_A1_H01	GM_M45_A1_H01_MF	
	32976	GM_M45_A1_H01		GM_M45_A1_H01_MR
35	32977	GM_M45_A1_H02	GM_M45_A1_H02_MF	
	32978	GM_M45_A1_H02		GM_M45_A1_H02_MR
	32979	GM_M45_A1_H03		GM_M45_A1_H03_MR
	32980	GM_M45_A1_H04		GM_M45_A1_H04_MR
	32981	GM_M45_A1_H05	GM_M45_A1_H05_MF	
40	32982	GM_M45_A1_H05		GM_M45_A1_H05_MR
	32983	GM_M45_A1_H06	GM_M45_A1_H06_MF	
	32984	GM_M45_A1_H06		GM_M45_A1_H06_MR
	32985	GM_M45_A1_H07		GM_M45_A1_H07_MR
	32986	GM_M45_A1_H08	GM_M45_A1_H08_MF	
45	32987	GM_M45_A1_H08		GM_M45_A1_H08_MR
	32988	GM_M45_A1_H09	GM_M45_A1_H09_MF	
	32989	GM_M45_A1_H09		GM_M45_A1_H09_MR
	32990	GM_M45_A1_H10	GM_M45_A1_H10_MF	
	32991	GM_M45_A1_H10		GM_M45_A1_H10_MR
50	32992	GM_M45_A1_H11		GM_M45_A1_H11_MR
	32993	GM_M45_A1_H12	GM_M45_A1_H12_MF	
	32994	GM_M45_A1_H12		GM_M45_A1_H12_MR
	32995	GM_M45_A2_A01		GM_M45_A2_A01_MR
	32996	GM_M45_A2_A03	GM_M45_A2_A03_MF	
55	32997	GM_M45_A2_A03		GM_M45_A2_A03_MR

	32998	GM_M45_A2_A04		GM_M45_A2_A04_MR
	32999	GM_M45_A2_A05		GM_M45_A2_A05_MR
	33000	GM_M45_A2_A06	GM_M45_A2_A06_MF	
	33001	GM_M45_A2_A06		GM_M45_A2_A06_MR
5	33002	GM_M45_A2_A07		GM_M45_A2_A07_MR
	33003	GM_M45_A2_A08	GM_M45_A2_A08_MF	
	33004	GM_M45_A2_A08		GM_M45_A2_A08_MR
	33005	GM_M45_A2_A09		GM_M45_A2_A09_MR
	33006	GM_M45_A2_A10	GM_M45_A2_A10_MF	
10	33007	GM_M45_A2_A10		GM_M45_A2_A10_MR
	33008	GM_M45_A2_A11		GM_M45_A2_A11_MR
	33009	GM_M45_A2_A12		GM_M45_A2_A12_MR
	33010	GM_M45_A2_B01	GM_M45_A2_B01_MF	
	33011	GM_M45_A2_B01		GM_M45_A2_B01_MR
15	33012	GM_M45_A2_B02	GM_M45_A2_B02_MF	
	33013	GM_M45_A2_B02		GM_M45_A2_B02_MR
	33014	GM_M45_A2_B03	GM_M45_A2_B03_MF	
	33015	GM_M45_A2_B03		GM_M45_A2_B03_MR
	33016	GM_M45_A2_B04	GM_M45_A2_B04_MF	
20	33017	GM_M45_A2_B04		GM_M45_A2_B04_MR
	33018	GM_M45_A2_B05	GM_M45_A2_B05_MF	
	33019	GM_M45_A2_B05		GM_M45_A2_B05_MR
	33020	GM_M45_A2_B06	GM_M45_A2_B06_MF	
	33021	GM_M45_A2_B06		GM_M45_A2_B06_MR
25	33022	GM_M45_A2_B07	GM_M45_A2_B07_MF	
	33023	GM_M45_A2_B07		GM_M45_A2_B07_MR
	33024	GM_M45_A2_B08	GM_M45_A2_B08_MF	
	33025	GM_M45_A2_B08		GM_M45_A2_B08_MR
	33026	GM_M45_A2_B09	GM_M45_A2_B09_MF	
30	33027	GM_M45_A2_B09		GM_M45_A2_B09_MR
	33028	GM_M45_A2_B10	GM_M45_A2_B10_MF	
	33029	GM_M45_A2_B10		GM_M45_A2_B10_MR
	33030	GM_M45_A2_B11		GM_M45_A2_B11_MR
	33031	GM_M45_A2_B12		GM_M45_A2_B12_MR
35	33032	GM_M45_A2_C01	GM_M45_A2_C01_MF	
	33033	GM_M45_A2_C01		GM_M45_A2_C01_MR
	33034	GM_M45_A2_C02	GM_M45_A2_C02_MF	
	33035	GM_M45_A2_C02		GM_M45_A2_C02_MR
	33036	GM_M45_A2_C03		GM_M45_A2_C03_MR
40	33037	GM_M45_A2_C04	GM_M45_A2_C04_MF	
	33038	GM_M45_A2_C04		GM_M45_A2_C04_MR
	33039	GM_M45_A2_C05		GM_M45_A2_C05_MR
	33040	GM_M45_A2_C06	GM_M45_A2_C06_MF	
	33041	GM_M45_A2_C06		GM_M45_A2_C06_MR
45	33042	GM_M45_A2_C07	GM_M45_A2_C07_MF	
	33043	GM_M45_A2_C07		GM_M45_A2_C07_MR
	33044	GM_M45_A2_C08	GM_M45_A2_C08_MF	
	33045	GM_M45_A2_C08		GM_M45_A2_C08_MR
	33046	GM_M45_A2_C09		GM_M45_A2_C09_MR
50	33047	GM_M45_A2_C10	GM_M45_A2_C10_MF	
	33048	GM_M45_A2_C10		GM_M45_A2_C10_MR
	33049	GM_M45_A2_C11	GM_M45_A2_C11_MF	
	33050	GM_M45_A2_C11		GM_M45_A2_C11_MR
	33051	GM_M45_A2_C12	GM_M45_A2_C12_MF	
55	33052	GM_M45_A2_C12		GM_M45_A2_C12_MR

	33053	GM_M45_A2_D01	GM_M45_A2_D01_MF	
	33054	GM_M45_A2_D01		GM_M45_A2_D01_MR
	33055	GM_M45_A2_D02	GM_M45_A2_D02_MF	
	33056	GM_M45_A2_D02		GM_M45_A2_D02_MR
5	33057	GM_M45_A2_D03		GM_M45_A2_D03_MR
	33058	GM_M45_A2_D04	GM_M45_A2_D04_MF	
	33059	GM_M45_A2_D04		GM_M45_A2_D04_MR
	33060	GM_M45_A2_D05	GM_M45_A2_D05_MF	
	33061	GM_M45_A2_D05		GM_M45_A2_D05_MR
10	33062	GM_M45_A2_D06	GM_M45_A2_D06_MF	
	33063	GM_M45_A2_D06		GM_M45_A2_D06_MR
	33064	GM_M45_A2_D07	GM_M45_A2_D07_MF	
	33065	GM_M45_A2_D07		GM_M45_A2_D07_MR
	33066	GM_M45_A2_D08		GM_M45_A2_D08_MR
15	33067	GM_M45_A2_D09	GM_M45_A2_D09_MF	
	33068	GM_M45_A2_D09		GM_M45_A2_D09_MR
	33069	GM_M45_A2_D10	GM_M45_A2_D10_MF	
	33070	GM_M45_A2_D10		GM_M45_A2_D10_MR
	33071	GM_M45_A2_D11	GM_M45_A2_D11_MF	
20	33072	GM_M45_A2_D11		GM_M45_A2_D11_MR
	33073	GM_M45_A2_D12	GM_M45_A2_D12_MF	
	33074	GM_M45_A2_D12		GM_M45_A2_D12_MR
	33075	GM_M45_A2_E01	GM_M45_A2_E01_MF	
	33076	GM_M45_A2_E01		GM_M45_A2_E01_MR
25	33077	GM_M45_A2_E02		GM_M45_A2_E02_MR
	33078	GM_M45_A2_E03		GM_M45_A2_E03_MR
	33079	GM_M45_A2_E04	GM_M45_A2_E04_MF	
	33080	GM_M45_A2_E04		GM_M45_A2_E04_MR
	33081	GM_M45_A2_E05		GM_M45_A2_E05_MR
30	33082	GM_M45_A2_E06		GM_M45_A2_E06_MR
	33083	GM_M45_A2_E07	GM_M45_A2_E07_MF	
	33084	GM_M45_A2_E07		GM_M45_A2_E07_MR
	33085	GM_M45_A2_E08		GM_M45_A2_E08_MR
	33086	GM_M45_A2_E09		GM_M45_A2_E09_MR
35	33087	GM_M45_A2_E10		GM_M45_A2_E10_MR
	33088	GM_M45_A2_E11		GM_M45_A2_E11_MR
	33089	GM_M45_A2_E12		GM_M45_A2_E12_MR
	33090	GM_M45_A2_F01	GM_M45_A2_F01_MF	
	33091	GM_M45_A2_F01		GM_M45_A2_F01_MR
40	33092	GM_M45_A2_F02		GM_M45_A2_F02_MR
	33093	GM_M45_A2_F03		GM_M45_A2_F03_MR
	33094	GM_M45_A2_F04		GM_M45_A2_F04_MR
	33095	GM_M45_A2_F05	GM_M45_A2_F05_MF	
	33096	GM_M45_A2_F05		GM_M45_A2_F05_MR
45	33097	GM_M45_A2_F06		GM_M45_A2_F06_MR
	33098	GM_M45_A2_F08		GM_M45_A2_F08_MR
	33099	GM_M45_A2_F09		GM_M45_A2_F09_MR
	33100	GM_M45_A2_F10	GM_M45_A2_F10_MF	
	33101	GM_M45_A2_F10		GM_M45_A2_F10_MR
50	33102	GM_M45_A2_F11	GM_M45_A2_F11_MF	
	33103	GM_M45_A2_F11		GM_M45_A2_F11_MR
	33104	GM_M45_A2_F12	GM_M45_A2_F12_MF	
	33105	GM_M45_A2_F12		GM_M45_A2_F12_MR
	33106	GM_M45_A2_G01	GM_M45_A2_G01_MF	
55	33107	GM_M45_A2_G01		GM_M45_A2_G01_MR

	33108	GM_M45_A2_G03	GM_M45_A2_G03_MF	
	33109	GM_M45_A2_G03		GM_M45_A2_G03_MR
	33110	GM_M45_A2_G04	GM_M45_A2_G04_MF	
	33111	GM_M45_A2_G04		GM_M45_A2_G04_MR
5	33112	GM_M45_A2_G05	GM_M45_A2_G05_MF	
	33113	GM_M45_A2_G05		GM_M45_A2_G05_MR
	33114	GM_M45_A2_G06	GM_M45_A2_G06_MF	
	33115	GM_M45_A2_G06		GM_M45_A2_G06_MR
	33116	GM_M45_A2_G07	GM_M45_A2_G07_MF	
10	33117	GM_M45_A2_G07		GM_M45_A2_G07_MR
	33118	GM_M45_A2_G08	GM_M45_A2_G08_MF	
	33119	GM_M45_A2_G08		GM_M45_A2_G08_MR
	33120	GM_M45_A2_G09	GM_M45_A2_G09_MF	
	33121	GM_M45_A2_G09		GM_M45_A2_G09_MR
15	33122	GM_M45_A2_G10	GM_M45_A2_G10_MF	
	33123	GM_M45_A2_G10		GM_M45_A2_G10_MR
	33124	GM_M45_A2_G11	GM_M45_A2_G11_MF	
	33125	GM_M45_A2_G11		GM_M45_A2_G11_MR
	33126	GM_M45_A2_G12	GM_M45_A2_G12_MF	
20	33127	GM_M45_A2_G12		GM_M45_A2_G12_MR
	33128	GM_M45_A2_H01	GM_M45_A2_H01_MF	
	33129	GM_M45_A2_H01		GM_M45_A2_H01_MR
	33130	GM_M45_A2_H02	GM_M45_A2_H02_MF	
	33131	GM_M45_A2_H02		GM_M45_A2_H02_MR
25	33132	GM_M45_A2_H03		GM_M45_A2_H03_MR
	33133	GM_M45_A2_H04	GM_M45_A2_H04_MF	
	33134	GM_M45_A2_H04		GM_M45_A2_H04_MR
	33135	GM_M45_A2_H05	GM_M45_A2_H05_MF	
	33136	GM_M45_A2_H05		GM_M45_A2_H05_MR
30	33137	GM_M45_A2_H06		GM_M45_A2_H06_MR
	33138	GM_M45_A2_H07	GM_M45_A2_H07_MF	
	33139	GM_M45_A2_H08		GM_M45_A2_H08_MR
	33140	GM_M45_A2_H09	GM_M45_A2_H09_MF	
	33141	GM_M45_A2_H09		GM_M45_A2_H09_MR
35	33142	GM_M45_A2_H10	GM_M45_A2_H10_MF	
	33143	GM_M45_A2_H10		GM_M45_A2_H10_MR
	33144	GM_M45_A2_H11	GM_M45_A2_H11_MF	
	33145	GM_M45_A2_H11		GM_M45_A2_H11_MR
	33146	GM_M45_A2_H12		GM_M45_A2_H12_MR
40	33147	GM_M45_B1_A01	GM_M45_B1_A01_MF	
	33148	GM_M45_B1_A02	GM_M45_B1_A02_MF	
	33149	GM_M45_B1_A03	GM_M45_B1_A03_MF	
	33150	GM_M45_B1_A04	GM_M45_B1_A04_MF	
	33151	GM_M45_B1_A04		GM_M45_B1_A04_MR
45	33152	GM_M45_B1_A05	GM_M45_B1_A05_MF	
	33153	GM_M45_B1_A06	GM_M45_B1_A06_MF	
	33154	GM_M45_B1_A07	GM_M45_B1_A07_MF	
	33155	GM_M45_B1_A07		GM_M45_B1_A07_MR
	33156	GM_M45_B1_A08	GM_M45_B1_A08_MF	
50	33157	GM_M45_B1_A08		GM_M45_B1_A08_MR
	33158	GM_M45_B1_A09	GM_M45_B1_A09_MF	
	33159	GM_M45_B1_A10	GM_M45_B1_A10_MF	
	33160	GM_M45_B1_A10		GM_M45_B1_A10_MR
	33161	GM_M45_B1_A11	GM_M45_B1_A11_MF	
55	33162	GM_M45_B1_A12	GM_M45_B1_A12_MF	

	33163	GM_M45_B1_B01	GM_M45_B1_B01_MF	
	33164	GM_M45_B1_B01		GM_M45_B1_B01_MR
	33165	GM_M45_B1_B02	GM_M45_B1_B02_MF	
	33166	GM_M45_B1_B02		GM_M45_B1_B02_MR
5	33167	GM_M45_B1_B03	GM_M45_B1_B03_MF	
	33168	GM_M45_B1_B03		GM_M45_B1_B03_MR
	33169	GM_M45_B1_B04	GM_M45_B1_B04_MF	
	33170	GM_M45_B1_B04		GM_M45_B1_B04_MR
	33171	GM_M45_B1_B05	GM_M45_B1_B05_MF	
10	33172	GM_M45_B1_B05		GM_M45_B1_B05_MR
	33173	GM_M45_B1_B06	GM_M45_B1_B06_MF	
	33174	GM_M45_B1_B06		GM_M45_B1_B06_MR
	33175	GM_M45_B1_B07	GM_M45_B1_B07_MF	
	33176	GM_M45_B1_B08	GM_M45_B1_B08_MF	
15	33177	GM_M45_B1_B08		GM_M45_B1_B08_MR
	33178	GM_M45_B1_B09	GM_M45_B1_B09_MF	
	33179	GM_M45_B1_B10	GM_M45_B1_B10_MF	
	33180	GM_M45_B1_B10		GM_M45_B1_B10_MR
	33181	GM_M45_B1_B11	GM_M45_B1_B11_MF	
20	33182	GM_M45_B1_B11		GM_M45_B1_B11_MR
	33183	GM_M45_B1_B12	GM_M45_B1_B12_MF	
	33184	GM_M45_B1_C01	GM_M45_B1_C01_MF	
	33185	GM_M45_B1_C02	GM_M45_B1_C02_MF	
	33186	GM_M45_B1_C02		GM_M45_B1_C02_MR
25	33187	GM_M45_B1_C03	GM_M45_B1_C03_MF	
	33188	GM_M45_B1_C04	GM_M45_B1_C04_MF	
	33189	GM_M45_B1_C04		GM_M45_B1_C04_MR
	33190	GM_M45_B1_C05	GM_M45_B1_C05_MF	
	33191	GM_M45_B1_C06	GM_M45_B1_C06_MF	
30	33192	GM_M45_B1_C06		GM_M45_B1_C06_MR
	33193	GM_M45_B1_C07	GM_M45_B1_C07_MF	
	33194	GM_M45_B1_C07		GM_M45_B1_C07_MR
	33195	GM_M45_B1_C08	GM_M45_B1_C08_MF	
	33196	GM_M45_B1_C09	GM_M45_B1_C09_MF	
35	33197	GM_M45_B1_C09		GM_M45_B1_C09_MR
	33198	GM_M45_B1_C10	GM_M45_B1_C10_MF	
	33199	GM_M45_B1_C11	GM_M45_B1_C11_MF	
	33200	GM_M45_B1_C11		GM_M45_B1_C11_MR
	33201	GM_M45_B1_C12	GM_M45_B1_C12_MF	
40	33202	GM_M45_B1_C12		GM_M45_B1_C12_MR
	33203	GM_M45_B1_D01	GM_M45_B1_D01_MF	
	33204	GM_M45_B1_D01		GM_M45_B1_D01_MR
	33205	GM_M45_B1_D02	GM_M45_B1_D02_MF	
	33206	GM_M45_B1_D02		GM_M45_B1_D02_MR
45	33207	GM_M45_B1_D03	GM_M45_B1_D03_MF	
	33208	GM_M45_B1_D03		GM_M45_B1_D03_MR
	33209	GM_M45_B1_D04	GM_M45_B1_D04_MF	
	33210	GM_M45_B1_D04		GM_M45_B1_D04_MR
	33211	GM_M45_B1_D05	GM_M45_B1_D05_MF	
50	33212	GM_M45_B1_D05		GM_M45_B1_D05_MR
	33213	GM_M45_B1_D06	GM_M45_B1_D06_MF	
	33214	GM_M45_B1_D06		GM_M45_B1_D06_MR
	33215	GM_M45_B1_D07	GM_M45_B1_D07_MF	
	33216	GM_M45_B1_D07		GM_M45_B1_D07_MR
55	33217	GM_M45_B1_D08	GM_M45_B1_D08_MF	

	33218	GM_M45_B1_D08		GM_M45_B1_D08_MR
	33219	GM_M45_B1_D09	GM_M45_B1_D09_MF	
	33220	GM_M45_B1_D09		GM_M45_B1_D09_MR
	33221	GM_M45_B1_D10	GM_M45_B1_D10_MF	
5	33222	GM_M45_B1_D10		GM_M45_B1_D10_MR
	33223	GM_M45_B1_D11	GM_M45_B1_D11_MF	
	33224	GM_M45_B1_D12	GM_M45_B1_D12_MF	
	33225	GM_M45_B1_D12		GM_M45_B1_D12_MR
	33226	GM_M45_B1_E01	GM_M45_B1_E01_MF	
10	33227	GM_M45_B1_E01		GM_M45_B1_E01_MR
	33228	GM_M45_B1_E02	GM_M45_B1_E02_MF	
	33229	GM_M45_B1_E02		GM_M45_B1_E02_MR
	33230	GM_M45_B1_E03	GM_M45_B1_E03_MF	
	33231	GM_M45_B1_E03		GM_M45_B1_E03_MR
15	33232	GM_M45_B1_E04	GM_M45_B1_E04_MF	
	33233	GM_M45_B1_E04		GM_M45_B1_E04_MR
	33234	GM_M45_B1_E05	GM_M45_B1_E05_MF	
	33235	GM_M45_B1_E05		GM_M45_B1_E05_MR
	33236	GM_M45_B1_E06	GM_M45_B1_E06_MF	
20	33237	GM_M45_B1_E07	GM_M45_B1_E07_MF	
	33238	GM_M45_B1_E07		GM_M45_B1_E07_MR
	33239	GM_M45_B1_E08	GM_M45_B1_E08_MF	
	33240	GM_M45_B1_E09	GM_M45_B1_E09_MF	
	33241	GM_M45_B1_E09		GM_M45_B1_E09_MR
25	33242	GM_M45_B1_E10	GM_M45_B1_E10_MF	
	33243	GM_M45_B1_E10		GM_M45_B1_E10_MR
	33244	GM_M45_B1_E11	GM_M45_B1_E11_MF	
	33245	GM_M45_B1_E11		GM_M45_B1_E11_MR
	33246	GM_M45_B1_E12	GM_M45_B1_E12_MF	
30	33247	GM_M45_B1_F01	GM_M45_B1_F01_MF	
	33248	GM_M45_B1_F01		GM_M45_B1_F01_MR
	33249	GM_M45_B1_F02	GM_M45_B1_F02_MF	
	33250	GM_M45_B1_F02		GM_M45_B1_F02_MR
	33251	GM_M45_B1_F03	GM_M45_B1_F03_MF	
35	33252	GM_M45_B1_F03		GM_M45_B1_F03_MR
	33253	GM_M45_B1_F04	GM_M45_B1_F04_MF	
	33254	GM_M45_B1_F04		GM_M45_B1_F04_MR
	33255	GM_M45_B1_F05	GM_M45_B1_F05_MF	
	33256	GM_M45_B1_F05		GM_M45_B1_F05_MR
40	33257	GM_M45_B1_F07	GM_M45_B1_F07_MF	
	33258	GM_M45_B1_F07		GM_M45_B1_F07_MR
	33259	GM_M45_B1_F08	GM_M45_B1_F08_MF	
	33260	GM_M45_B1_F08		GM_M45_B1_F08_MR
	33261	GM_M45_B1_F09	GM_M45_B1_F09_MF	
45	33262	GM_M45_B1_F09		GM_M45_B1_F09_MR
	33263	GM_M45_B1_F10	GM_M45_B1_F10_MF	
	33264	GM_M45_B1_F10		GM_M45_B1_F10_MR
	33265	GM_M45_B1_F11	GM_M45_B1_F11_MF	
	33266	GM_M45_B1_F11		GM_M45_B1_F11_MR
50	33267	GM_M45_B1_F12	GM_M45_B1_F12_MF	
	33268	GM_M45_B1_F12		GM_M45_B1_F12_MR
	33269	GM_M45_B1_G01	GM_M45_B1_G01_MF	
	33270	GM_M45_B1_G01		GM_M45_B1_G01_MR
	33271	GM_M45_B1_G02	GM_M45_B1_G02_MF	
55	33272	GM_M45_B1_G02		GM_M45_B1_G02_MR

	33273	GM_M45_B1_G03	GM_M45_B1_G03_MF	
	33274	GM_M45_B1_G04	GM_M45_B1_G04_MF	
	33275	GM_M45_B1_G04		GM_M45_B1_G04_MR
	33276	GM_M45_B1_G05	GM_M45_B1_G05_MF	
5	33277	GM_M45_B1_G05		GM_M45_B1_G05_MR
	33278	GM_M45_B1_G06	GM_M45_B1_G06_MF	
	33279	GM_M45_B1_G06		GM_M45_B1_G06_MR
	33280	GM_M45_B1_G07	GM_M45_B1_G07_MF	
	33281	GM_M45_B1_G08	GM_M45_B1_G08_MF	
10	33282	GM_M45_B1_G08		GM_M45_B1_G08_MR
	33283	GM_M45_B1_G09	GM_M45_B1_G09_MF	
	33284	GM_M45_B1_G09		GM_M45_B1_G09_MR
	33285	GM_M45_B1_G10	GM_M45_B1_G10_MF	
	33286	GM_M45_B1_G10		GM_M45_B1_G10_MR
15	33287	GM_M45_B1_G11	GM_M45_B1_G11_MF	
	33288	GM_M45_B1_G11		GM_M45_B1_G11_MR
	33289	GM_M45_B1_G12	GM_M45_B1_G12_MF	
	33290	GM_M45_B1_G12		GM_M45_B1_G12_MR
	33291	GM_M45_B1_H01	GM_M45_B1_H01_MF	
20	33292	GM_M45_B1_H01		GM_M45_B1_H01_MR
	33293	GM_M45_B1_H02	GM_M45_B1_H02_MF	
	33294	GM_M45_B1_H03	GM_M45_B1_H03_MF	
	33295	GM_M45_B1_H04	GM_M45_B1_H04_MF	
	33296	GM_M45_B1_H04		GM_M45_B1_H04_MR
25	33297	GM_M45_B1_H05	GM_M45_B1_H05_MF	
	33298	GM_M45_B1_H06	GM_M45_B1_H06_MF	
	33299	GM_M45_B1_H06		GM_M45_B1_H06_MR
	33300	GM_M45_B1_H07	GM_M45_B1_H07_MF	
	33301	GM_M45_B1_H07		GM_M45_B1_H07_MR
30	33302	GM_M45_B1_H08	GM_M45_B1_H08_MF	
	33303	GM_M45_B1_H09	GM_M45_B1_H09_MF	
	33304	GM_M45_B1_H09		GM_M45_B1_H09_MR
	33305	GM_M45_B1_H10	GM_M45_B1_H10_MF	
	33306	GM_M45_B1_H10		GM_M45_B1_H10_MR
35	33307	GM_M45_B1_H11	GM_M45_B1_H11_MF	
	33308	GM_M45_B1_H12	GM_M45_B1_H12_MF	
	33309	GM_M45_B1_H12		GM_M45_B1_H12_MR
	33310	GM_M45_B2_A01	GM_M45_B2_A01_MF	
	33311	GM_M45_B2_A02	GM_M45_B2_A02_MF	
40	33312	GM_M45_B2_A02		GM_M45_B2_A02_MR
	33313	GM_M45_B2_A03	GM_M45_B2_A03_MF	
	33314	GM_M45_B2_A03		GM_M45_B2_A03_MR
	33315	GM_M45_B2_A04	GM_M45_B2_A04_MF	
	33316	GM_M45_B2_A04		GM_M45_B2_A04_MR
45	33317	GM_M45_B2_A05	GM_M45_B2_A05_MF	
	33318	GM_M45_B2_A05		GM_M45_B2_A05_MR
	33319	GM_M45_B2_A06	GM_M45_B2_A06_MF	
	33320	GM_M45_B2_A06		GM_M45_B2_A06_MR
	33321	GM_M45_B2_A07	GM_M45_B2_A07_MF	
50	33322	GM_M45_B2_A07		GM_M45_B2_A07_MR
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	33324	GM_M45_B2_A08		GM_M45_B2_A08_MR
	33325	GM_M45_B2_A09	GM_M45_B2_A09_MF	
	33326	GM_M45_B2_A09		GM_M45_B2_A09_MR
55	33327	GM_M45_B2_A10	GM_M45_B2_A10_MF	

	33328	GM_M45_B2_A10		GM_M45_B2_A10_MR
	33329	GM_M45_B2_A11	GM_M45_B2_A11_MF	
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	33331	GM_M45_B2_A12	GM_M45_B2_A12_MF	
5	33332	GM_M45_B2_A12		GM_M45_B2_A12_MR
	33333	GM_M45_B2_B01	GM_M45_B2_B01_MF	
	33334	GM_M45_B2_B01		GM_M45_B2_B01_MR
	33335	GM_M45_B2_B02	GM_M45_B2_B02_MF	
	33336	GM_M45_B2_B02		GM_M45_B2_B02_MR
10	33337	GM_M45_B2_B03	GM_M45_B2_B03_MF	
	33338	GM_M45_B2_B03		GM_M45_B2_B03_MR
	33339	GM_M45_B2_B04	GM_M45_B2_B04_MF	
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	33341	GM_M45_B2_B05	GM_M45_B2_B05_MF	
15	33342	GM_M45_B2_B05		GM_M45_B2_B05_MR
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	33344	GM_M45_B2_B07	GM_M45_B2_B07_MF	
	33345	GM_M45_B2_B07		GM_M45_B2_B07_MR
	33346	GM_M45_B2_B08	GM_M45_B2_B08_MF	
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	33348	GM_M45_B2_B09	GM_M45_B2_B09_MF	
	33349	GM_M45_B2_B09		GM_M45_B2_B09_MR
	33350	GM_M45_B2_B10	GM_M45_B2_B10_MF	
	33351	GM_M45_B2_B10		GM_M45_B2_B10_MR
25	33352	GM_M45_B2_B11		GM_M45_B2_B11_MR
	33353	GM_M45_B2_B12	GM_M45_B2_B12_MF	
	33354	GM_M45_B2_B12		GM_M45_B2_B12_MR
	33355	GM_M45_B2_C01	GM_M45_B2_C01_MF	
	33356	GM_M45_B2_C01		GM_M45_B2_C01_MR
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	33358	GM_M45_B2_C02		GM_M45_B2_C02_MR
	33359	GM_M45_B2_C03	GM_M45_B2_C03_MF	
	33360	GM_M45_B2_C03		GM_M45_B2_C03_MR
	33361	GM_M45_B2_C04	GM_M45_B2_C04_MF	
35	33362	GM_M45_B2_C04		GM_M45_B2_C04_MR
	33363	GM_M45_B2_C05	GM_M45_B2_C05_MF	
	33364	GM_M45_B2_C05		GM_M45_B2_C05_MR
	33365	GM_M45_B2_C06		GM_M45_B2_C06_MR
	33366	GM_M45_B2_C07	GM_M45_B2_C07_MF	
40	33367	GM_M45_B2_C07		GM_M45_B2_C07_MR
	33368	GM_M45_B2_C08	GM_M45_B2_C08_MF	
	33369	GM_M45_B2_C08		GM_M45_B2_C08_MR
	33370	GM_M45_B2_C09		GM_M45_B2_C09_MR
	33371	GM_M45_B2_C12	GM_M45_B2_C12_MF	
45	33372	GM_M45_B2_C12		GM_M45_B2_C12_MR
	33373	GM_M45_B2_D02	GM_M45_B2_D02_MF	
	33374	GM_M45_B2_D02		GM_M45_B2_D02_MR
	33375	GM_M45_B2_D03	GM_M45_B2_D03_MF	
	33376	GM_M45_B2_D03		GM_M45_B2_D03_MR
50	33377	GM_M45_B2_D04	GM_M45_B2_D04_MF	
	33378	GM_M45_B2_D04		GM_M45_B2_D04_MR
	33379	GM_M45_B2_D05	GM_M45_B2_D05_MF	
	33380	GM_M45_B2_D05		GM_M45_B2_D05_MR
	33381	GM_M45_B2_D06	GM_M45_B2_D06_MF	
55	33382	GM_M45_B2_D06		GM_M45_B2_D06_MR

	33383	GM_M45_B2_D07		GM_M45_B2_D07_MR
	33384	GM_M45_B2_D08	GM_M45_B2_D08_MF	
	33385	GM_M45_B2_D08		GM_M45_B2_D08_MR
	33386	GM_M45_B2_D09	GM_M45_B2_D09_MF	
5	33387	GM_M45_B2_D09		GM_M45_B2_D09_MR
	33388	GM_M45_B2_D10	GM_M45_B2_D10_MF	
	33389	GM_M45_B2_D10		GM_M45_B2_D10_MR
	33390	GM_M45_B2_D11	GM_M45_B2_D11_MF	
	33391	GM_M45_B2_D11		GM_M45_B2_D11_MR
10	33392	GM_M45_B2_D12	GM_M45_B2_D12_MF	
	33393	GM_M45_B2_D12		GM_M45_B2_D12_MR
	33394	GM_M45_B2_E01	GM_M45_B2_E01_MF	
	33395	GM_M45_B2_E01		GM_M45_B2_E01_MR
	33396	GM_M45_B2_E02	GM_M45_B2_E02_MF	
15	33397	GM_M45_B2_E02		GM_M45_B2_E02_MR
	33398	GM_M45_B2_E03	GM_M45_B2_E03_MF	
	33399	GM_M45_B2_E03		GM_M45_B2_E03_MR
	33400	GM_M45_B2_E04	GM_M45_B2_E04_MF	
	33401	GM_M45_B2_E05	GM_M45_B2_E05_MF	
20	33402	GM_M45_B2_E05		GM_M45_B2_E05_MR
	33403	GM_M45_B2_E06	GM_M45_B2_E06_MF	
	33404	GM_M45_B2_E06		GM_M45_B2_E06_MR
	33405	GM_M45_B2_E07		GM_M45_B2_E07_MR
	33406	GM_M45_B2_E08	GM_M45_B2_E08_MF	
25	33407	GM_M45_B2_E08		GM_M45_B2_E08_MR
	33408	GM_M45_B2_E10	GM_M45_B2_E10_MF	
	33409	GM_M45_B2_E10		GM_M45_B2_E10_MR
	33410	GM_M45_B2_E11	GM_M45_B2_E11_MF	
	33411	GM_M45_B2_E11		GM_M45_B2_E11_MR
30	33412	GM_M45_B2_E12	GM_M45_B2_E12_MF	
	33413	GM_M45_B2_E12		GM_M45_B2_E12_MR
	33414	GM_M45_B2_F01	GM_M45_B2_F01_MF	
	33415	GM_M45_B2_F01		GM_M45_B2_F01_MR
	33416	GM_M45_B2_F02	GM_M45_B2_F02_MF	
35	33417	GM_M45_B2_F02		GM_M45_B2_F02_MR
	33418	GM_M45_B2_F03		GM_M45_B2_F03_MR
	33419	GM_M45_B2_F04	GM_M45_B2_F04_MF	
	33420	GM_M45_B2_F04		GM_M45_B2_F04_MR
	33421	GM_M45_B2_F05	GM_M45_B2_F05_MF	
40	33422	GM_M45_B2_F05		GM_M45_B2_F05_MR
	33423	GM_M45_B2_F06		GM_M45_B2_F06_MR
	33424	GM_M45_B2_F07	GM_M45_B2_F07_MF	
	33425	GM_M45_B2_F07		GM_M45_B2_F07_MR
	33426	GM_M45_B2_F08	GM_M45_B2_F08_MF	
45	33427	GM_M45_B2_F08		GM_M45_B2_F08_MR
	33428	GM_M45_B2_F10	GM_M45_B2_F10_MF	
	33429	GM_M45_B2_F10		GM_M45_B2_F10_MR
	33430	GM_M45_B2_F11	GM_M45_B2_F11_MF	
	33431	GM_M45_B2_F11		GM_M45_B2_F11_MR
50	33432	GM_M45_B2_F12	GM_M45_B2_F12_MF	
	33433	GM_M45_B2_F12		GM_M45_B2_F12_MR
	33434	GM_M45_B2_G01	GM_M45_B2_G01_MF	
	33435	GM_M45_B2_G01		GM_M45_B2_G01_MR
	33436	GM_M45_B2_G02	GM_M45_B2_G02_MF	
55	33437	GM_M45_B2_G02		GM_M45_B2_G02_MR

	33438	GM_M45_B2_G03	GM_M45_B2_G03_MF	
	33439	GM_M45_B2_G03		GM_M45_B2_G03_MR
	33440	GM_M45_B2_G04	GM_M45_B2_G04_MF	
	33441	GM_M45_B2_G04		GM_M45_B2_G04_MR
5	33442	GM_M45_B2_G05	GM_M45_B2_G05_MF	
	33443	GM_M45_B2_G05		GM_M45_B2_G05_MR
	33444	GM_M45_B2_G06		GM_M45_B2_G06_MR
	33445	GM_M45_B2_G07	GM_M45_B2_G07_MF	
	33446	GM_M45_B2_G07		GM_M45_B2_G07_MR
10	33447	GM_M45_B2_G08	GM_M45_B2_G08_MF	
	33448	GM_M45_B2_G08		GM_M45_B2_G08_MR
	33449	GM_M45_B2_G09	GM_M45_B2_G09_MF	
	33450	GM_M45_B2_G10	GM_M45_B2_G10_MF	
	33451	GM_M45_B2_G10		GM_M45_B2_G10_MR
15	33452	GM_M45_B2_G12	GM_M45_B2_G12_MF	
	33453	GM_M45_B2_G12		GM_M45_B2_G12_MR
	33454	GM_M45_B2_H01		GM_M45_B2_H01_MR
	33455	GM_M45_B2_H02	GM_M45_B2_H02_MF	
	33456	GM_M45_B2_H02		GM_M45_B2_H02_MR
20	33457	GM_M45_B2_H03	GM_M45_B2_H03_MF	
	33458	GM_M45_B2_H03		GM_M45_B2_H03_MR
	33459	GM_M45_B2_H05	GM_M45_B2_H05_MF	
	33460	GM_M45_B2_H05		GM_M45_B2_H05_MR
	33461	GM_M45_B2_H06	GM_M45_B2_H06_MF	
25	33462	GM_M45_B2_H06		GM_M45_B2_H06_MR
	33463	GM_M45_B2_H07	GM_M45_B2_H07_MF	
	33464	GM_M45_B2_H07		GM_M45_B2_H07_MR
	33465	GM_M45_B2_H08	GM_M45_B2_H08_MF	
	33466	GM_M45_B2_H08		GM_M45_B2_H08_MR
30	33467	GM_M45_B2_H09	GM_M45_B2_H09_MF	
	33468	GM_M45_B2_H09		GM_M45_B2_H09_MR
	33469	GM_M45_B2_H10	GM_M45_B2_H10_MF	
	33470	GM_M45_B2_H10		GM_M45_B2_H10_MR
	33471	GM_M45_B2_H11	GM_M45_B2_H11_MF	
35	33472	GM_M45_B2_H11		GM_M45_B2_H11_MR
	33473	GM_M45_B2_H12	GM_M45_B2_H12_MF	
	33474	GM_M45_B2_H12		GM_M45_B2_H12_MR
	33475	GM_M46_A1_B01	GM_M46_A1_B01_MF	
	33476	GM_M46_A1_B02	GM_M46_A1_B02_MF	
40	33477	GM_M46_A1_B03	GM_M46_A1_B03_MF	
	33478	GM_M46_A1_B04	GM_M46_A1_B04_MF	
	33479	GM_M46_A1_B06	GM_M46_A1_B06_MF	
	33480	GM_M46_A1_B07	GM_M46_A1_B07_MF	
	33481	GM_M46_A1_B08	GM_M46_A1_B08_MF	
45	33482	GM_M46_A1_B10	GM_M46_A1_B10_MF	
	33483	GM_M46_A1_B11	GM_M46_A1_B11_MF	
	33484	GM_M46_A1_C02	GM_M46_A1_C02_MF	
	33485	GM_M46_A1_C03	GM_M46_A1_C03_MF	
	33486	GM_M46_A1_C04	GM_M46_A1_C04_MF	
50	33487	GM_M46_A1_C05	GM_M46_A1_C05_MF	
	33488	GM_M46_A1_C07	GM_M46_A1_C07_MF	
	33489	GM_M46_A1_C09	GM_M46_A1_C09_MF	
	33490	GM_M46_A1_C10	GM_M46_A1_C10_MF	
	33491	GM_M46_A1_C11	GM_M46_A1_C11_MF	
55	33492	GM_M46_A1_C12	GM_M46_A1_C12_MF	

	33493	GM_M46_A1_D01	GM_M46_A1_D01_MF	
	33494	GM_M46_A1_D02	GM_M46_A1_D02_MF	
	33495	GM_M46_A1_D04	GM_M46_A1_D04_MF	
	33496	GM_M46_A1_D05	GM_M46_A1_D05_MF	
5	33497	GM_M46_A1_D06	GM_M46_A1_D06_MF	
	33498	GM_M46_A1_D07	GM_M46_A1_D07_MF	
	33499	GM_M46_A1_D09	GM_M46_A1_D09_MF	
	33500	GM_M46_A1_D10	GM_M46_A1_D10_MF	
	33501	GM_M46_A1_D11	GM_M46_A1_D11_MF	
10	33502	GM_M46_A1_E11	GM_M46_A1_E11_MF	
	33503	GM_M46_A1_E12	GM_M46_A1_E12_MF	
	33504	GM_M46_A1_F03	GM_M46_A1_F03_MF	
	33505	GM_M46_A1_F05	GM_M46_A1_F05_MF	
	33506	GM_M46_A1_F06	GM_M46_A1_F06_MF	
15	33507	GM_M46_A1_F07	GM_M46_A1_F07_MF	
	33508	GM_M46_A1_F08	GM_M46_A1_F08_MF	
	33509	GM_M46_A1_F09	GM_M46_A1_F09_MF	
	33510	GM_M46_A1_F10	GM_M46_A1_F10_MF	
	33511	GM_M46_A1_F11	GM_M46_A1_F11_MF	
20	33512	GM_M46_A1_F12	GM_M46_A1_F12_MF	
	33513	GM_M46_A1_G01	GM_M46_A1_G01_MF	
	33514	GM_M46_A1_G02	GM_M46_A1_G02_MF	
	33515	GM_M46_A1_G04	GM_M46_A1_G04_MF	
	33516	GM_M46_A1_G05	GM_M46_A1_G05_MF	
25	33517	GM_M46_A1_G06	GM_M46_A1_G06_MF	
	33518	GM_M46_A1_G07	GM_M46_A1_G07_MF	
	33519	GM_M46_A1_G08	GM_M46_A1_G08_MF	
	33520	GM_M46_A1_G10	GM_M46_A1_G10_MF	
	33521	GM_M46_A1_G12	GM_M46_A1_G12_MF	
30	33522	GM_M46_A1_H02	GM_M46_A1_H02_MF	
	33523	GM_M46_A1_H03	GM_M46_A1_H03_MF	
	33524	GM_M46_A1_H04	GM_M46_A1_H04_MF	
	33525	GM_M46_A1_H05	GM_M46_A1_H05_MF	
	33526	GM_M46_A1_H06	GM_M46_A1_H06_MF	
35	33527	GM_M46_A1_H07	GM_M46_A1_H07_MF	
	33528	GM_M46_A1_H08	GM_M46_A1_H08_MF	
	33529	GM_M46_A1_H09	GM_M46_A1_H09_MF	
	33530	GM_M46_A1_H10	GM_M46_A1_H10_MF	
	33531	GM_M46_A1_H11	GM_M46_A1_H11_MF	
40	33532	GM_M46_A2_B01	GM_M46_A2_B01_MF	
	33533	GM_M46_A2_B01		GM_M46_A2_B01_MR
	33534	GM_M46_A2_B02	GM_M46_A2_B02_MF	
	33535	GM_M46_A2_B02		GM_M46_A2_B02_MR
	33536	GM_M46_A2_B03	GM_M46_A2_B03_MF	
45	33537	GM_M46_A2_B03		GM_M46_A2_B03_MR
	33538	GM_M46_A2_B04	GM_M46_A2_B04_MF	
	33539	GM_M46_A2_B04		GM_M46_A2_B04_MR
	33540	GM_M46_A2_B05	GM_M46_A2_B05_MF	
	33541	GM_M46_A2_B05		GM_M46_A2_B05_MR
50	33542	GM_M46_A2_B06	GM_M46_A2_B06_MF	
	33543	GM_M46_A2_B06		GM_M46_A2_B06_MR
	33544	GM_M46_A2_B07	GM_M46_A2_B07_MF	
	33545	GM_M46_A2_B07		GM_M46_A2_B07_MR
	33546	GM_M46_A2_B08	GM_M46_A2_B08_MF	
55	33547	GM_M46_A2_B08		GM_M46_A2_B08_MR

	33548	GM_M46_A2_B09	GM_M46_A2_B09_MF	
	33549	GM_M46_A2_B09		GM_M46_A2_B09_MR
	33550	GM_M46_A2_B10	GM_M46_A2_B10_MF	
	33551	GM_M46_A2_B10		GM_M46_A2_B10_MR
5	33552	GM_M46_A2_B11	GM_M46_A2_B11_MF	
	33553	GM_M46_A2_B11		GM_M46_A2_B11_MR
	33554	GM_M46_A2_C01	GM_M46_A2_C01_MF	
	33555	GM_M46_A2_C01		GM_M46_A2_C01_MR
	33556	GM_M46_A2_C02	GM_M46_A2_C02_MF	
10	33557	GM_M46_A2_C02		GM_M46_A2_C02_MR
	33558	GM_M46_A2_C03	GM_M46_A2_C03_MF	
	33559	GM_M46_A2_C03		GM_M46_A2_C03_MR
	33560	GM_M46_A2_C04	GM_M46_A2_C04_MF	
	33561	GM_M46_A2_C04		GM_M46_A2_C04_MR
15	33562	GM_M46_A2_C05	GM_M46_A2_C05_MF	
	33563	GM_M46_A2_C05		GM_M46_A2_C05_MR
	33564	GM_M46_A2_C06	GM_M46_A2_C06_MF	
	33565	GM_M46_A2_C06		GM_M46_A2_C06_MR
	33566	GM_M46_A2_C07	GM_M46_A2_C07_MF	
20	33567	GM_M46_A2_C07		GM_M46_A2_C07_MR
	33568	GM_M46_A2_C08	GM_M46_A2_C08_MF	
	33569	GM_M46_A2_C08		GM_M46_A2_C08_MR
	33570	GM_M46_A2_C09	GM_M46_A2_C09_MF	
	33571	GM_M46_A2_C09		GM_M46_A2_C09_MR
25	33572	GM_M46_A2_C10	GM_M46_A2_C10_MF	
	33573	GM_M46_A2_C10		GM_M46_A2_C10_MR
	33574	GM_M46_A2_C11	GM_M46_A2_C11_MF	
	33575	GM_M46_A2_C11		GM_M46_A2_C11_MR
	33576	GM_M46_A2_C12	GM_M46_A2_C12_MF	
30	33577	GM_M46_A2_C12		GM_M46_A2_C12_MR
	33578	GM_M46_A2_D01	GM_M46_A2_D01_MF	
	33579	GM_M46_A2_D01		GM_M46_A2_D01_MR
	33580	GM_M46_A2_D02	GM_M46_A2_D02_MF	
	33581	GM_M46_A2_D02		GM_M46_A2_D02_MR
35	33582	GM_M46_A2_D03	GM_M46_A2_D03_MF	
	33583	GM_M46_A2_D03		GM_M46_A2_D03_MR
	33584	GM_M46_A2_D04	GM_M46_A2_D04_MF	
	33585	GM_M46_A2_D04		GM_M46_A2_D04_MR
	33586	GM_M46_A2_D05	GM_M46_A2_D05_MF	
40	33587	GM_M46_A2_D05		GM_M46_A2_D05_MR
	33588	GM_M46_A2_D06		GM_M46_A2_D06_MR
	33589	GM_M46_A2_D07	GM_M46_A2_D07_MF	
	33590	GM_M46_A2_D07		GM_M46_A2_D07_MR
	33591	GM_M46_A2_D08	GM_M46_A2_D08_MF	
45	33592	GM_M46_A2_D08		GM_M46_A2_D08_MR
	33593	GM_M46_A2_D09	GM_M46_A2_D09_MF	
	33594	GM_M46_A2_D09		GM_M46_A2_D09_MR
	33595	GM_M46_A2_D10	GM_M46_A2_D10_MF	
	33596	GM_M46_A2_D10		GM_M46_A2_D10_MR
50	33597	GM_M46_A2_D11	GM_M46_A2_D11_MF	
	33598	GM_M46_A2_D11		GM_M46_A2_D11_MR
	33599	GM_M46_A2_D12	GM_M46_A2_D12_MF	
	33600	GM_M46_A2_D12		GM_M46_A2_D12_MR
	33601	GM_M46_A2_E12	GM_M46_A2_E12_MF	
55	33602	GM_M46_A2_E12		GM_M46_A2_E12_MR

	33603	GM_M46_A2_F01	GM_M46_A2_F01_MF	
	33604	GM_M46_A2_F01		GM_M46_A2_F01_MR
	33605	GM_M46_A2_F02	GM_M46_A2_F02_MF	
	33606	GM_M46_A2_F02		GM_M46_A2_F02_MR
5	33607	GM_M46_A2_F03	GM_M46_A2_F03_MF	
	33608	GM_M46_A2_F03		GM_M46_A2_F03_MR
	33609	GM_M46_A2_F04	GM_M46_A2_F04_MF	
	33610	GM_M46_A2_F04		GM_M46_A2_F04_MR
	33611	GM_M46_A2_F05	GM_M46_A2_F05_MF	
10	33612	GM_M46_A2_F05		GM_M46_A2_F05_MR
	33613	GM_M46_A2_F06	GM_M46_A2_F06_MF	
	33614	GM_M46_A2_F06		GM_M46_A2_F06_MR
	33615	GM_M46_A2_F07	GM_M46_A2_F07_MF	
	33616	GM_M46_A2_F07		GM_M46_A2_F07_MR
15	33617	GM_M46_A2_F08	GM_M46_A2_F08_MF	
	33618	GM_M46_A2_F08		GM_M46_A2_F08_MR
	33619	GM_M46_A2_F09	GM_M46_A2_F09_MF	
	33620	GM_M46_A2_F09		GM_M46_A2_F09_MR
	33621	GM_M46_A2_F10	GM_M46_A2_F10_MF	
20	33622	GM_M46_A2_F10		GM_M46_A2_F10_MR
	33623	GM_M46_A2_F11	GM_M46_A2_F11_MF	
	33624	GM_M46_A2_F11		GM_M46_A2_F11_MR
	33625	GM_M46_A2_F12	GM_M46_A2_F12_MF	
	33626	GM_M46_A2_F12		GM_M46_A2_F12_MR
25	33627	GM_M46_A2_G01	GM_M46_A2_G01_MF	
	33628	GM_M46_A2_G01		GM_M46_A2_G01_MR
	33629	GM_M46_A2_G02	GM_M46_A2_G02_MF	
	33630	GM_M46_A2_G02		GM_M46_A2_G02_MR
	33631	GM_M46_A2_G03	GM_M46_A2_G03_MF	
30	33632	GM_M46_A2_G03		GM_M46_A2_G03_MR
	33633	GM_M46_A2_G04	GM_M46_A2_G04_MF	
	33634	GM_M46_A2_G04		GM_M46_A2_G04_MR
	33635	GM_M46_A2_G05	GM_M46_A2_G05_MF	
	33636	GM_M46_A2_G05		GM_M46_A2_G05_MR
35	33637	GM_M46_A2_G06	GM_M46_A2_G06_MF	
	33638	GM_M46_A2_G06		GM_M46_A2_G06_MR
	33639	GM_M46_A2_G07	GM_M46_A2_G07_MF	
	33640	GM_M46_A2_G07		GM_M46_A2_G07_MR
	33641	GM_M46_A2_G08	GM_M46_A2_G08_MF	
40	33642	GM_M46_A2_G08		GM_M46_A2_G08_MR
	33643	GM_M46_A2_G09	GM_M46_A2_G09_MF	
	33644	GM_M46_A2_G09		GM_M46_A2_G09_MR
	33645	GM_M46_A2_G10	GM_M46_A2_G10_MF	
	33646	GM_M46_A2_G10		GM_M46_A2_G10_MR
45	33647	GM_M46_A2_G11	GM_M46_A2_G11_MF	
	33648	GM_M46_A2_G11		GM_M46_A2_G11_MR
	33649	GM_M46_A2_G12	GM_M46_A2_G12_MF	
	33650	GM_M46_A2_G12		GM_M46_A2_G12_MR
	33651	GM_M46_A2_H01	GM_M46_A2_H01_MF	
50	33652	GM_M46_A2_H01		GM_M46_A2_H01_MR
	33653	GM_M46_A2_H02	GM_M46_A2_H02_MF	
	33654	GM_M46_A2_H02		GM_M46_A2_H02_MR
	33655	GM_M46_A2_H03	GM_M46_A2_H03_MF	
	33656	GM_M46_A2_H03		GM_M46_A2_H03_MR
55	33657	GM_M46_A2_H04	GM_M46_A2_H04_MF	

	33658	GM_M46_A2_H04		GM_M46_A2_H04_MR
	33659	GM_M46_A2_H05	GM_M46_A2_H05_MF	
	33660	GM_M46_A2_H05		GM_M46_A2_H05_MR
	33661	GM_M46_A2_H06	GM_M46_A2_H06_MF	
5	33662	GM_M46_A2_H06		GM_M46_A2_H06_MR
	33663	GM_M46_A2_H07	GM_M46_A2_H07_MF	
	33664	GM_M46_A2_H07		GM_M46_A2_H07_MR
	33665	GM_M46_A2_H08	GM_M46_A2_H08_MF	
	33666	GM_M46_A2_H08		GM_M46_A2_H08_MR
10	33667	GM_M46_A2_H09	GM_M46_A2_H09_MF	
	33668	GM_M46_A2_H09		GM_M46_A2_H09_MR
	33669	GM_M46_A2_H10	GM_M46_A2_H10_MF	
	33670	GM_M46_A2_H11	GM_M46_A2_H11_MF	
	33671	GM_M46_A2_H11		GM_M46_A2_H11_MR
15	33672	GM_M46_A2_H12	GM_M46_A2_H12_MF	
	33673	GM_M46_A2_H12		GM_M46_A2_H12_MR
	33674	GM_M46_B1_A02		GM_M46_B1_A02_MR
	33675	GM_M46_B1_A03		GM_M46_B1_A03_MR
	33676	GM_M46_B1_A04		GM_M46_B1_A04_MR
20	33677	GM_M46_B1_A05		GM_M46_B1_A05_MR
	33678	GM_M46_B1_A06		GM_M46_B1_A06_MR
	33679	GM_M46_B1_A07		GM_M46_B1_A07_MR
	33680	GM_M46_B1_A08		GM_M46_B1_A08_MR
	33681	GM_M46_B1_A09		GM_M46_B1_A09_MR
25	33682	GM_M46_B1_A10		GM_M46_B1_A10_MR
	33683	GM_M46_B1_A11		GM_M46_B1_A11_MR
	33684	GM_M46_B1_A12		GM_M46_B1_A12_MR
	33685	GM_M46_B1_B01		GM_M46_B1_B01_MR
	33686	GM_M46_B1_B02		GM_M46_B1_B02_MR
30	33687	GM_M46_B1_B03		GM_M46_B1_B03_MR
	33688	GM_M46_B1_B05		GM_M46_B1_B05_MR
	33689	GM_M46_B1_B06		GM_M46_B1_B06_MR
	33690	GM_M46_B1_B07		GM_M46_B1_B07_MR
	33691	GM_M46_B1_B08		GM_M46_B1_B08_MR
35	33692	GM_M46_B1_B09		GM_M46_B1_B09_MR
	33693	GM_M46_B1_B10		GM_M46_B1_B10_MR
	33694	GM_M46_B1_B11		GM_M46_B1_B11_MR
	33695	GM_M46_B1_B12		GM_M46_B1_B12_MR
	33696	GM_M46_B1_C02		GM_M46_B1_C02_MR
40	33697	GM_M46_B1_C03		GM_M46_B1_C03_MR
	33698	GM_M46_B1_C04		GM_M46_B1_C04_MR
	33699	GM_M46_B1_C05		GM_M46_B1_C05_MR
	33700	GM_M46_B1_C06		GM_M46_B1_C06_MR
	33701	GM_M46_B1_C07		GM_M46_B1_C07_MR
45	33702	GM_M46_B1_C08		GM_M46_B1_C08_MR
	33703	GM_M46_B1_C09		GM_M46_B1_C09_MR
	33704	GM_M46_B1_C10		GM_M46_B1_C10_MR
	33705	GM_M46_B1_C11		GM_M46_B1_C11_MR
	33706	GM_M46_B1_C12		GM_M46_B1_C12_MR
50	33707	GM_M46_B1_D01		GM_M46_B1_D01_MR
	33708	GM_M46_B1_D02		GM_M46_B1_D02_MR
	33709	GM_M46_B1_D03		GM_M46_B1_D03_MR
	33710	GM_M46_B1_D04		GM_M46_B1_D04_MR
	33711	GM_M46_B1_D05		GM_M46_B1_D05_MR
55	33712	GM_M46_B1_D06		GM_M46_B1_D06_MR

	33713	GM_M46_B1_D07	GM_M46_B1_D07_MR
	33714	GM_M46_B1_D08	GM_M46_B1_D08_MR
	33715	GM_M46_B1_D09	GM_M46_B1_D09_MR
	33716	GM_M46_B1_D10	GM_M46_B1_D10_MR
5	33717	GM_M46_B1_D11	GM_M46_B1_D11_MR
	33718	GM_M46_B1_D12	GM_M46_B1_D12_MR
	33719	GM_M46_B1_E01	GM_M46_B1_E01_MR
	33720	GM_M46_B1_E02	GM_M46_B1_E02_MR
	33721	GM_M46_B1_E03	GM_M46_B1_E03_MR
10	33722	GM_M46_B1_E04	GM_M46_B1_E04_MR
	33723	GM_M46_B1_E05	GM_M46_B1_E05_MR
	33724	GM_M46_B1_E07	GM_M46_B1_E07_MR
	33725	GM_M46_B1_E08	GM_M46_B1_E08_MR
	33726	GM_M46_B1_E10	GM_M46_B1_E10_MR
15	33727	GM_M46_B1_E11	GM_M46_B1_E11_MR
	33728	GM_M46_B1_E12	GM_M46_B1_E12_MR
	33729	GM_M46_B1_F01	GM_M46_B1_F01_MR
	33730	GM_M46_B1_F02	GM_M46_B1_F02_MR
	33731	GM_M46_B1_F03	GM_M46_B1_F03_MR
20	33732	GM_M46_B1_F04	GM_M46_B1_F04_MR
	33733	GM_M46_B1_F05	GM_M46_B1_F05_MR
	33734	GM_M46_B1_F06	GM_M46_B1_F06_MR
	33735	GM_M46_B1_F07	GM_M46_B1_F07_MR
	33736	GM_M46_B1_F08	GM_M46_B1_F08_MR
25	33737	GM_M46_B1_F09	GM_M46_B1_F09_MR
	33738	GM_M46_B1_F10	GM_M46_B1_F10_MR
	33739	GM_M46_B1_F11	GM_M46_B1_F11_MR
	33740	GM_M46_B1_F12	GM_M46_B1_F12_MR
	33741	GM_M46_B1_G01	GM_M46_B1_G01_MR
30	33742	GM_M46_B1_G03	GM_M46_B1_G03_MR
	33743	GM_M46_B1_G04	GM_M46_B1_G04_MR
	33744	GM_M46_B1_G05	GM_M46_B1_G05_MR
	33745	GM_M46_B1_G06	GM_M46_B1_G06_MR
	33746	GM_M46_B1_G07	GM_M46_B1_G07_MR
35	33747	GM_M46_B1_G08	GM_M46_B1_G08_MR
	33748	GM_M46_B1_G09	GM_M46_B1_G09_MR
	33749	GM_M46_B1_G10	GM_M46_B1_G10_MR
	33750	GM_M46_B1_G11	GM_M46_B1_G11_MR
	33751	GM_M46_B1_G12	GM_M46_B1_G12_MR
40	33752	GM_M46_B1_H01	GM_M46_B1_H01_MR
	33753	GM_M46_B1_H02	GM_M46_B1_H02_MR
	33754	GM_M46_B1_H03	GM_M46_B1_H03_MR
	33755	GM_M46_B1_H04	GM_M46_B1_H04_MR
	33756	GM_M46_B1_H05	GM_M46_B1_H05_MR
45	33757	GM_M46_B1_H06	GM_M46_B1_H06_MR
	33758	GM_M46_B1_H07	GM_M46_B1_H07_MR
	33759	GM_M46_B1_H08	GM_M46_B1_H08_MR
	33760	GM_M46_B1_H09	GM_M46_B1_H09_MR
	33761	GM_M46_B1_H11	GM_M46_B1_H11_MR
50	33762	GM_M46_B1_H12	GM_M46_B1_H12_MR
	33763	GM_M46_B2_A01	GM_M46_B2_A01_MF
	33764	GM_M46_B2_A02	GM_M46_B2_A02_MF
	33765	GM_M46_B2_A02	GM_M46_B2_A02_MR
	33766	GM_M46_B2_A03	GM_M46_B2_A03_MF
55	33767	GM_M46_B2_A03	GM_M46_B2_A03_MR

	33768	GM_M46_B2_A04		GM_M46_B2_A04_MR
	33769	GM_M46_B2_A05		GM_M46_B2_A05_MR
	33770	GM_M46_B2_A06	GM_M46_B2_A06_MF	
	33771	GM_M46_B2_A06		GM_M46_B2_A06_MR
5	33772	GM_M46_B2_A07	GM_M46_B2_A07_MF	
	33773	GM_M46_B2_A07		GM_M46_B2_A07_MR
	33774	GM_M46_B2_A08		GM_M46_B2_A08_MR
	33775	GM_M46_B2_A09		GM_M46_B2_A09_MR
	33776	GM_M46_B2_A10	GM_M46_B2_A10_MF	
10	33777	GM_M46_B2_A10		GM_M46_B2_A10_MR
	33778	GM_M46_B2_A11	GM_M46_B2_A11_MF	
	33779	GM_M46_B2_A11		GM_M46_B2_A11_MR
	33780	GM_M46_B2_A12	GM_M46_B2_A12_MF	
	33781	GM_M46_B2_A12		GM_M46_B2_A12_MR
15	33782	GM_M46_B2_B01	GM_M46_B2_B01_MF	
	33783	GM_M46_B2_B01		GM_M46_B2_B01_MR
	33784	GM_M46_B2_B02	GM_M46_B2_B02_MF	
	33785	GM_M46_B2_B02		GM_M46_B2_B02_MR
	33786	GM_M46_B2_B03	GM_M46_B2_B03_MF	
20	33787	GM_M46_B2_B03		GM_M46_B2_B03_MR
	33788	GM_M46_B2_B04	GM_M46_B2_B04_MF	
	33789	GM_M46_B2_B04		GM_M46_B2_B04_MR
	33790	GM_M46_B2_B05	GM_M46_B2_B05_MF	
	33791	GM_M46_B2_B05		GM_M46_B2_B05_MR
25	33792	GM_M46_B2_B06	GM_M46_B2_B06_MF	
	33793	GM_M46_B2_B06		GM_M46_B2_B06_MR
	33794	GM_M46_B2_B07	GM_M46_B2_B07_MF	
	33795	GM_M46_B2_B07		GM_M46_B2_B07_MR
	33796	GM_M46_B2_B08	GM_M46_B2_B08_MF	
30	33797	GM_M46_B2_B08		GM_M46_B2_B08_MR
	33798	GM_M46_B2_B09	GM_M46_B2_B09_MF	
	33799	GM_M46_B2_B09		GM_M46_B2_B09_MR
	33800	GM_M46_B2_B10		GM_M46_B2_B10_MR
	33801	GM_M46_B2_B12	GM_M46_B2_B12_MF	
35	33802	GM_M46_B2_B12		GM_M46_B2_B12_MR
	33803	GM_M46_B2_C01	GM_M46_B2_C01_MF	
	33804	GM_M46_B2_C01		GM_M46_B2_C01_MR
	33805	GM_M46_B2_C02	GM_M46_B2_C02_MF	
	33806	GM_M46_B2_C02		GM_M46_B2_C02_MR
40	33807	GM_M46_B2_C03	GM_M46_B2_C03_MF	
	33808	GM_M46_B2_C03		GM_M46_B2_C03_MR
	33809	GM_M46_B2_C04	GM_M46_B2_C04_MF	
	33810	GM_M46_B2_C04		GM_M46_B2_C04_MR
	33811	GM_M46_B2_C05	GM_M46_B2_C05_MF	
45	33812	GM_M46_B2_C05		GM_M46_B2_C05_MR
	33813	GM_M46_B2_C06	GM_M46_B2_C06_MF	
	33814	GM_M46_B2_C06		GM_M46_B2_C06_MR
	33815	GM_M46_B2_C07	GM_M46_B2_C07_MF	
	33816	GM_M46_B2_C07		GM_M46_B2_C07_MR
50	33817	GM_M46_B2_C08	GM_M46_B2_C08_MF	
	33818	GM_M46_B2_C08		GM_M46_B2_C08_MR
	33819	GM_M46_B2_C09	GM_M46_B2_C09_MF	
	33820	GM_M46_B2_C09		GM_M46_B2_C09_MR
	33821	GM_M46_B2_C10		GM_M46_B2_C10_MR
55	33822	GM_M46_B2_C11	GM_M46_B2_C11_MF	

	33823	GM_M46_B2_C11		GM_M46_B2_C11_MR
	33824	GM_M46_B2_C12	GM_M46_B2_C12_MF	
	33825	GM_M46_B2_C12		GM_M46_B2_C12_MR
	33826	GM_M46_B2_D01	GM_M46_B2_D01_MF	
5	33827	GM_M46_B2_D01		GM_M46_B2_D01_MR
	33828	GM_M46_B2_D02	GM_M46_B2_D02_MF	
	33829	GM_M46_B2_D02		GM_M46_B2_D02_MR
	33830	GM_M46_B2_D03	GM_M46_B2_D03_MF	
	33831	GM_M46_B2_D03		GM_M46_B2_D03_MR
10	33832	GM_M46_B2_D04	GM_M46_B2_D04_MF	
	33833	GM_M46_B2_D04		GM_M46_B2_D04_MR
	33834	GM_M46_B2_D05	GM_M46_B2_D05_MF	
	33835	GM_M46_B2_D05		GM_M46_B2_D05_MR
	33836	GM_M46_B2_D06	GM_M46_B2_D06_MF	
15	33837	GM_M46_B2_D06		GM_M46_B2_D06_MR
	33838	GM_M46_B2_D07	GM_M46_B2_D07_MF	
	33839	GM_M46_B2_D07		GM_M46_B2_D07_MR
	33840	GM_M46_B2_D08	GM_M46_B2_D08_MF	
	33841	GM_M46_B2_D08		GM_M46_B2_D08_MR
20	33842	GM_M46_B2_D09	GM_M46_B2_D09_MF	
	33843	GM_M46_B2_D09		GM_M46_B2_D09_MR
	33844	GM_M46_B2_D10	GM_M46_B2_D10_MF	
	33845	GM_M46_B2_D10		GM_M46_B2_D10_MR
	33846	GM_M46_B2_D11	GM_M46_B2_D11_MF	
25	33847	GM_M46_B2_D12		GM_M46_B2_D12_MR
	33848	GM_M46_B2_E01	GM_M46_B2_E01_MF	
	33849	GM_M46_B2_E01		GM_M46_B2_E01_MR
	33850	GM_M46_B2_E02	GM_M46_B2_E02_MF	
	33851	GM_M46_B2_E02		GM_M46_B2_E02_MR
30	33852	GM_M46_B2_E03		GM_M46_B2_E03_MR
	33853	GM_M46_B2_E04		GM_M46_B2_E04_MR
	33854	GM_M46_B2_E05	GM_M46_B2_E05_MF	
	33855	GM_M46_B2_E05		GM_M46_B2_E05_MR
	33856	GM_M46_B2_E06	GM_M46_B2_E06_MF	
35	33857	GM_M46_B2_E06		GM_M46_B2_E06_MR
	33858	GM_M46_B2_E07	GM_M46_B2_E07_MF	
	33859	GM_M46_B2_E07		GM_M46_B2_E07_MR
	33860	GM_M46_B2_E08		GM_M46_B2_E08_MR
	33861	GM_M46_B2_E09		GM_M46_B2_E09_MR
40	33862	GM_M46_B2_E10	GM_M46_B2_E10_MF	
	33863	GM_M46_B2_E10		GM_M46_B2_E10_MR
	33864	GM_M46_B2_E11		GM_M46_B2_E11_MR
	33865	GM_M46_B2_E12		GM_M46_B2_E12_MR
	33866	GM_M46_B2_F01	GM_M46_B2_F01_MF	
45	33867	GM_M46_B2_F01		GM_M46_B2_F01_MR
	33868	GM_M46_B2_F02	GM_M46_B2_F02_MF	
	33869	GM_M46_B2_F02		GM_M46_B2_F02_MR
	33870	GM_M46_B2_F03		GM_M46_B2_F03_MR
	33871	GM_M46_B2_F04	GM_M46_B2_F04_MF	
50	33872	GM_M46_B2_F04		GM_M46_B2_F04_MR
	33873	GM_M46_B2_F05	GM_M46_B2_F05_MF	
	33874	GM_M46_B2_F05		GM_M46_B2_F05_MR
	33875	GM_M46_B2_F06	GM_M46_B2_F06_MF	
	33876	GM_M46_B2_F06		GM_M46_B2_F06_MR
55	33877	GM_M46_B2_F08	GM_M46_B2_F08_MF	

	33878	GM_M46_B2_F08		GM_M46_B2_F08_MR
	33879	GM_M46_B2_F09	GM_M46_B2_F09_MF	
	33880	GM_M46_B2_F09		GM_M46_B2_F09_MR
	33881	GM_M46_B2_F10	GM_M46_B2_F10_MF	
5	33882	GM_M46_B2_F10		GM_M46_B2_F10_MR
	33883	GM_M46_B2_F11	GM_M46_B2_F11_MF	
	33884	GM_M46_B2_F11		GM_M46_B2_F11_MR
	33885	GM_M46_B2_F12	GM_M46_B2_F12_MF	
	33886	GM_M46_B2_F12		GM_M46_B2_F12_MR
10	33887	GM_M46_B2_G01	GM_M46_B2_G01_MF	
	33888	GM_M46_B2_G01		GM_M46_B2_G01_MR
	33889	GM_M46_B2_G02	GM_M46_B2_G02_MF	
	33890	GM_M46_B2_G02		GM_M46_B2_G02_MR
	33891	GM_M46_B2_G03	GM_M46_B2_G03_MF	
15	33892	GM_M46_B2_G03		GM_M46_B2_G03_MR
	33893	GM_M46_B2_G04	GM_M46_B2_G04_MF	
	33894	GM_M46_B2_G04		GM_M46_B2_G04_MR
	33895	GM_M46_B2_G05	GM_M46_B2_G05_MF	
	33896	GM_M46_B2_G05		GM_M46_B2_G05_MR
20	33897	GM_M46_B2_G07	GM_M46_B2_G07_MF	
	33898	GM_M46_B2_G07		GM_M46_B2_G07_MR
	33899	GM_M46_B2_G08	GM_M46_B2_G08_MF	
	33900	GM_M46_B2_G08		GM_M46_B2_G08_MR
	33901	GM_M46_B2_G09	GM_M46_B2_G09_MF	
25	33902	GM_M46_B2_G09		GM_M46_B2_G09_MR
	33903	GM_M46_B2_G11	GM_M46_B2_G11_MF	
	33904	GM_M46_B2_G11		GM_M46_B2_G11_MR
	33905	GM_M46_B2_G12	GM_M46_B2_G12_MF	
	33906	GM_M46_B2_G12		GM_M46_B2_G12_MR
30	33907	GM_M46_B2_H01	GM_M46_B2_H01_MF	
	33908	GM_M46_B2_H01		GM_M46_B2_H01_MR
	33909	GM_M46_B2_H02	GM_M46_B2_H02_MF	
	33910	GM_M46_B2_H02		GM_M46_B2_H02_MR
	33911	GM_M46_B2_H03	GM_M46_B2_H03_MF	
35	33912	GM_M46_B2_H03		GM_M46_B2_H03_MR
	33913	GM_M46_B2_H04	GM_M46_B2_H04_MF	
	33914	GM_M46_B2_H04		GM_M46_B2_H04_MR
	33915	GM_M46_B2_H05	GM_M46_B2_H05_MF	
	33916	GM_M46_B2_H05		GM_M46_B2_H05_MR
40	33917	GM_M46_B2_H06	GM_M46_B2_H06_MF	
	33918	GM_M46_B2_H06		GM_M46_B2_H06_MR
	33919	GM_M46_B2_H07	GM_M46_B2_H07_MF	
	33920	GM_M46_B2_H07		GM_M46_B2_H07_MR
	33921	GM_M46_B2_H08	GM_M46_B2_H08_MF	
45	33922	GM_M46_B2_H08		GM_M46_B2_H08_MR
	33923	GM_M46_B2_H09	GM_M46_B2_H09_MF	
	33924	GM_M46_B2_H09		GM_M46_B2_H09_MR
	33925	GM_M46_B2_H10	GM_M46_B2_H10_MF	
	33926	GM_M46_B2_H10		GM_M46_B2_H10_MR
50	33927	GM_M46_B2_H11	GM_M46_B2_H11_MF	
	33928	GM_M46_B2_H11		GM_M46_B2_H11_MR
	33929	GM_M46_B2_H12	GM_M46_B2_H12_MF	
	33930	GM_M46_B2_H12		GM_M46_B2_H12_MR
	33931	GM_M47_A1_A10	GM_M47_A1_A10_MF	
55	33932	GM_M47_A1_A11	GM_M47_A1_A11_MF	

	33933	GM_M47_A1_A12	GM_M47_A1_A12_MF
	33934	GM_M47_A1_B02	GM_M47_A1_B02_MF
	33935	GM_M47_A1_B05	GM_M47_A1_B05_MF
	33936	GM_M47_A1_B06	GM_M47_A1_B06_MF
5	33937	GM_M47_A1_B07	GM_M47_A1_B07_MF
	33938	GM_M47_A1_B08	GM_M47_A1_B08_MF
	33939	GM_M47_A1_B10	GM_M47_A1_B10_MF
	33940	GM_M47_A1_B11	GM_M47_A1_B11_MF
	33941	GM_M47_A1_B12	GM_M47_A1_B12_MF
10	33942	GM_M47_A1_C01	GM_M47_A1_C01_MF
	33943	GM_M47_A1_C02	GM_M47_A1_C02_MF
	33944	GM_M47_A1_C03	GM_M47_A1_C03_MF
	33945	GM_M47_A1_C05	GM_M47_A1_C05_MF
	33946	GM_M47_A1_C06	GM_M47_A1_C06_MF
15	33947	GM_M47_A1_C07	GM_M47_A1_C07_MF
	33948	GM_M47_A1_C08	GM_M47_A1_C08_MF
	33949	GM_M47_A1_C09	GM_M47_A1_C09_MF
	33950	GM_M47_A1_C10	GM_M47_A1_C10_MF
	33951	GM_M47_A1_C11	GM_M47_A1_C11_MF
20	33952	GM_M47_A1_C12	GM_M47_A1_C12_MF
	33953	GM_M47_A1_D02	GM_M47_A1_D02_MF
	33954	GM_M47_A1_D05	GM_M47_A1_D05_MF
	33955	GM_M47_A1_D06	GM_M47_A1_D06_MF
	33956	GM_M47_A1_D07	GM_M47_A1_D07_MF
25	33957	GM_M47_A1_D08	GM_M47_A1_D08_MF
	33958	GM_M47_A1_D09	GM_M47_A1_D09_MF
	33959	GM_M47_A1_D10	GM_M47_A1_D10_MF
	33960	GM_M47_A1_D11	GM_M47_A1_D11_MF
	33961	GM_M47_A1_D12	GM_M47_A1_D12_MF
30	33962	GM_M47_A1_F01	GM_M47_A1_F01_MF
	33963	GM_M47_A1_F02	GM_M47_A1_F02_MF
	33964	GM_M47_A1_F04	GM_M47_A1_F04_MF
	33965	GM_M47_A1_F05	GM_M47_A1_F05_MF
	33966	GM_M47_A1_F08	GM_M47_A1_F08_MF
35	33967	GM_M47_A1_F09	GM_M47_A1_F09_MF
	33968	GM_M47_A1_F10	GM_M47_A1_F10_MF
	33969	GM_M47_A1_F12	GM_M47_A1_F12_MF
	33970	GM_M47_A1_G01	GM_M47_A1_G01_MF
	33971	GM_M47_A1_G02	GM_M47_A1_G02_MF
40	33972	GM_M47_A1_G03	GM_M47_A1_G03_MF
	33973	GM_M47_A1_G04	GM_M47_A1_G04_MF
	33974	GM_M47_A1_G05	GM_M47_A1_G05_MF
	33975	GM_M47_A1_G06	GM_M47_A1_G06_MF
	33976	GM_M47_A1_G07	GM_M47_A1_G07_MF
45	33977	GM_M47_A1_G08	GM_M47_A1_G08_MF
	33978	GM_M47_A1_G09	GM_M47_A1_G09_MF
	33979	GM_M47_A1_G10	GM_M47_A1_G10_MF
	33980	GM_M47_A1_G11	GM_M47_A1_G11_MF
	33981	GM_M47_A1_G12	GM_M47_A1_G12_MF
50	33982	GM_M47_A1_H01	GM_M47_A1_H01_MF
	33983	GM_M47_A1_H02	GM_M47_A1_H02_MF
	33984	GM_M47_A1_H03	GM_M47_A1_H03_MF
	33985	GM_M47_A1_H04	GM_M47_A1_H04_MF
	33986	GM_M47_A1_H05	GM_M47_A1_H05_MF
55	33987	GM_M47_A1_H06	GM_M47_A1_H06_MF

	33988	GM_M47_A1_H07	GM_M47_A1_H07_MF	
	33989	GM_M47_A1_H08	GM_M47_A1_H08_MF	
	33990	GM_M47_A1_H09	GM_M47_A1_H09_MF	
	33991	GM_M47_A1_H10	GM_M47_A1_H10_MF	
5	33992	GM_M47_A1_H11	GM_M47_A1_H11_MF	
	33993	GM_M47_A1_H12	GM_M47_A1_H12_MF	
	33994	GM_M47_A2_A08		GM_M47_A2_A08_MR
	33995	GM_M47_A2_A10	GM_M47_A2_A10_MF	
	33996	GM_M47_A2_B02	GM_M47_A2_B02_MF	
10	33997	GM_M47_A2_B02		GM_M47_A2_B02_MR
	33998	GM_M47_A2_B04	GM_M47_A2_B04_MF	
	33999	GM_M47_A2_B04		GM_M47_A2_B04_MR
	34000	GM_M47_A2_B05	GM_M47_A2_B05_MF	
	34001	GM_M47_A2_B05		GM_M47_A2_B05_MR
15	34002	GM_M47_A2_B06	GM_M47_A2_B06_MF	
	34003	GM_M47_A2_B06		GM_M47_A2_B06_MR
	34004	GM_M47_A2_B07	GM_M47_A2_B07_MF	
	34005	GM_M47_A2_B07		GM_M47_A2_B07_MR
	34006	GM_M47_A2_B08	GM_M47_A2_B08_MF	
20	34007	GM_M47_A2_B08		GM_M47_A2_B08_MR
	34008	GM_M47_A2_B09	GM_M47_A2_B09_MF	
	34009	GM_M47_A2_B09		GM_M47_A2_B09_MR
	34010	GM_M47_A2_B10	GM_M47_A2_B10_MF	
	34011	GM_M47_A2_B10		GM_M47_A2_B10_MR
25	34012	GM_M47_A2_B11	GM_M47_A2_B11_MF	
	34013	GM_M47_A2_B11		GM_M47_A2_B11_MR
	34014	GM_M47_A2_B12	GM_M47_A2_B12_MF	
	34015	GM_M47_A2_B12		GM_M47_A2_B12_MR
	34016	GM_M47_A2_C01	GM_M47_A2_C01_MF	
30	34017	GM_M47_A2_C01		GM_M47_A2_C01_MR
	34018	GM_M47_A2_C03	GM_M47_A2_C03_MF	
	34019	GM_M47_A2_C03		GM_M47_A2_C03_MR
	34020	GM_M47_A2_C04	GM_M47_A2_C04_MF	
	34021	GM_M47_A2_C04		GM_M47_A2_C04_MR
35	34022	GM_M47_A2_C05	GM_M47_A2_C05_MF	
	34023	GM_M47_A2_C05		GM_M47_A2_C05_MR
	34024	GM_M47_A2_C06	GM_M47_A2_C06_MF	
	34025	GM_M47_A2_C06		GM_M47_A2_C06_MR
	34026	GM_M47_A2_C07	GM_M47_A2_C07_MF	
40	34027	GM_M47_A2_C07		GM_M47_A2_C07_MR
	34028	GM_M47_A2_C08	GM_M47_A2_C08_MF	
	34029	GM_M47_A2_C08		GM_M47_A2_C08_MR
	34030	GM_M47_A2_C09	GM_M47_A2_C09_MF	
	34031	GM_M47_A2_C09		GM_M47_A2_C09_MR
45	34032	GM_M47_A2_C10	GM_M47_A2_C10_MF	
	34033	GM_M47_A2_C10		GM_M47_A2_C10_MR
	34034	GM_M47_A2_C11	GM_M47_A2_C11_MF	
	34035	GM_M47_A2_C11		GM_M47_A2_C11_MR
	34036	GM_M47_A2_C12	GM_M47_A2_C12_MF	
50	34037	GM_M47_A2_C12		GM_M47_A2_C12_MR
	34038	GM_M47_A2_D01	GM_M47_A2_D01_MF	
	34039	GM_M47_A2_D01		GM_M47_A2_D01_MR
	34040	GM_M47_A2_D02	GM_M47_A2_D02_MF	
	34041	GM_M47_A2_D02		GM_M47_A2_D02_MR
55	34042	GM_M47_A2_D03	GM_M47_A2_D03_MF	

	34043	GM_M47_A2_D03		GM_M47_A2_D03_MR
	34044	GM_M47_A2_D04	GM_M47_A2_D04_MF	
	34045	GM_M47_A2_D04		GM_M47_A2_D04_MR
	34046	GM_M47_A2_D05	GM_M47_A2_D05_MF	
5	34047	GM_M47_A2_D05		GM_M47_A2_D05_MR
	34048	GM_M47_A2_D06	GM_M47_A2_D06_MF	
	34049	GM_M47_A2_D06		GM_M47_A2_D06_MR
	34050	GM_M47_A2_D07	GM_M47_A2_D07_MF	
	34051	GM_M47_A2_D07		GM_M47_A2_D07_MR
10	34052	GM_M47_A2_D08	GM_M47_A2_D08_MF	
	34053	GM_M47_A2_D08		GM_M47_A2_D08_MR
	34054	GM_M47_A2_D09	GM_M47_A2_D09_MF	
	34055	GM_M47_A2_D09		GM_M47_A2_D09_MR
	34056	GM_M47_A2_D10	GM_M47_A2_D10_MF	
15	34057	GM_M47_A2_D10		GM_M47_A2_D10_MR
	34058	GM_M47_A2_D11	GM_M47_A2_D11_MF	
	34059	GM_M47_A2_D11		GM_M47_A2_D11_MR
	34060	GM_M47_A2_D12		GM_M47_A2_D12_MR
	34061	GM_M47_A2_E11		GM_M47_A2_E11_MR
20	34062	GM_M47_A2_F01	GM_M47_A2_F01_MF	
	34063	GM_M47_A2_F01		GM_M47_A2_F01_MR
	34064	GM_M47_A2_F03	GM_M47_A2_F03_MF	
	34065	GM_M47_A2_F03		GM_M47_A2_F03_MR
	34066	GM_M47_A2_F04	GM_M47_A2_F04_MF	
25	34067	GM_M47_A2_F04		GM_M47_A2_F04_MR
	34068	GM_M47_A2_F05	GM_M47_A2_F05_MF	
	34069	GM_M47_A2_F05		GM_M47_A2_F05_MR
	34070	GM_M47_A2_F06	GM_M47_A2_F06_MF	
	34071	GM_M47_A2_F06		GM_M47_A2_F06_MR
30	34072	GM_M47_A2_F07	GM_M47_A2_F07_MF	
	34073	GM_M47_A2_F07		GM_M47_A2_F07_MR
	34074	GM_M47_A2_F08	GM_M47_A2_F08_MF	
	34075	GM_M47_A2_F08		GM_M47_A2_F08_MR
	34076	GM_M47_A2_F09	GM_M47_A2_F09_MF	
35	34077	GM_M47_A2_F09		GM_M47_A2_F09_MR
	34078	GM_M47_A2_F10	GM_M47_A2_F10_MF	
	34079	GM_M47_A2_F10		GM_M47_A2_F10_MR
	34080	GM_M47_A2_F11	GM_M47_A2_F11_MF	
	34081	GM_M47_A2_F11		GM_M47_A2_F11_MR
40	34082	GM_M47_A2_F12	GM_M47_A2_F12_MF	
	34083	GM_M47_A2_F12		GM_M47_A2_F12_MR
	34084	GM_M47_A2_G01	GM_M47_A2_G01_MF	
	34085	GM_M47_A2_G01		GM_M47_A2_G01_MR
	34086	GM_M47_A2_G02	GM_M47_A2_G02_MF	
45	34087	GM_M47_A2_G02		GM_M47_A2_G02_MR
	34088	GM_M47_A2_G03	GM_M47_A2_G03_MF	
	34089	GM_M47_A2_G03		GM_M47_A2_G03_MR
	34090	GM_M47_A2_G04	GM_M47_A2_G04_MF	
	34091	GM_M47_A2_G04		GM_M47_A2_G04_MR
50	34092	GM_M47_A2_G05	GM_M47_A2_G05_MF	
	34093	GM_M47_A2_G05		GM_M47_A2_G05_MR
	34094	GM_M47_A2_G06	GM_M47_A2_G06_MF	
	34095	GM_M47_A2_G06		GM_M47_A2_G06_MR
	34096	GM_M47_A2_G07	GM_M47_A2_G07_MF	
55	34097	GM_M47_A2_G07		GM_M47_A2_G07_MR

	34098	GM_M47_A2_G08		GM_M47_A2_G08_MR
	34099	GM_M47_A2_G09	GM_M47_A2_G09_MF	
	34100	GM_M47_A2_G09		GM_M47_A2_G09_MR
	34101	GM_M47_A2_G10	GM_M47_A2_G10_MF	
5	34102	GM_M47_A2_G10		GM_M47_A2_G10_MR
	34103	GM_M47_A2_G11	GM_M47_A2_G11_MF	
	34104	GM_M47_A2_G11		GM_M47_A2_G11_MR
	34105	GM_M47_A2_G12	GM_M47_A2_G12_MF	
	34106	GM_M47_A2_G12		GM_M47_A2_G12_MR
10	34107	GM_M47_A2_H01	GM_M47_A2_H01_MF	
	34108	GM_M47_A2_H01		GM_M47_A2_H01_MR
	34109	GM_M47_A2_H02	GM_M47_A2_H02_MF	
	34110	GM_M47_A2_H02		GM_M47_A2_H02_MR
	34111	GM_M47_A2_H03	GM_M47_A2_H03_MF	
15	34112	GM_M47_A2_H03		GM_M47_A2_H03_MR
	34113	GM_M47_A2_H04	GM_M47_A2_H04_MF	
	34114	GM_M47_A2_H04		GM_M47_A2_H04_MR
	34115	GM_M47_A2_H05	GM_M47_A2_H05_MF	
	34116	GM_M47_A2_H05		GM_M47_A2_H05_MR
20	34117	GM_M47_A2_H06	GM_M47_A2_H06_MF	
	34118	GM_M47_A2_H06		GM_M47_A2_H06_MR
	34119	GM_M47_A2_H08	GM_M47_A2_H08_MF	
	34120	GM_M47_A2_H08		GM_M47_A2_H08_MR
	34121	GM_M47_A2_H09	GM_M47_A2_H09_MF	
25	34122	GM_M47_A2_H09		GM_M47_A2_H09_MR
	34123	GM_M47_A2_H10	GM_M47_A2_H10_MF	
	34124	GM_M47_A2_H10		GM_M47_A2_H10_MR
	34125	GM_M47_A2_H11	GM_M47_A2_H11_MF	
	34126	GM_M47_A2_H11		GM_M47_A2_H11_MR
30	34127	GM_M47_A2_H12	GM_M47_A2_H12_MF	
	34128	GM_M47_A2_H12		GM_M47_A2_H12_MR
	34129	GM_M47_B1_D03		GM_M47_B1_D03_MR
	34130	GM_M47_B1_D10		GM_M47_B1_D10_MR
	34131	GM_M47_B1_D11		GM_M47_B1_D11_MR
35	34132	GM_M47_B1_E08		GM_M47_B1_E08_MR
	34133	GM_M47_B1_F07		GM_M47_B1_F07_MR
	34134	GM_M47_B2_A01	GM_M47_B2_A01_MF	
	34135	GM_M47_B2_A02	GM_M47_B2_A02_MF	
	34136	GM_M47_B2_A02		GM_M47_B2_A02_MR
40	34137	GM_M47_B2_A03	GM_M47_B2_A03_MF	
	34138	GM_M47_B2_A03		GM_M47_B2_A03_MR
	34139	GM_M47_B2_A04	GM_M47_B2_A04_MF	
	34140	GM_M47_B2_A04		GM_M47_B2_A04_MR
	34141	GM_M47_B2_A05	GM_M47_B2_A05_MF	
45	34142	GM_M47_B2_A05		GM_M47_B2_A05_MR
	34143	GM_M47_B2_A06	GM_M47_B2_A06_MF	
	34144	GM_M47_B2_A06		GM_M47_B2_A06_MR
	34145	GM_M47_B2_A07	GM_M47_B2_A07_MF	
	34146	GM_M47_B2_A07		GM_M47_B2_A07_MR
50	34147	GM_M47_B2_A08	GM_M47_B2_A08_MF	
	34148	GM_M47_B2_A08		GM_M47_B2_A08_MR
	34149	GM_M47_B2_A10	GM_M47_B2_A10_MF	
	34150	GM_M47_B2_A10		GM_M47_B2_A10_MR
	34151	GM_M47_B2_A11	GM_M47_B2_A11_MF	
55	34152	GM_M47_B2_A11		GM_M47_B2_A11_MR

	34153	GM_M47_B2_A12	GM_M47_B2_A12_MF	
	34154	GM_M47_B2_A12		GM_M47_B2_A12_MR
	34155	GM_M47_B2_B01	GM_M47_B2_B01_MF	
	34156	GM_M47_B2_B01		GM_M47_B2_B01_MR
5	34157	GM_M47_B2_B02	GM_M47_B2_B02_MF	
	34158	GM_M47_B2_B02		GM_M47_B2_B02_MR
	34159	GM_M47_B2_B03	GM_M47_B2_B03_MF	
	34160	GM_M47_B2_B03		GM_M47_B2_B03_MR
	34161	GM_M47_B2_B04	GM_M47_B2_B04_MF	
10	34162	GM_M47_B2_B04		GM_M47_B2_B04_MR
	34163	GM_M47_B2_B06	GM_M47_B2_B06_MF	
	34164	GM_M47_B2_B06		GM_M47_B2_B06_MR
	34165	GM_M47_B2_B07	GM_M47_B2_B07_MF	
	34166	GM_M47_B2_B07		GM_M47_B2_B07_MR
15	34167	GM_M47_B2_B08	GM_M47_B2_B08_MF	
	34168	GM_M47_B2_B08		GM_M47_B2_B08_MR
	34169	GM_M47_B2_B09	GM_M47_B2_B09_MF	
	34170	GM_M47_B2_B09		GM_M47_B2_B09_MR
	34171	GM_M47_B2_B10	GM_M47_B2_B10_MF	
20	34172	GM_M47_B2_B10		GM_M47_B2_B10_MR
	34173	GM_M47_B2_B11	GM_M47_B2_B11_MF	
	34174	GM_M47_B2_B11		GM_M47_B2_B11_MR
	34175	GM_M47_B2_B12	GM_M47_B2_B12_MF	
	34176	GM_M47_B2_B12		GM_M47_B2_B12_MR
25	34177	GM_M47_B2_C01	GM_M47_B2_C01_MF	
	34178	GM_M47_B2_C01		GM_M47_B2_C01_MR
	34179	GM_M47_B2_C02	GM_M47_B2_C02_MF	
	34180	GM_M47_B2_C02		GM_M47_B2_C02_MR
	34181	GM_M47_B2_C03	GM_M47_B2_C03_MF	
30	34182	GM_M47_B2_C03		GM_M47_B2_C03_MR
	34183	GM_M47_B2_C04	GM_M47_B2_C04_MF	
	34184	GM_M47_B2_C04		GM_M47_B2_C04_MR
	34185	GM_M47_B2_C05	GM_M47_B2_C05_MF	
	34186	GM_M47_B2_C05		GM_M47_B2_C05_MR
35	34187	GM_M47_B2_C06	GM_M47_B2_C06_MF	
	34188	GM_M47_B2_C06		GM_M47_B2_C06_MR
	34189	GM_M47_B2_C07	GM_M47_B2_C07_MF	
	34190	GM_M47_B2_C07		GM_M47_B2_C07_MR
	34191	GM_M47_B2_C08	GM_M47_B2_C08_MF	
40	34192	GM_M47_B2_C08		GM_M47_B2_C08_MR
	34193	GM_M47_B2_C09	GM_M47_B2_C09_MF	
	34194	GM_M47_B2_C09		GM_M47_B2_C09_MR
	34195	GM_M47_B2_C10	GM_M47_B2_C10_MF	
	34196	GM_M47_B2_C10		GM_M47_B2_C10_MR
45	34197	GM_M47_B2_C11	GM_M47_B2_C11_MF	
	34198	GM_M47_B2_C11		GM_M47_B2_C11_MR
	34199	GM_M47_B2_C12	GM_M47_B2_C12_MF	
	34200	GM_M47_B2_C12		GM_M47_B2_C12_MR
	34201	GM_M47_B2_D02	GM_M47_B2_D02_MF	
50	34202	GM_M47_B2_D02		GM_M47_B2_D02_MR
	34203	GM_M47_B2_D03	GM_M47_B2_D03_MF	
	34204	GM_M47_B2_D03		GM_M47_B2_D03_MR
	34205	GM_M47_B2_D05	GM_M47_B2_D05_MF	
	34206	GM_M47_B2_D05		GM_M47_B2_D05_MR
55	34207	GM_M47_B2_D06	GM_M47_B2_D06_MF	

	34208	GM_M47_B2_D06		GM_M47_B2_D06_MR
	34209	GM_M47_B2_D08	GM_M47_B2_D08_MF	
	34210	GM_M47_B2_D08		GM_M47_B2_D08_MR
	34211	GM_M47_B2_D09	GM_M47_B2_D09_MF	
5	34212	GM_M47_B2_D09		GM_M47_B2_D09_MR
	34213	GM_M47_B2_D10	GM_M47_B2_D10_MF	
	34214	GM_M47_B2_D10		GM_M47_B2_D10_MR
	34215	GM_M47_B2_D11	GM_M47_B2_D11_MF	
	34216	GM_M47_B2_D11		GM_M47_B2_D11_MR
10	34217	GM_M47_B2_D12	GM_M47_B2_D12_MF	
	34218	GM_M47_B2_D12		GM_M47_B2_D12_MR
	34219	GM_M47_B2_E01	GM_M47_B2_E01_MF	
	34220	GM_M47_B2_E01		GM_M47_B2_E01_MR
	34221	GM_M47_B2_E02	GM_M47_B2_E02_MF	
15	34222	GM_M47_B2_E02		GM_M47_B2_E02_MR
	34223	GM_M47_B2_E03	GM_M47_B2_E03_MF	
	34224	GM_M47_B2_E03		GM_M47_B2_E03_MR
	34225	GM_M47_B2_E04	GM_M47_B2_E04_MF	
	34226	GM_M47_B2_E04		GM_M47_B2_E04_MR
20	34227	GM_M47_B2_E05	GM_M47_B2_E05_MF	
	34228	GM_M47_B2_E05		GM_M47_B2_E05_MR
	34229	GM_M47_B2_E06	GM_M47_B2_E06_MF	
	34230	GM_M47_B2_E06		GM_M47_B2_E06_MR
	34231	GM_M47_B2_E07	GM_M47_B2_E07_MF	
25	34232	GM_M47_B2_E07		GM_M47_B2_E07_MR
	34233	GM_M47_B2_E08	GM_M47_B2_E08_MF	
	34234	GM_M47_B2_E08		GM_M47_B2_E08_MR
	34235	GM_M47_B2_E09	GM_M47_B2_E09_MF	
	34236	GM_M47_B2_E09		GM_M47_B2_E09_MR
30	34237	GM_M47_B2_E10	GM_M47_B2_E10_MF	
	34238	GM_M47_B2_E10		GM_M47_B2_E10_MR
	34239	GM_M47_B2_E11	GM_M47_B2_E11_MF	
	34240	GM_M47_B2_E11		GM_M47_B2_E11_MR
	34241	GM_M47_B2_E12	GM_M47_B2_E12_MF	
35	34242	GM_M47_B2_E12		GM_M47_B2_E12_MR
	34243	GM_M47_B2_F01	GM_M47_B2_F01_MF	
	34244	GM_M47_B2_F01		GM_M47_B2_F01_MR
	34245	GM_M47_B2_F02	GM_M47_B2_F02_MF	
	34246	GM_M47_B2_F02		GM_M47_B2_F02_MR
40	34247	GM_M47_B2_F04	GM_M47_B2_F04_MF	
	34248	GM_M47_B2_F04		GM_M47_B2_F04_MR
	34249	GM_M47_B2_F05	GM_M47_B2_F05_MF	
	34250	GM_M47_B2_F05		GM_M47_B2_F05_MR
	34251	GM_M47_B2_F06	GM_M47_B2_F06_MF	
45	34252	GM_M47_B2_F06		GM_M47_B2_F06_MR
	34253	GM_M47_B2_F07	GM_M47_B2_F07_MF	
	34254	GM_M47_B2_F07		GM_M47_B2_F07_MR
	34255	GM_M47_B2_F08	GM_M47_B2_F08_MF	
	34256	GM_M47_B2_F08		GM_M47_B2_F08_MR
50	34257	GM_M47_B2_F09	GM_M47_B2_F09_MF	
	34258	GM_M47_B2_F09		GM_M47_B2_F09_MR
	34259	GM_M47_B2_F10	GM_M47_B2_F10_MF	
	34260	GM_M47_B2_F10		GM_M47_B2_F10_MR
	34261	GM_M47_B2_F11	GM_M47_B2_F11_MF	
55	34262	GM_M47_B2_F11		GM_M47_B2_F11_MR

	34263	GM_M47_B2_F12	GM_M47_B2_F12_MF	
	34264	GM_M47_B2_F12		GM_M47_B2_F12_MR
	34265	GM_M47_B2_G01	GM_M47_B2_G01_MF	
	34266	GM_M47_B2_G01		GM_M47_B2_G01_MR
5	34267	GM_M47_B2_G02	GM_M47_B2_G02_MF	
	34268	GM_M47_B2_G02		GM_M47_B2_G02_MR
	34269	GM_M47_B2_G03	GM_M47_B2_G03_MF	
	34270	GM_M47_B2_G03		GM_M47_B2_G03_MR
	34271	GM_M47_B2_G04	GM_M47_B2_G04_MF	
10	34272	GM_M47_B2_G04		GM_M47_B2_G04_MR
	34273	GM_M47_B2_G05	GM_M47_B2_G05_MF	
	34274	GM_M47_B2_G05		GM_M47_B2_G05_MR
	34275	GM_M47_B2_G06	GM_M47_B2_G06_MF	
	34276	GM_M47_B2_G06		GM_M47_B2_G06_MR
15	34277	GM_M47_B2_G07	GM_M47_B2_G07_MF	
	34278	GM_M47_B2_G07		GM_M47_B2_G07_MR
	34279	GM_M47_B2_G08	GM_M47_B2_G08_MF	
	34280	GM_M47_B2_G08		GM_M47_B2_G08_MR
	34281	GM_M47_B2_G09	GM_M47_B2_G09_MF	
20	34282	GM_M47_B2_G09		GM_M47_B2_G09_MR
	34283	GM_M47_B2_G10	GM_M47_B2_G10_MF	
	34284	GM_M47_B2_G10		GM_M47_B2_G10_MR
	34285	GM_M47_B2_G11	GM_M47_B2_G11_MF	
	34286	GM_M47_B2_G11		GM_M47_B2_G11_MR
25	34287	GM_M47_B2_G12	GM_M47_B2_G12_MF	
	34288	GM_M47_B2_G12		GM_M47_B2_G12_MR
	34289	GM_M47_B2_H01	GM_M47_B2_H01_MF	
	34290	GM_M47_B2_H01		GM_M47_B2_H01_MR
	34291	GM_M47_B2_H02	GM_M47_B2_H02_MF	
30	34292	GM_M47_B2_H02		GM_M47_B2_H02_MR
	34293	GM_M47_B2_H03	GM_M47_B2_H03_MF	
	34294	GM_M47_B2_H03		GM_M47_B2_H03_MR
	34295	GM_M47_B2_H04	GM_M47_B2_H04_MF	
	34296	GM_M47_B2_H04		GM_M47_B2_H04_MR
35	34297	GM_M47_B2_H05	GM_M47_B2_H05_MF	
	34298	GM_M47_B2_H05		GM_M47_B2_H05_MR
	34299	GM_M47_B2_H06	GM_M47_B2_H06_MF	
	34300	GM_M47_B2_H06		GM_M47_B2_H06_MR
	34301	GM_M47_B2_H08	GM_M47_B2_H08_MF	
40	34302	GM_M47_B2_H08		GM_M47_B2_H08_MR
	34303	GM_M47_B2_H09	GM_M47_B2_H09_MF	
	34304	GM_M47_B2_H09		GM_M47_B2_H09_MR
	34305	GM_M47_B2_H10	GM_M47_B2_H10_MF	
	34306	GM_M47_B2_H10		GM_M47_B2_H10_MR
45	34307	GM_M47_B2_H11	GM_M47_B2_H11_MF	
	34308	GM_M47_B2_H11		GM_M47_B2_H11_MR
	34309	GM_M47_B2_H12	GM_M47_B2_H12_MF	
	34310	GM_M47_B2_H12		GM_M47_B2_H12_MR
	34311	GM_M48_B1_A01	GM_M48_B1_A01_MF	
50	34312	GM_M48_B1_A01		GM_M48_B1_A01_MR
	34313	GM_M48_B1_A02	GM_M48_B1_A02_MF	
	34314	GM_M48_B1_A02		GM_M48_B1_A02_MR
	34315	GM_M48_B1_A03	GM_M48_B1_A03_MF	
	34316	GM_M48_B1_A03		GM_M48_B1_A03_MR
55	34317	GM_M48_B1_A04	GM_M48_B1_A04_MF	

	34318	GM_M48_B1_A05	GM_M48_B1_A05_MF	
	34319	GM_M48_B1_A05		GM_M48_B1_A05_MR
	34320	GM_M48_B1_A06	GM_M48_B1_A06_MF	
	34321	GM_M48_B1_A06		GM_M48_B1_A06_MR
5	34322	GM_M48_B1_A07	GM_M48_B1_A07_MF	
	34323	GM_M48_B1_A07		GM_M48_B1_A07_MR
	34324	GM_M48_B1_A08	GM_M48_B1_A08_MF	
	34325	GM_M48_B1_A08		GM_M48_B1_A08_MR
	34326	GM_M48_B1_A09	GM_M48_B1_A09_MF	
10	34327	GM_M48_B1_A09		GM_M48_B1_A09_MR
	34328	GM_M48_B1_A10	GM_M48_B1_A10_MF	
	34329	GM_M48_B1_A10		GM_M48_B1_A10_MR
	34330	GM_M48_B1_A11	GM_M48_B1_A11_MF	
	34331	GM_M48_B1_A11		GM_M48_B1_A11_MR
15	34332	GM_M48_B1_A12	GM_M48_B1_A12_MF	
	34333	GM_M48_B1_A12		GM_M48_B1_A12_MR
	34334	GM_M48_B1_B01	GM_M48_B1_B01_MF	
	34335	GM_M48_B1_B01		GM_M48_B1_B01_MR
	34336	GM_M48_B1_B02	GM_M48_B1_B02_MF	
20	34337	GM_M48_B1_B02		GM_M48_B1_B02_MR
	34338	GM_M48_B1_B03		GM_M48_B1_B03_MR
	34339	GM_M48_B1_B04		GM_M48_B1_B04_MR
	34340	GM_M48_B1_B05	GM_M48_B1_B05_MF	
	34341	GM_M48_B1_B05		GM_M48_B1_B05_MR
25	34342	GM_M48_B1_B06	GM_M48_B1_B06_MF	
	34343	GM_M48_B1_B07	GM_M48_B1_B07_MF	
	34344	GM_M48_B1_B07		GM_M48_B1_B07_MR
	34345	GM_M48_B1_B08	GM_M48_B1_B08_MF	
	34346	GM_M48_B1_B08		GM_M48_B1_B08_MR
30	34347	GM_M48_B1_B09	GM_M48_B1_B09_MF	
	34348	GM_M48_B1_B09		GM_M48_B1_B09_MR
	34349	GM_M48_B1_B10	GM_M48_B1_B10_MF	
	34350	GM_M48_B1_B10		GM_M48_B1_B10_MR
	34351	GM_M48_B1_B11		GM_M48_B1_B11_MR
35	34352	GM_M48_B1_B12	GM_M48_B1_B12_MF	
	34353	GM_M48_B1_B12		GM_M48_B1_B12_MR
	34354	GM_M48_B1_C01	GM_M48_B1_C01_MF	
	34355	GM_M48_B1_C01		GM_M48_B1_C01_MR
	34356	GM_M48_B1_C02	GM_M48_B1_C02_MF	
40	34357	GM_M48_B1_C02		GM_M48_B1_C02_MR
	34358	GM_M48_B1_C03	GM_M48_B1_C03_MF	
	34359	GM_M48_B1_C03		GM_M48_B1_C03_MR
	34360	GM_M48_B1_C04		GM_M48_B1_C04_MR
	34361	GM_M48_B1_C05	GM_M48_B1_C05_MF	
45	34362	GM_M48_B1_C06	GM_M48_B1_C06_MF	
	34363	GM_M48_B1_C06		GM_M48_B1_C06_MR
	34364	GM_M48_B1_C07	GM_M48_B1_C07_MF	
	34365	GM_M48_B1_C07		GM_M48_B1_C07_MR
	34366	GM_M48_B1_C08	GM_M48_B1_C08_MF	
50	34367	GM_M48_B1_C08		GM_M48_B1_C08_MR
	34368	GM_M48_B1_C09	GM_M48_B1_C09_MF	
	34369	GM_M48_B1_C09		GM_M48_B1_C09_MR
	34370	GM_M48_B1_C10	GM_M48_B1_C10_MF	
	34371	GM_M48_B1_C10		GM_M48_B1_C10_MR
55	34372	GM_M48_B1_C11	GM_M48_B1_C11_MF	

	34373	GM_M48_B1_C11		GM_M48_B1_C11_MR
	34374	GM_M48_B1_C12	GM_M48_B1_C12_MF	
	34375	GM_M48_B1_C12		GM_M48_B1_C12_MR
	34376	GM_M48_B1_D01	GM_M48_B1_D01_MF	
5	34377	GM_M48_B1_D01		GM_M48_B1_D01_MR
	34378	GM_M48_B1_D02	GM_M48_B1_D02_MF	
	34379	GM_M48_B1_D02		GM_M48_B1_D02_MR
	34380	GM_M48_B1_D03	GM_M48_B1_D03_MF	
	34381	GM_M48_B1_D03		GM_M48_B1_D03_MR
10	34382	GM_M48_B1_D04	GM_M48_B1_D04_MF	
	34383	GM_M48_B1_D04		GM_M48_B1_D04_MR
	34384	GM_M48_B1_D05	GM_M48_B1_D05_MF	
	34385	GM_M48_B1_D05		GM_M48_B1_D05_MR
	34386	GM_M48_B1_D06	GM_M48_B1_D06_MF	
15	34387	GM_M48_B1_D06		GM_M48_B1_D06_MR
	34388	GM_M48_B1_D07	GM_M48_B1_D07_MF	
	34389	GM_M48_B1_D07		GM_M48_B1_D07_MR
	34390	GM_M48_B1_D08	GM_M48_B1_D08_MF	
	34391	GM_M48_B1_D08		GM_M48_B1_D08_MR
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	34394	GM_M48_B1_D10	GM_M48_B1_D10_MF	
	34395	GM_M48_B1_D10		GM_M48_B1_D10_MR
	34396	GM_M48_B1_D11	GM_M48_B1_D11_MF	
25	34397	GM_M48_B1_D11		GM_M48_B1_D11_MR
	34398	GM_M48_B1_D12	GM_M48_B1_D12_MF	
	34399	GM_M48_B1_D12		GM_M48_B1_D12_MR
	34400	GM_M48_B1_E01	GM_M48_B1_E01_MF	
	34401	GM_M48_B1_E01		GM_M48_B1_E01_MR
30	34402	GM_M48_B1_E02	GM_M48_B1_E02_MF	
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	34404	GM_M48_B1_E03	GM_M48_B1_E03_MF	
	34405	GM_M48_B1_E03		GM_M48_B1_E03_MR
	34406	GM_M48_B1_E06	GM_M48_B1_E06_MF	
35	34407	GM_M48_B1_E06		GM_M48_B1_E06_MR
	34408	GM_M48_B1_E08	GM_M48_B1_E08_MF	
	34409	GM_M48_B1_E08		GM_M48_B1_E08_MR
	34410	GM_M48_B1_E09	GM_M48_B1_E09_MF	
	34411	GM_M48_B1_E10	GM_M48_B1_E10_MF	
40	34412	GM_M48_B1_E10		GM_M48_B1_E10_MR
	34413	GM_M48_B1_E11	GM_M48_B1_E11_MF	
	34414	GM_M48_B1_E11		GM_M48_B1_E11_MR
	34415	GM_M48_B1_E12	GM_M48_B1_E12_MF	
	34416	GM_M48_B1_E12		GM_M48_B1_E12_MR
45	34417	GM_M48_B1_F01	GM_M48_B1_F01_MF	
	34418	GM_M48_B1_F01		GM_M48_B1_F01_MR
	34419	GM_M48_B1_F02	GM_M48_B1_F02_MF	
	34420	GM_M48_B1_F02		GM_M48_B1_F02_MR
	34421	GM_M48_B1_F03	GM_M48_B1_F03_MF	
50	34422	GM_M48_B1_F03		GM_M48_B1_F03_MR
	34423	GM_M48_B1_F04	GM_M48_B1_F04_MF	
	34424	GM_M48_B1_F04		GM_M48_B1_F04_MR
	34425	GM_M48_B1_F05	GM_M48_B1_F05_MF	
	34426	GM_M48_B1_F05		GM_M48_B1_F05_MR
55	34427	GM_M48_B1_F06	GM_M48_B1_F06_MF	

	34428	GM_M48_B1_F06		GM_M48_B1_F06_MR
	34429	GM_M48_B1_F07	GM_M48_B1_F07_MF	
	34430	GM_M48_B1_F07		GM_M48_B1_F07_MR
	34431	GM_M48_B1_F08	GM_M48_B1_F08_MF	
5	34432	GM_M48_B1_F08		GM_M48_B1_F08_MR
	34433	GM_M48_B1_F09	GM_M48_B1_F09_MF	
	34434	GM_M48_B1_F10	GM_M48_B1_F10_MF	
	34435	GM_M48_B1_F10		GM_M48_B1_F10_MR
	34436	GM_M48_B1_F11	GM_M48_B1_F11_MF	
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	34438	GM_M48_B1_F12	GM_M48_B1_F12_MF	
	34439	GM_M48_B1_F12		GM_M48_B1_F12_MR
	34440	GM_M48_B1_G01	GM_M48_B1_G01_MF	
	34441	GM_M48_B1_G01		GM_M48_B1_G01_MR
15	34442	GM_M48_B1_G02	GM_M48_B1_G02_MF	
	34443	GM_M48_B1_G02		GM_M48_B1_G02_MR
	34444	GM_M48_B1_G04	GM_M48_B1_G04_MF	
	34445	GM_M48_B1_G04		GM_M48_B1_G04_MR
	34446	GM_M48_B1_G05	GM_M48_B1_G05_MF	
20	34447	GM_M48_B1_G05		GM_M48_B1_G05_MR
	34448	GM_M48_B1_G06	GM_M48_B1_G06_MF	
	34449	GM_M48_B1_G06		GM_M48_B1_G06_MR
	34450	GM_M48_B1_G07	GM_M48_B1_G07_MF	
	34451	GM_M48_B1_G07		GM_M48_B1_G07_MR
25	34452	GM_M48_B1_G08	GM_M48_B1_G08_MF	
	34453	GM_M48_B1_G08		GM_M48_B1_G08_MR
	34454	GM_M48_B1_G09	GM_M48_B1_G09_MF	
	34455	GM_M48_B1_G09		GM_M48_B1_G09_MR
	34456	GM_M48_B1_G10	GM_M48_B1_G10_MF	
30	34457	GM_M48_B1_G10		GM_M48_B1_G10_MR
	34458	GM_M48_B1_G11	GM_M48_B1_G11_MF	
	34459	GM_M48_B1_G11		GM_M48_B1_G11_MR
	34460	GM_M48_B1_G12	GM_M48_B1_G12_MF	
	34461	GM_M48_B1_G12		GM_M48_B1_G12_MR
35	34462	GM_M48_B1_H01	GM_M48_B1_H01_MF	
	34463	GM_M48_B1_H01		GM_M48_B1_H01_MR
	34464	GM_M48_B1_H02	GM_M48_B1_H02_MF	
	34465	GM_M48_B1_H02		GM_M48_B1_H02_MR
	34466	GM_M48_B1_H03	GM_M48_B1_H03_MF	
40	34467	GM_M48_B1_H03		GM_M48_B1_H03_MR
	34468	GM_M48_B1_H04	GM_M48_B1_H04_MF	
	34469	GM_M48_B1_H04		GM_M48_B1_H04_MR
	34470	GM_M48_B1_H05	GM_M48_B1_H05_MF	
	34471	GM_M48_B1_H05		GM_M48_B1_H05_MR
45	34472	GM_M48_B1_H06	GM_M48_B1_H06_MF	
	34473	GM_M48_B1_H06		GM_M48_B1_H06_MR
	34474	GM_M48_B1_H07	GM_M48_B1_H07_MF	
	34475	GM_M48_B1_H07		GM_M48_B1_H07_MR
	34476	GM_M48_B1_H08		GM_M48_B1_H08_MR
50	34477	GM_M48_B1_H09	GM_M48_B1_H09_MF	
	34478	GM_M48_B1_H09		GM_M48_B1_H09_MR
	34479	GM_M48_B1_H10	GM_M48_B1_H10_MF	
	34480	GM_M48_B1_H10		GM_M48_B1_H10_MR
	34481	GM_M48_B1_H11	GM_M48_B1_H11_MF	
55	34482	GM_M48_B1_H11		GM_M48_B1_H11_MR

	34483	GM_M48_B2_A01	GM_M48_B2_A01_MF	
	34484	GM_M48_B2_A01		GM_M48_B2_A01_MR
	34485	GM_M48_B2_A02	GM_M48_B2_A02_MF	
	34486	GM_M48_B2_A02		GM_M48_B2_A02_MR
5	34487	GM_M48_B2_A03	GM_M48_B2_A03_MF	
	34488	GM_M48_B2_A03		GM_M48_B2_A03_MR
	34489	GM_M48_B2_A04	GM_M48_B2_A04_MF	
	34490	GM_M48_B2_A04		GM_M48_B2_A04_MR
	34491	GM_M48_B2_A05	GM_M48_B2_A05_MF	
10	34492	GM_M48_B2_A05		GM_M48_B2_A05_MR
	34493	GM_M48_B2_A06	GM_M48_B2_A06_MF	
	34494	GM_M48_B2_A06		GM_M48_B2_A06_MR
	34495	GM_M48_B2_A07	GM_M48_B2_A07_MF	
	34496	GM_M48_B2_A08	GM_M48_B2_A08_MF	
15	34497	GM_M48_B2_A08		GM_M48_B2_A08_MR
	34498	GM_M48_B2_A09	GM_M48_B2_A09_MF	
	34499	GM_M48_B2_A09		GM_M48_B2_A09_MR
	34500	GM_M48_B2_A10	GM_M48_B2_A10_MF	
	34501	GM_M48_B2_A10		GM_M48_B2_A10_MR
20	34502	GM_M48_B2_A11	GM_M48_B2_A11_MF	
	34503	GM_M48_B2_A11		GM_M48_B2_A11_MR
	34504	GM_M48_B2_A12	GM_M48_B2_A12_MF	
	34505	GM_M48_B2_B01	GM_M48_B2_B01_MF	
	34506	GM_M48_B2_B01		GM_M48_B2_B01_MR
25	34507	GM_M48_B2_B02		GM_M48_B2_B02_MR
	34508	GM_M48_B2_B03	GM_M48_B2_B03_MF	
	34509	GM_M48_B2_B03		GM_M48_B2_B03_MR
	34510	GM_M48_B2_B05	GM_M48_B2_B05_MF	
	34511	GM_M48_B2_B05		GM_M48_B2_B05_MR
30	34512	GM_M48_B2_B06	GM_M48_B2_B06_MF	
	34513	GM_M48_B2_B06		GM_M48_B2_B06_MR
	34514	GM_M48_B2_B07	GM_M48_B2_B07_MF	
	34515	GM_M48_B2_B07		GM_M48_B2_B07_MR
	34516	GM_M48_B2_B08	GM_M48_B2_B08_MF	
35	34517	GM_M48_B2_B08		GM_M48_B2_B08_MR
	34518	GM_M48_B2_B09	GM_M48_B2_B09_MF	
	34519	GM_M48_B2_B09		GM_M48_B2_B09_MR
	34520	GM_M48_B2_B10	GM_M48_B2_B10_MF	
	34521	GM_M48_B2_B10		GM_M48_B2_B10_MR
40	34522	GM_M48_B2_B11	GM_M48_B2_B11_MF	
	34523	GM_M48_B2_B11		GM_M48_B2_B11_MR
	34524	GM_M48_B2_B12	GM_M48_B2_B12_MF	
	34525	GM_M48_B2_B12		GM_M48_B2_B12_MR
	34526	GM_M48_B2_C01	GM_M48_B2_C01_MF	
45	34527	GM_M48_B2_C01		GM_M48_B2_C01_MR
	34528	GM_M48_B2_C02	GM_M48_B2_C02_MF	
	34529	GM_M48_B2_C02		GM_M48_B2_C02_MR
	34530	GM_M48_B2_C03	GM_M48_B2_C03_MF	
	34531	GM_M48_B2_C03		GM_M48_B2_C03_MR
50	34532	GM_M48_B2_C05	GM_M48_B2_C05_MF	
	34533	GM_M48_B2_C05		GM_M48_B2_C05_MR
	34534	GM_M48_B2_C06	GM_M48_B2_C06_MF	
	34535	GM_M48_B2_C06		GM_M48_B2_C06_MR
	34536	GM_M48_B2_C07	GM_M48_B2_C07_MF	
55	34537	GM_M48_B2_C07		GM_M48_B2_C07_MR

	34538	GM_M48_B2_C08	GM_M48_B2_C08_MF	
	34539	GM_M48_B2_C08		GM_M48_B2_C08_MR
	34540	GM_M48_B2_C09	GM_M48_B2_C09_MF	
	34541	GM_M48_B2_C09		GM_M48_B2_C09_MR
5	34542	GM_M48_B2_C10	GM_M48_B2_C10_MF	
	34543	GM_M48_B2_C11	GM_M48_B2_C11_MF	
	34544	GM_M48_B2_C11		GM_M48_B2_C11_MR
	34545	GM_M48_B2_C12		GM_M48_B2_C12_MR
	34546	GM_M48_B2_D01	GM_M48_B2_D01_MF	
10	34547	GM_M48_B2_D01		GM_M48_B2_D01_MR
	34548	GM_M48_B2_D02	GM_M48_B2_D02_MF	
	34549	GM_M48_B2_D02		GM_M48_B2_D02_MR
	34550	GM_M48_B2_D03	GM_M48_B2_D03_MF	
	34551	GM_M48_B2_D03		GM_M48_B2_D03_MR
15	34552	GM_M48_B2_D04	GM_M48_B2_D04_MF	
	34553	GM_M48_B2_D04		GM_M48_B2_D04_MR
	34554	GM_M48_B2_D05	GM_M48_B2_D05_MF	
	34555	GM_M48_B2_D05		GM_M48_B2_D05_MR
	34556	GM_M48_B2_D06	GM_M48_B2_D06_MF	
20	34557	GM_M48_B2_D06		GM_M48_B2_D06_MR
	34558	GM_M48_B2_D07	GM_M48_B2_D07_MF	
	34559	GM_M48_B2_D07		GM_M48_B2_D07_MR
	34560	GM_M48_B2_D08	GM_M48_B2_D08_MF	
	34561	GM_M48_B2_D08		GM_M48_B2_D08_MR
25	34562	GM_M48_B2_D09	GM_M48_B2_D09_MF	
	34563	GM_M48_B2_D09		GM_M48_B2_D09_MR
	34564	GM_M48_B2_D10	GM_M48_B2_D10_MF	
	34565	GM_M48_B2_D10		GM_M48_B2_D10_MR
	34566	GM_M48_B2_D11	GM_M48_B2_D11_MF	
30	34567	GM_M48_B2_D11		GM_M48_B2_D11_MR
	34568	GM_M48_B2_D12	GM_M48_B2_D12_MF	
	34569	GM_M48_B2_D12		GM_M48_B2_D12_MR
	34570	GM_M48_B2_E01	GM_M48_B2_E01_MF	
	34571	GM_M48_B2_E01		GM_M48_B2_E01_MR
35	34572	GM_M48_B2_E03	GM_M48_B2_E03_MF	
	34573	GM_M48_B2_E03		GM_M48_B2_E03_MR
	34574	GM_M48_B2_E04		GM_M48_B2_E04_MR
	34575	GM_M48_B2_E06		GM_M48_B2_E06_MR
	34576	GM_M48_B2_E07	GM_M48_B2_E07_MF	
40	34577	GM_M48_B2_E08	GM_M48_B2_E08_MF	
	34578	GM_M48_B2_E08		GM_M48_B2_E08_MR
	34579	GM_M48_B2_E09	GM_M48_B2_E09_MF	
	34580	GM_M48_B2_E09		GM_M48_B2_E09_MR
	34581	GM_M48_B2_E10	GM_M48_B2_E10_MF	
45	34582	GM_M48_B2_E10		GM_M48_B2_E10_MR
	34583	GM_M48_B2_E11	GM_M48_B2_E11_MF	
	34584	GM_M48_B2_E11		GM_M48_B2_E11_MR
	34585	GM_M48_B2_E12	GM_M48_B2_E12_MF	
	34586	GM_M48_B2_E12		GM_M48_B2_E12_MR
50	34587	GM_M48_B2_F01	GM_M48_B2_F01_MF	
	34588	GM_M48_B2_F01		GM_M48_B2_F01_MR
	34589	GM_M48_B2_F02		GM_M48_B2_F02_MR
	34590	GM_M48_B2_F03	GM_M48_B2_F03_MF	
	34591	GM_M48_B2_F03		GM_M48_B2_F03_MR
55	34592	GM_M48_B2_F04	GM_M48_B2_F04_MF	

	34593	GM_M48_B2_F04		GM_M48_B2_F04_MR
	34594	GM_M48_B2_F05	GM_M48_B2_F05_MF	
	34595	GM_M48_B2_F05		GM_M48_B2_F05_MR
	34596	GM_M48_B2_F06	GM_M48_B2_F06_MF	
5	34597	GM_M48_B2_F06		GM_M48_B2_F06_MR
	34598	GM_M48_B2_F07		GM_M48_B2_F07_MR
	34599	GM_M48_B2_F08	GM_M48_B2_F08_MF	
	34600	GM_M48_B2_F08		GM_M48_B2_F08_MR
	34601	GM_M48_B2_F09	GM_M48_B2_F09_MF	
10	34602	GM_M48_B2_F09		GM_M48_B2_F09_MR
	34603	GM_M48_B2_F10	GM_M48_B2_F10_MF	
	34604	GM_M48_B2_F10		GM_M48_B2_F10_MR
	34605	GM_M48_B2_F11	GM_M48_B2_F11_MF	
	34606	GM_M48_B2_F11		GM_M48_B2_F11_MR
15	34607	GM_M48_B2_F12	GM_M48_B2_F12_MF	
	34608	GM_M48_B2_F12		GM_M48_B2_F12_MR
	34609	GM_M48_B2_G02	GM_M48_B2_G02_MF	
	34610	GM_M48_B2_G03	GM_M48_B2_G03_MF	
	34611	GM_M48_B2_G03		GM_M48_B2_G03_MR
20	34612	GM_M48_B2_G04	GM_M48_B2_G04_MF	
	34613	GM_M48_B2_G04		GM_M48_B2_G04_MR
	34614	GM_M48_B2_G05	GM_M48_B2_G05_MF	
	34615	GM_M48_B2_G05		GM_M48_B2_G05_MR
	34616	GM_M48_B2_G06	GM_M48_B2_G06_MF	
25	34617	GM_M48_B2_G06		GM_M48_B2_G06_MR
	34618	GM_M48_B2_G07	GM_M48_B2_G07_MF	
	34619	GM_M48_B2_G07		GM_M48_B2_G07_MR
	34620	GM_M48_B2_G08		GM_M48_B2_G08_MR
	34621	GM_M48_B2_G09	GM_M48_B2_G09_MF	
30	34622	GM_M48_B2_G09		GM_M48_B2_G09_MR
	34623	GM_M48_B2_G10	GM_M48_B2_G10_MF	
	34624	GM_M48_B2_G10		GM_M48_B2_G10_MR
	34625	GM_M48_B2_G11	GM_M48_B2_G11_MF	
	34626	GM_M48_B2_G11		GM_M48_B2_G11_MR
35	34627	GM_M48_B2_G12	GM_M48_B2_G12_MF	
	34628	GM_M48_B2_G12		GM_M48_B2_G12_MR
	34629	GM_M48_B2_H01	GM_M48_B2_H01_MF	
	34630	GM_M48_B2_H01		GM_M48_B2_H01_MR
	34631	GM_M48_B2_H02	GM_M48_B2_H02_MF	
40	34632	GM_M48_B2_H02		GM_M48_B2_H02_MR
	34633	GM_M48_B2_H03	GM_M48_B2_H03_MF	
	34634	GM_M48_B2_H03		GM_M48_B2_H03_MR
	34635	GM_M48_B2_H04	GM_M48_B2_H04_MF	
	34636	GM_M48_B2_H04		GM_M48_B2_H04_MR
45	34637	GM_M48_B2_H05	GM_M48_B2_H05_MF	
	34638	GM_M48_B2_H05		GM_M48_B2_H05_MR
	34639	GM_M48_B2_H06	GM_M48_B2_H06_MF	
	34640	GM_M48_B2_H06		GM_M48_B2_H06_MR
	34641	GM_M48_B2_H07	GM_M48_B2_H07_MF	
50	34642	GM_M48_B2_H07		GM_M48_B2_H07_MR
	34643	GM_M48_B2_H08	GM_M48_B2_H08_MF	
	34644	GM_M48_B2_H08		GM_M48_B2_H08_MR
	34645	GM_M48_B2_H09	GM_M48_B2_H09_MF	
	34646	GM_M48_B2_H09		GM_M48_B2_H09_MR
55	34647	GM_M48_B2_H10	GM_M48_B2_H10_MF	

	34648	GM_M48_B2_H10		GM_M48_B2_H10_MR
	34649	GM_M48_B2_H11	GM_M48_B2_H11_MF	
	34650	GM_M48_B2_H11		GM_M48_B2_H11_MR
	34651	GM_M49_A2_A01	GM_M49_A2_A01_T7	
5	34652	GM_M49_A2_A01		GM_M49_A2_A01_MR
	34653	GM_M49_A2_A02	GM_M49_A2_A02_T7	
	34654	GM_M49_A2_A02		GM_M49_A2_A02_MR
	34655	GM_M49_A2_A03	GM_M49_A2_A03_T7	
	34656	GM_M49_A2_A03		GM_M49_A2_A03_MR
10	34657	GM_M49_A2_A04	GM_M49_A2_A04_T7	
	34658	GM_M49_A2_A04		GM_M49_A2_A04_MR
	34659	GM_M49_A2_A05	GM_M49_A2_A05_T7	
	34660	GM_M49_A2_A05		GM_M49_A2_A05_MR
	34661	GM_M49_A2_A06	GM_M49_A2_A06_T7	
15	34662	GM_M49_A2_A06		GM_M49_A2_A06_MR
	34663	GM_M49_A2_A07	GM_M49_A2_A07_T7	
	34664	GM_M49_A2_A07		GM_M49_A2_A07_MR
	34665	GM_M49_A2_A09	GM_M49_A2_A09_T7	
	34666	GM_M49_A2_A09		GM_M49_A2_A09_MR
20	34667	GM_M49_A2_A10	GM_M49_A2_A10_T7	
	34668	GM_M49_A2_A10		GM_M49_A2_A10_MR
	34669	GM_M49_A2_A11	GM_M49_A2_A11_T7	
	34670	GM_M49_A2_A11		GM_M49_A2_A11_MR
	34671	GM_M49_A2_A12	GM_M49_A2_A12_T7	
25	34672	GM_M49_A2_A12		GM_M49_A2_A12_MR
	34673	GM_M49_A2_B01	GM_M49_A2_B01_T7	
	34674	GM_M49_A2_B01		GM_M49_A2_B01_MR
	34675	GM_M49_A2_B02	GM_M49_A2_B02_T7	
	34676	GM_M49_A2_B02		GM_M49_A2_B02_MR
30	34677	GM_M49_A2_B03	GM_M49_A2_B03_T7	
	34678	GM_M49_A2_B03		GM_M49_A2_B03_MR
	34679	GM_M49_A2_B04	GM_M49_A2_B04_T7	
	34680	GM_M49_A2_B04		GM_M49_A2_B04_MR
	34681	GM_M49_A2_B05	GM_M49_A2_B05_T7	
35	34682	GM_M49_A2_B05		GM_M49_A2_B05_MR
	34683	GM_M49_A2_B06	GM_M49_A2_B06_T7	
	34684	GM_M49_A2_B06		GM_M49_A2_B06_MR
	34685	GM_M49_A2_B07	GM_M49_A2_B07_T7	
	34686	GM_M49_A2_B07		GM_M49_A2_B07_MR
40	34687	GM_M49_A2_B08	GM_M49_A2_B08_T7	
	34688	GM_M49_A2_B08		GM_M49_A2_B08_MR
	34689	GM_M49_A2_B09	GM_M49_A2_B09_T7	
	34690	GM_M49_A2_B09		GM_M49_A2_B09_MR
	34691	GM_M49_A2_B10	GM_M49_A2_B10_T7	
45	34692	GM_M49_A2_B10		GM_M49_A2_B10_MR
	34693	GM_M49_A2_B11	GM_M49_A2_B11_T7	
	34694	GM_M49_A2_B11		GM_M49_A2_B11_MR
	34695	GM_M49_A2_B12	GM_M49_A2_B12_T7	
	34696	GM_M49_A2_B12		GM_M49_A2_B12_MR
50	34697	GM_M49_A2_C01	GM_M49_A2_C01_T7	
	34698	GM_M49_A2_C01		GM_M49_A2_C01_MR
	34699	GM_M49_A2_C02	GM_M49_A2_C02_T7	
	34700	GM_M49_A2_C02		GM_M49_A2_C02_MR
	34701	GM_M49_A2_C04	GM_M49_A2_C04_T7	
55	34702	GM_M49_A2_C04		GM_M49_A2_C04_MR

	34703	GM_M49_A2_C05	GM_M49_A2_C05_T7	
	34704	GM_M49_A2_C05		GM_M49_A2_C05_MR
	34705	GM_M49_A2_C06	GM_M49_A2_C06_T7	
	34706	GM_M49_A2_C06		GM_M49_A2_C06_MR
5	34707	GM_M49_A2_C10	GM_M49_A2_C10_T7	
	34708	GM_M49_A2_C10		GM_M49_A2_C10_MR
	34709	GM_M49_A2_C11	GM_M49_A2_C11_T7	
	34710	GM_M49_A2_C11		GM_M49_A2_C11_MR
	34711	GM_M49_A2_C12	GM_M49_A2_C12_T7	
10	34712	GM_M49_A2_C12		GM_M49_A2_C12_MR
	34713	GM_M49_A2_D01	GM_M49_A2_D01_T7	
	34714	GM_M49_A2_D01		GM_M49_A2_D01_MR
	34715	GM_M49_A2_D02	GM_M49_A2_D02_T7	
	34716	GM_M49_A2_D02		GM_M49_A2_D02_MR
15	34717	GM_M49_A2_D03	GM_M49_A2_D03_T7	
	34718	GM_M49_A2_D03		GM_M49_A2_D03_MR
	34719	GM_M49_A2_D04	GM_M49_A2_D04_T7	
	34720	GM_M49_A2_D04		GM_M49_A2_D04_MR
	34721	GM_M49_A2_D05	GM_M49_A2_D05_T7	
20	34722	GM_M49_A2_D05		GM_M49_A2_D05_MR
	34723	GM_M49_A2_D06	GM_M49_A2_D06_T7	
	34724	GM_M49_A2_D06		GM_M49_A2_D06_MR
	34725	GM_M49_A2_D07	GM_M49_A2_D07_T7	
	34726	GM_M49_A2_D07		GM_M49_A2_D07_MR
25	34727	GM_M49_A2_D09	GM_M49_A2_D09_T7	
	34728	GM_M49_A2_D09		GM_M49_A2_D09_MR
	34729	GM_M49_A2_D10	GM_M49_A2_D10_T7	
	34730	GM_M49_A2_D10		GM_M49_A2_D10_MR
	34731	GM_M49_A2_D11	GM_M49_A2_D11_T7	
30	34732	GM_M49_A2_D12	GM_M49_A2_D12_T7	
	34733	GM_M49_A2_D12		GM_M49_A2_D12_MR
	34734	GM_M49_A2_E01	GM_M49_A2_E01_T7	
	34735	GM_M49_A2_E01		GM_M49_A2_E01_MR
	34736	GM_M49_A2_E02	GM_M49_A2_E02_T7	
35	34737	GM_M49_A2_E02		GM_M49_A2_E02_MR
	34738	GM_M49_A2_E03	GM_M49_A2_E03_T7	
	34739	GM_M49_A2_E03		GM_M49_A2_E03_MR
	34740	GM_M49_A2_E04	GM_M49_A2_E04_T7	
	34741	GM_M49_A2_E04		GM_M49_A2_E04_MR
40	34742	GM_M49_A2_E06	GM_M49_A2_E06_T7	
	34743	GM_M49_A2_E06		GM_M49_A2_E06_MR
	34744	GM_M49_A2_E07	GM_M49_A2_E07_T7	
	34745	GM_M49_A2_E07		GM_M49_A2_E07_MR
	34746	GM_M49_A2_E08	GM_M49_A2_E08_T7	
45	34747	GM_M49_A2_E08		GM_M49_A2_E08_MR
	34748	GM_M49_A2_E09	GM_M49_A2_E09_T7	
	34749	GM_M49_A2_E09		GM_M49_A2_E09_MR
	34750	GM_M49_A2_E10	GM_M49_A2_E10_T7	
	34751	GM_M49_A2_E10		GM_M49_A2_E10_MR
50	34752	GM_M49_A2_E11	GM_M49_A2_E11_T7	
	34753	GM_M49_A2_E11		GM_M49_A2_E11_MR
	34754	GM_M49_A2_E12	GM_M49_A2_E12_T7	
	34755	GM_M49_A2_E12		GM_M49_A2_E12_MR
	34756	GM_M49_A2_F01	GM_M49_A2_F01_T7	
55	34757	GM_M49_A2_F01		GM_M49_A2_F01_MR

	34758	GM_M49_A2_F02	GM_M49_A2_F02_T7	
	34759	GM_M49_A2_F02		GM_M49_A2_F02_MR
	34760	GM_M49_A2_F03	GM_M49_A2_F03_T7	
	34761	GM_M49_A2_F03		GM_M49_A2_F03_MR
5	34762	GM_M49_A2_F04	GM_M49_A2_F04_T7	
	34763	GM_M49_A2_F04		GM_M49_A2_F04_MR
	34764	GM_M49_A2_F05	GM_M49_A2_F05_T7	
	34765	GM_M49_A2_F05		GM_M49_A2_F05_MR
	34766	GM_M49_A2_F06	GM_M49_A2_F06_T7	
10	34767	GM_M49_A2_F06		GM_M49_A2_F06_MR
	34768	GM_M49_A2_F07	GM_M49_A2_F07_T7	
	34769	GM_M49_A2_F07		GM_M49_A2_F07_MR
	34770	GM_M49_A2_F08	GM_M49_A2_F08_T7	
	34771	GM_M49_A2_F08		GM_M49_A2_F08_MR
15	34772	GM_M49_A2_F09	GM_M49_A2_F09_T7	
	34773	GM_M49_A2_F09		GM_M49_A2_F09_MR
	34774	GM_M49_A2_F10	GM_M49_A2_F10_T7	
	34775	GM_M49_A2_F10		GM_M49_A2_F10_MR
	34776	GM_M49_A2_F11	GM_M49_A2_F11_T7	
20	34777	GM_M49_A2_F11		GM_M49_A2_F11_MR
	34778	GM_M49_A2_F12	GM_M49_A2_F12_T7	
	34779	GM_M49_A2_F12		GM_M49_A2_F12_MR
	34780	GM_M49_A2_G01	GM_M49_A2_G01_T7	
	34781	GM_M49_A2_G02		GM_M49_A2_G02_MR
25	34782	GM_M49_A2_G03	GM_M49_A2_G03_T7	
	34783	GM_M49_A2_G03		GM_M49_A2_G03_MR
	34784	GM_M49_A2_G04	GM_M49_A2_G04_T7	
	34785	GM_M49_A2_G05	GM_M49_A2_G05_T7	
	34786	GM_M49_A2_G05		GM_M49_A2_G05_MR
30	34787	GM_M49_A2_G06	GM_M49_A2_G06_T7	
	34788	GM_M49_A2_G06		GM_M49_A2_G06_MR
	34789	GM_M49_A2_G07	GM_M49_A2_G07_T7	
	34790	GM_M49_A2_G07		GM_M49_A2_G07_MR
	34791	GM_M49_A2_G08	GM_M49_A2_G08_T7	
35	34792	GM_M49_A2_G08		GM_M49_A2_G08_MR
	34793	GM_M49_A2_G09	GM_M49_A2_G09_T7	
	34794	GM_M49_A2_G09		GM_M49_A2_G09_MR
	34795	GM_M49_A2_G10	GM_M49_A2_G10_T7	
	34796	GM_M49_A2_G10		GM_M49_A2_G10_MR
40	34797	GM_M49_A2_G11	GM_M49_A2_G11_T7	
	34798	GM_M49_A2_G11		GM_M49_A2_G11_MR
	34799	GM_M49_A2_G12	GM_M49_A2_G12_T7	
	34800	GM_M49_A2_G12		GM_M49_A2_G12_MR
	34801	GM_M49_A2_H01	GM_M49_A2_H01_T7	
45	34802	GM_M49_A2_H01		GM_M49_A2_H01_MR
	34803	GM_M49_A2_H02	GM_M49_A2_H02_T7	
	34804	GM_M49_A2_H02		GM_M49_A2_H02_MR
	34805	GM_M49_A2_H03	GM_M49_A2_H03_T7	
	34806	GM_M49_A2_H03		GM_M49_A2_H03_MR
50	34807	GM_M49_A2_H04	GM_M49_A2_H04_T7	
	34808	GM_M49_A2_H04		GM_M49_A2_H04_MR
	34809	GM_M49_A2_H05	GM_M49_A2_H05_T7	
	34810	GM_M49_A2_H05		GM_M49_A2_H05_MR
	34811	GM_M49_A2_H06	GM_M49_A2_H06_T7	
55	34812	GM_M49_A2_H06		GM_M49_A2_H06_MR

	34813	GM_M49_A2_H07	GM_M49_A2_H07_T7	
	34814	GM_M49_A2_H07		GM_M49_A2_H07_MR
	34815	GM_M49_A2_H08	GM_M49_A2_H08_T7	
	34816	GM_M49_A2_H08		GM_M49_A2_H08_MR
5	34817	GM_M49_A2_H09	GM_M49_A2_H09_T7	
	34818	GM_M49_A2_H09		GM_M49_A2_H09_MR
	34819	GM_M49_A2_H10	GM_M49_A2_H10_T7	
	34820	GM_M49_A2_H10		GM_M49_A2_H10_MR
	34821	GM_M49_A2_H11	GM_M49_A2_H11_T7	
10	34822	GM_M49_A2_H11		GM_M49_A2_H11_MR
	34823	GM_M49_A2_H12	GM_M49_A2_H12_T7	
	34824	GM_M49_A2_H12		GM_M49_A2_H12_MR
	34825	GM_M49_B1_A01	GM_M49_B1_A01_T7	
	34826	GM_M49_B1_A01		GM_M49_B1_A01_MR
15	34827	GM_M49_B1_A02	GM_M49_B1_A02_T7	
	34828	GM_M49_B1_A02		GM_M49_B1_A02_MR
	34829	GM_M49_B1_A03	GM_M49_B1_A03_T7	
	34830	GM_M49_B1_A03		GM_M49_B1_A03_MR
	34831	GM_M49_B1_A04	GM_M49_B1_A04_T7	
20	34832	GM_M49_B1_A04		GM_M49_B1_A04_MR
	34833	GM_M49_B1_A05	GM_M49_B1_A05_T7	
	34834	GM_M49_B1_A05		GM_M49_B1_A05_MR
	34835	GM_M49_B1_A06	GM_M49_B1_A06_T7	
	34836	GM_M49_B1_A06		GM_M49_B1_A06_MR
25	34837	GM_M49_B1_A07	GM_M49_B1_A07_T7	
	34838	GM_M49_B1_A07		GM_M49_B1_A07_MR
	34839	GM_M49_B1_A08	GM_M49_B1_A08_T7	
	34840	GM_M49_B1_A08		GM_M49_B1_A08_MR
	34841	GM_M49_B1_A09	GM_M49_B1_A09_T7	
30	34842	GM_M49_B1_A09		GM_M49_B1_A09_MR
	34843	GM_M49_B1_A10	GM_M49_B1_A10_T7	
	34844	GM_M49_B1_A10		GM_M49_B1_A10_MR
	34845	GM_M49_B1_A11		GM_M49_B1_A11_MR
	34846	GM_M49_B1_A12	GM_M49_B1_A12_T7	
35	34847	GM_M49_B1_A12		GM_M49_B1_A12_MR
	34848	GM_M49_B1_B01	GM_M49_B1_B01_T7	
	34849	GM_M49_B1_B01		GM_M49_B1_B01_MR
	34850	GM_M49_B1_B02	GM_M49_B1_B02_T7	
	34851	GM_M49_B1_B02		GM_M49_B1_B02_MR
40	34852	GM_M49_B1_B03	GM_M49_B1_B03_T7	
	34853	GM_M49_B1_B03		GM_M49_B1_B03_MR
	34854	GM_M49_B1_B04	GM_M49_B1_B04_T7	
	34855	GM_M49_B1_B05	GM_M49_B1_B05_T7	
	34856	GM_M49_B1_B05		GM_M49_B1_B05_MR
45	34857	GM_M49_B1_B06	GM_M49_B1_B06_T7	
	34858	GM_M49_B1_B06		GM_M49_B1_B06_MR
	34859	GM_M49_B1_B07		GM_M49_B1_B07_MR
	34860	GM_M49_B1_B08	GM_M49_B1_B08_T7	
	34861	GM_M49_B1_B08		GM_M49_B1_B08_MR
50	34862	GM_M49_B1_B09	GM_M49_B1_B09_T7	
	34863	GM_M49_B1_B09		GM_M49_B1_B09_MR
	34864	GM_M49_B1_B10	GM_M49_B1_B10_T7	
	34865	GM_M49_B1_B10		GM_M49_B1_B10_MR
	34866	GM_M49_B1_B11	GM_M49_B1_B11_T7	
55	34867	GM_M49_B1_B11		GM_M49_B1_B11_MR

	34868	GM_M49_B1_B12	GM_M49_B1_B12_T7	
	34869	GM_M49_B1_B12		GM_M49_B1_B12_MR
	34870	GM_M49_B1_C01		GM_M49_B1_C01_MR
	34871	GM_M49_B1_C02	GM_M49_B1_C02_T7	
5	34872	GM_M49_B1_C02		GM_M49_B1_C02_MR
	34873	GM_M49_B1_C03	GM_M49_B1_C03_T7	
	34874	GM_M49_B1_C03		GM_M49_B1_C03_MR
	34875	GM_M49_B1_C04	GM_M49_B1_C04_T7	
	34876	GM_M49_B1_C04		GM_M49_B1_C04_MR
10	34877	GM_M49_B1_C06	GM_M49_B1_C06_T7	
	34878	GM_M49_B1_C06		GM_M49_B1_C06_MR
	34879	GM_M49_B1_C07	GM_M49_B1_C07_T7	
	34880	GM_M49_B1_C07		GM_M49_B1_C07_MR
	34881	GM_M49_B1_C08	GM_M49_B1_C08_T7	
15	34882	GM_M49_B1_C08		GM_M49_B1_C08_MR
	34883	GM_M49_B1_C09		GM_M49_B1_C09_MR
	34884	GM_M49_B1_C11		GM_M49_B1_C11_MR
	34885	GM_M49_B1_C12	GM_M49_B1_C12_T7	
	34886	GM_M49_B1_C12		GM_M49_B1_C12_MR
20	34887	GM_M49_B1_D01	GM_M49_B1_D01_T7	
	34888	GM_M49_B1_D01		GM_M49_B1_D01_MR
	34889	GM_M49_B1_D02	GM_M49_B1_D02_T7	
	34890	GM_M49_B1_D02		GM_M49_B1_D02_MR
25	34891	GM_M49_B1_D03	GM_M49_B1_D03_T7	
	34892	GM_M49_B1_D03		GM_M49_B1_D03_MR
	34893	GM_M49_B1_D04	GM_M49_B1_D04_T7	
	34894	GM_M49_B1_D04		GM_M49_B1_D04_MR
	34895	GM_M49_B1_D05	GM_M49_B1_D05_T7	
	34896	GM_M49_B1_D05		GM_M49_B1_D05_MR
30	34897	GM_M49_B1_D06	GM_M49_B1_D06_T7	
	34898	GM_M49_B1_D06		GM_M49_B1_D06_MR
	34899	GM_M49_B1_D07	GM_M49_B1_D07_T7	
	34900	GM_M49_B1_D07		GM_M49_B1_D07_MR
	34901	GM_M49_B1_D08		GM_M49_B1_D08_MR
35	34902	GM_M49_B1_D09	GM_M49_B1_D09_T7	
	34903	GM_M49_B1_D09		GM_M49_B1_D09_MR
	34904	GM_M49_B1_D10	GM_M49_B1_D10_T7	
	34905	GM_M49_B1_D10		GM_M49_B1_D10_MR
	34906	GM_M49_B1_D11	GM_M49_B1_D11_T7	
40	34907	GM_M49_B1_D11		GM_M49_B1_D11_MR
	34908	GM_M49_B1_D12	GM_M49_B1_D12_T7	
	34909	GM_M49_B1_D12		GM_M49_B1_D12_MR
	34910	GM_M49_B1_E01	GM_M49_B1_E01_T7	
	34911	GM_M49_B1_E02	GM_M49_B1_E02_T7	
45	34912	GM_M49_B1_E02		GM_M49_B1_E02_MR
	34913	GM_M49_B1_E03	GM_M49_B1_E03_T7	
	34914	GM_M49_B1_E03		GM_M49_B1_E03_MR
	34915	GM_M49_B1_E05	GM_M49_B1_E05_T7	
	34916	GM_M49_B1_E05		GM_M49_B1_E05_MR
50	34917	GM_M49_B1_E06	GM_M49_B1_E06_T7	
	34918	GM_M49_B1_E06		GM_M49_B1_E06_MR
	34919	GM_M49_B1_E07	GM_M49_B1_E07_T7	
	34920	GM_M49_B1_E07		GM_M49_B1_E07_MR
	34921	GM_M49_B1_E08	GM_M49_B1_E08_T7	
55	34922	GM_M49_B1_E09	GM_M49_B1_E09_T7	

	34923	GM_M49_B1_E09		GM_M49_B1_E09_MR
	34924	GM_M49_B1_E10	GM_M49_B1_E10_T7	
	34925	GM_M49_B1_E10		GM_M49_B1_E10_MR
	34926	GM_M49_B1_E11	GM_M49_B1_E11_T7	
5	34927	GM_M49_B1_E11		GM_M49_B1_E11_MR
	34928	GM_M49_B1_E12	GM_M49_B1_E12_T7	
	34929	GM_M49_B1_E12		GM_M49_B1_E12_MR
	34930	GM_M49_B1_F01	GM_M49_B1_F01_T7	
	34931	GM_M49_B1_F01		GM_M49_B1_F01_MR
10	34932	GM_M49_B1_F02	GM_M49_B1_F02_T7	
	34933	GM_M49_B1_F02		GM_M49_B1_F02_MR
	34934	GM_M49_B1_F03	GM_M49_B1_F03_T7	
	34935	GM_M49_B1_F03		GM_M49_B1_F03_MR
	34936	GM_M49_B1_F04	GM_M49_B1_F04_T7	
15	34937	GM_M49_B1_F04		GM_M49_B1_F04_MR
	34938	GM_M49_B1_F05	GM_M49_B1_F05_T7	
	34939	GM_M49_B1_F05		GM_M49_B1_F05_MR
	34940	GM_M49_B1_F06	GM_M49_B1_F06_T7	
	34941	GM_M49_B1_F06		GM_M49_B1_F06_MR
20	34942	GM_M49_B1_F07	GM_M49_B1_F07_T7	
	34943	GM_M49_B1_F07		GM_M49_B1_F07_MR
	34944	GM_M49_B1_F09	GM_M49_B1_F09_T7	
	34945	GM_M49_B1_F09		GM_M49_B1_F09_MR
	34946	GM_M49_B1_F11	GM_M49_B1_F11_T7	
25	34947	GM_M49_B1_F11		GM_M49_B1_F11_MR
	34948	GM_M49_B1_F12	GM_M49_B1_F12_T7	
	34949	GM_M49_B1_F12		GM_M49_B1_F12_MR
	34950	GM_M49_B1_G01	GM_M49_B1_G01_T7	
	34951	GM_M49_B1_G01		GM_M49_B1_G01_MR
30	34952	GM_M49_B1_G02	GM_M49_B1_G02_T7	
	34953	GM_M49_B1_G02		GM_M49_B1_G02_MR
	34954	GM_M49_B1_G03	GM_M49_B1_G03_T7	
	34955	GM_M49_B1_G03		GM_M49_B1_G03_MR
	34956	GM_M49_B1_G04	GM_M49_B1_G04_T7	
35	34957	GM_M49_B1_G04		GM_M49_B1_G04_MR
	34958	GM_M49_B1_G05	GM_M49_B1_G05_T7	
	34959	GM_M49_B1_G05		GM_M49_B1_G05_MR
	34960	GM_M49_B1_G06	GM_M49_B1_G06_T7	
	34961	GM_M49_B1_G06		GM_M49_B1_G06_MR
40	34962	GM_M49_B1_G09	GM_M49_B1_G09_T7	
	34963	GM_M49_B1_G09		GM_M49_B1_G09_MR
	34964	GM_M49_B1_G10	GM_M49_B1_G10_T7	
	34965	GM_M49_B1_G10		GM_M49_B1_G10_MR
	34966	GM_M49_B1_G11	GM_M49_B1_G11_T7	
45	34967	GM_M49_B1_G11		GM_M49_B1_G11_MR
	34968	GM_M49_B1_G12	GM_M49_B1_G12_T7	
	34969	GM_M49_B1_G12		GM_M49_B1_G12_MR
	34970	GM_M49_B1_H02	GM_M49_B1_H02_T7	
	34971	GM_M49_B1_H02		GM_M49_B1_H02_MR
50	34972	GM_M49_B1_H03	GM_M49_B1_H03_T7	
	34973	GM_M49_B1_H03		GM_M49_B1_H03_MR
	34974	GM_M49_B1_H04	GM_M49_B1_H04_T7	
	34975	GM_M49_B1_H04		GM_M49_B1_H04_MR
	34976	GM_M49_B1_H05	GM_M49_B1_H05_T7	
55	34977	GM_M49_B1_H05		GM_M49_B1_H05_MR

	34978	GM_M49_B1_H06	GM_M49_B1_H06_T7	
	34979	GM_M49_B1_H06		GM_M49_B1_H06_MR
	34980	GM_M49_B1_H07	GM_M49_B1_H07_T7	
	34981	GM_M49_B1_H07		GM_M49_B1_H07_MR
5	34982	GM_M49_B1_H08	GM_M49_B1_H08_T7	
	34983	GM_M49_B1_H08		GM_M49_B1_H08_MR
	34984	GM_M49_B1_H09	GM_M49_B1_H09_T7	
	34985	GM_M49_B1_H09		GM_M49_B1_H09_MR
	34986	GM_M49_B1_H10	GM_M49_B1_H10_T7	
10	34987	GM_M49_B1_H10		GM_M49_B1_H10_MR
	34988	GM_M49_B1_H11	GM_M49_B1_H11_T7	
	34989	GM_M49_B1_H11		GM_M49_B1_H11_MR
	34990	GM_M49_B1_H12	GM_M49_B1_H12_T7	
	34991	GM_M49_B1_H12		GM_M49_B1_H12_MR
15	34992	GM_M50_A1_A01	GM_M50_A1_A01_T7	
	34993	GM_M50_A1_A01		GM_M50_A1_A01_MR
	34994	GM_M50_A1_A02	GM_M50_A1_A02_T7	
	34995	GM_M50_A1_A02		GM_M50_A1_A02_MR
	34996	GM_M50_A1_A04	GM_M50_A1_A04_T7	
20	34997	GM_M50_A1_A04		GM_M50_A1_A04_MR
	34998	GM_M50_A1_A05	GM_M50_A1_A05_T7	
	34999	GM_M50_A1_A05		GM_M50_A1_A05_MR
	35000	GM_M50_A1_A06	GM_M50_A1_A06_T7	
	35001	GM_M50_A1_A06		GM_M50_A1_A06_MR
25	35002	GM_M50_A1_A07	GM_M50_A1_A07_T7	
	35003	GM_M50_A1_A07		GM_M50_A1_A07_MR
	35004	GM_M50_A1_A08	GM_M50_A1_A08_T7	
	35005	GM_M50_A1_A08		GM_M50_A1_A08_MR
	35006	GM_M50_A1_A09	GM_M50_A1_A09_T7	
30	35007	GM_M50_A1_A09		GM_M50_A1_A09_MR
	35008	GM_M50_A1_A10	GM_M50_A1_A10_T7	
	35009	GM_M50_A1_A10		GM_M50_A1_A10_MR
	35010	GM_M50_A1_A11	GM_M50_A1_A11_T7	
	35011	GM_M50_A1_A11		GM_M50_A1_A11_MR
35	35012	GM_M50_A1_A12	GM_M50_A1_A12_T7	
	35013	GM_M50_A1_A12		GM_M50_A1_A12_MR
	35014	GM_M50_A1_B01	GM_M50_A1_B01_T7	
	35015	GM_M50_A1_B01		GM_M50_A1_B01_MR
	35016	GM_M50_A1_B02	GM_M50_A1_B02_T7	
40	35017	GM_M50_A1_B02		GM_M50_A1_B02_MR
	35018	GM_M50_A1_B03	GM_M50_A1_B03_T7	
	35019	GM_M50_A1_B03		GM_M50_A1_B03_MR
	35020	GM_M50_A1_B04	GM_M50_A1_B04_T7	
	35021	GM_M50_A1_B04		GM_M50_A1_B04_MR
45	35022	GM_M50_A1_B05	GM_M50_A1_B05_T7	
	35023	GM_M50_A1_B05		GM_M50_A1_B05_MR
	35024	GM_M50_A1_B06	GM_M50_A1_B06_T7	
	35025	GM_M50_A1_B06		GM_M50_A1_B06_MR
	35026	GM_M50_A1_B07	GM_M50_A1_B07_T7	
50	35027	GM_M50_A1_B07		GM_M50_A1_B07_MR
	35028	GM_M50_A1_B08	GM_M50_A1_B08_T7	
	35029	GM_M50_A1_B08		GM_M50_A1_B08_MR
	35030	GM_M50_A1_B09	GM_M50_A1_B09_T7	
	35031	GM_M50_A1_B09		GM_M50_A1_B09_MR
55	35032	GM_M50_A1_B10	GM_M50_A1_B10_T7	

	35033	GM_M50_A1_B10		GM_M50_A1_B10_MR
	35034	GM_M50_A1_B11	GM_M50_A1_B11_T7	
	35035	GM_M50_A1_B12	GM_M50_A1_B12_T7	
	35036	GM_M50_A1_B12		GM_M50_A1_B12_MR
5	35037	GM_M50_A1_C01	GM_M50_A1_C01_T7	
	35038	GM_M50_A1_C01		GM_M50_A1_C01_MR
	35039	GM_M50_A1_C02	GM_M50_A1_C02_T7	
	35040	GM_M50_A1_C02		GM_M50_A1_C02_MR
	35041	GM_M50_A1_C03	GM_M50_A1_C03_T7	
10	35042	GM_M50_A1_C03		GM_M50_A1_C03_MR
	35043	GM_M50_A1_C04	GM_M50_A1_C04_T7	
	35044	GM_M50_A1_C04		GM_M50_A1_C04_MR
	35045	GM_M50_A1_C05	GM_M50_A1_C05_T7	
	35046	GM_M50_A1_C05		GM_M50_A1_C05_MR
15	35047	GM_M50_A1_C06	GM_M50_A1_C06_T7	
	35048	GM_M50_A1_C06		GM_M50_A1_C06_MR
	35049	GM_M50_A1_C07	GM_M50_A1_C07_T7	
	35050	GM_M50_A1_C07		GM_M50_A1_C07_MR
	35051	GM_M50_A1_C08	GM_M50_A1_C08_T7	
20	35052	GM_M50_A1_C08		GM_M50_A1_C08_MR
	35053	GM_M50_A1_C09	GM_M50_A1_C09_T7	
	35054	GM_M50_A1_C09		GM_M50_A1_C09_MR
	35055	GM_M50_A1_C10	GM_M50_A1_C10_T7	
	35056	GM_M50_A1_C10		GM_M50_A1_C10_MR
25	35057	GM_M50_A1_C11	GM_M50_A1_C11_T7	
	35058	GM_M50_A1_C11		GM_M50_A1_C11_MR
	35059	GM_M50_A1_C12	GM_M50_A1_C12_T7	
	35060	GM_M50_A1_C12		GM_M50_A1_C12_MR
	35061	GM_M50_A1_D01	GM_M50_A1_D01_T7	
30	35062	GM_M50_A1_D01		GM_M50_A1_D01_MR
	35063	GM_M50_A1_D02	GM_M50_A1_D02_T7	
	35064	GM_M50_A1_D02		GM_M50_A1_D02_MR
	35065	GM_M50_A1_D03	GM_M50_A1_D03_T7	
	35066	GM_M50_A1_D03		GM_M50_A1_D03_MR
35	35067	GM_M50_A1_D04	GM_M50_A1_D04_T7	
	35068	GM_M50_A1_D04		GM_M50_A1_D04_MR
	35069	GM_M50_A1_D05	GM_M50_A1_D05_T7	
	35070	GM_M50_A1_D05		GM_M50_A1_D05_MR
	35071	GM_M50_A1_D06	GM_M50_A1_D06_T7	
40	35072	GM_M50_A1_D06		GM_M50_A1_D06_MR
	35073	GM_M50_A1_D07	GM_M50_A1_D07_T7	
	35074	GM_M50_A1_D07		GM_M50_A1_D07_MR
	35075	GM_M50_A1_D08	GM_M50_A1_D08_T7	
	35076	GM_M50_A1_D08		GM_M50_A1_D08_MR
45	35077	GM_M50_A1_D09	GM_M50_A1_D09_T7	
	35078	GM_M50_A1_D09		GM_M50_A1_D09_MR
	35079	GM_M50_A1_D10	GM_M50_A1_D10_T7	
	35080	GM_M50_A1_D10		GM_M50_A1_D10_MR
	35081	GM_M50_A1_D11	GM_M50_A1_D11_T7	
50	35082	GM_M50_A1_D11		GM_M50_A1_D11_MR
	35083	GM_M50_A1_D12	GM_M50_A1_D12_T7	
	35084	GM_M50_A1_D12		GM_M50_A1_D12_MR
	35085	GM_M50_A1_E01	GM_M50_A1_E01_T7	
	35086	GM_M50_A1_E01		GM_M50_A1_E01_MR
55	35087	GM_M50_A1_E02	GM_M50_A1_E02_T7	

	35088	GM_M50_A1_E02		GM_M50_A1_E02_MR
	35089	GM_M50_A1_E03	GM_M50_A1_E03_T7	
	35090	GM_M50_A1_E03		GM_M50_A1_E03_MR
	35091	GM_M50_A1_E05	GM_M50_A1_E05_T7	
5	35092	GM_M50_A1_E05		GM_M50_A1_E05_MR
	35093	GM_M50_A1_E06	GM_M50_A1_E06_T7	
	35094	GM_M50_A1_E07	GM_M50_A1_E07_T7	
	35095	GM_M50_A1_E07		GM_M50_A1_E07_MR
	35096	GM_M50_A1_E08	GM_M50_A1_E08_T7	
10	35097	GM_M50_A1_E08		GM_M50_A1_E08_MR
	35098	GM_M50_A1_E09	GM_M50_A1_E09_T7	
	35099	GM_M50_A1_E09		GM_M50_A1_E09_MR
	35100	GM_M50_A1_E10	GM_M50_A1_E10_T7	
	35101	GM_M50_A1_E10		GM_M50_A1_E10_MR
15	35102	GM_M50_A1_E11	GM_M50_A1_E11_T7	
	35103	GM_M50_A1_E11		GM_M50_A1_E11_MR
	35104	GM_M50_A1_F01	GM_M50_A1_F01_T7	
	35105	GM_M50_A1_F01		GM_M50_A1_F01_MR
	35106	GM_M50_A1_F03	GM_M50_A1_F03_T7	
20	35107	GM_M50_A1_F03		GM_M50_A1_F03_MR
	35108	GM_M50_A1_F04	GM_M50_A1_F04_T7	
	35109	GM_M50_A1_F04		GM_M50_A1_F04_MR
	35110	GM_M50_A1_F05		GM_M50_A1_F05_MR
	35111	GM_M50_A1_F06	GM_M50_A1_F06_T7	
25	35112	GM_M50_A1_F06		GM_M50_A1_F06_MR
	35113	GM_M50_A1_F07		GM_M50_A1_F07_MR
	35114	GM_M50_A1_F08	GM_M50_A1_F08_T7	
	35115	GM_M50_A1_F09	GM_M50_A1_F09_T7	
	35116	GM_M50_A1_F09		GM_M50_A1_F09_MR
30	35117	GM_M50_A1_F10	GM_M50_A1_F10_T7	
	35118	GM_M50_A1_F10		GM_M50_A1_F10_MR
	35119	GM_M50_A1_F11	GM_M50_A1_F11_T7	
	35120	GM_M50_A1_F11		GM_M50_A1_F11_MR
	35121	GM_M50_A1_G01	GM_M50_A1_G01_T7	
35	35122	GM_M50_A1_G01		GM_M50_A1_G01_MR
	35123	GM_M50_A1_G02	GM_M50_A1_G02_T7	
	35124	GM_M50_A1_G02		GM_M50_A1_G02_MR
	35125	GM_M50_A1_G03	GM_M50_A1_G03_T7	
	35126	GM_M50_A1_G03		GM_M50_A1_G03_MR
40	35127	GM_M50_A1_G04	GM_M50_A1_G04_T7	
	35128	GM_M50_A1_G04		GM_M50_A1_G04_MR
	35129	GM_M50_A1_G05	GM_M50_A1_G05_T7	
	35130	GM_M50_A1_G05		GM_M50_A1_G05_MR
	35131	GM_M50_A1_G06	GM_M50_A1_G06_T7	
45	35132	GM_M50_A1_G06		GM_M50_A1_G06_MR
	35133	GM_M50_A1_G07	GM_M50_A1_G07_T7	
	35134	GM_M50_A1_G07		GM_M50_A1_G07_MR
	35135	GM_M50_A1_G08	GM_M50_A1_G08_T7	
	35136	GM_M50_A1_G08		GM_M50_A1_G08_MR
50	35137	GM_M50_A1_G09	GM_M50_A1_G09_T7	
	35138	GM_M50_A1_G09		GM_M50_A1_G09_MR
	35139	GM_M50_A1_G10	GM_M50_A1_G10_T7	
	35140	GM_M50_A1_G10		GM_M50_A1_G10_MR
	35141	GM_M50_A1_G11	GM_M50_A1_G11_T7	
55	35142	GM_M50_A1_G11		GM_M50_A1_G11_MR

	35143	GM_M50_A1_G12	GM_M50_A1_G12_T7	
	35144	GM_M50_A1_G12		GM_M50_A1_G12_MR
	35145	GM_M50_A1_H01	GM_M50_A1_H01_T7	
	35146	GM_M50_A1_H01		GM_M50_A1_H01_MR
5	35147	GM_M50_A1_H02	GM_M50_A1_H02_T7	
	35148	GM_M50_A1_H02		GM_M50_A1_H02_MR
	35149	GM_M50_A1_H03	GM_M50_A1_H03_T7	
	35150	GM_M50_A1_H03		GM_M50_A1_H03_MR
	35151	GM_M50_A1_H04	GM_M50_A1_H04_T7	
10	35152	GM_M50_A1_H04		GM_M50_A1_H04_MR
	35153	GM_M50_A1_H05	GM_M50_A1_H05_T7	
	35154	GM_M50_A1_H05		GM_M50_A1_H05_MR
	35155	GM_M50_A1_H06	GM_M50_A1_H06_T7	
	35156	GM_M50_A1_H06		GM_M50_A1_H06_MR
15	35157	GM_M50_A1_H07	GM_M50_A1_H07_T7	
	35158	GM_M50_A1_H07		GM_M50_A1_H07_MR
	35159	GM_M50_A1_H08	GM_M50_A1_H08_T7	
	35160	GM_M50_A1_H08		GM_M50_A1_H08_MR
	35161	GM_M50_A1_H09	GM_M50_A1_H09_T7	
20	35162	GM_M50_A1_H09		GM_M50_A1_H09_MR
	35163	GM_M50_A1_H10	GM_M50_A1_H10_T7	
	35164	GM_M50_A1_H10		GM_M50_A1_H10_MR
	35165	GM_M50_A1_H11	GM_M50_A1_H11_T7	
	35166	GM_M50_A1_H11		GM_M50_A1_H11_MR
25	35167	GM_M50_A1_H12	GM_M50_A1_H12_T7	
	35168	GM_M50_A1_H12		GM_M50_A1_H12_MR
	35169	GM_M50_A2_A01	GM_M50_A2_A01_T7	
	35170	GM_M50_A2_A01		GM_M50_A2_A01_MR
	35171	GM_M50_A2_A02	GM_M50_A2_A02_T7	
30	35172	GM_M50_A2_A02		GM_M50_A2_A02_MR
	35173	GM_M50_A2_A03	GM_M50_A2_A03_T7	
	35174	GM_M50_A2_A03		GM_M50_A2_A03_MR
	35175	GM_M50_A2_A04	GM_M50_A2_A04_T7	
	35176	GM_M50_A2_A04		GM_M50_A2_A04_MR
35	35177	GM_M50_A2_A05	GM_M50_A2_A05_T7	
	35178	GM_M50_A2_A05		GM_M50_A2_A05_MR
	35179	GM_M50_A2_A06	GM_M50_A2_A06_T7	
	35180	GM_M50_A2_A06		GM_M50_A2_A06_MR
	35181	GM_M50_A2_A08	GM_M50_A2_A08_T7	
40	35182	GM_M50_A2_A08		GM_M50_A2_A08_MR
	35183	GM_M50_A2_A09	GM_M50_A2_A09_T7	
	35184	GM_M50_A2_A09		GM_M50_A2_A09_MR
	35185	GM_M50_A2_A10	GM_M50_A2_A10_T7	
	35186	GM_M50_A2_A10		GM_M50_A2_A10_MR
45	35187	GM_M50_A2_A11	GM_M50_A2_A11_T7	
	35188	GM_M50_A2_A11		GM_M50_A2_A11_MR
	35189	GM_M50_A2_A12	GM_M50_A2_A12_T7	
	35190	GM_M50_A2_A12		GM_M50_A2_A12_MR
	35191	GM_M50_A2_B01	GM_M50_A2_B01_T7	
50	35192	GM_M50_A2_B01		GM_M50_A2_B01_MR
	35193	GM_M50_A2_B02	GM_M50_A2_B02_T7	
	35194	GM_M50_A2_B02		GM_M50_A2_B02_MR
	35195	GM_M50_A2_B03	GM_M50_A2_B03_T7	
	35196	GM_M50_A2_B04	GM_M50_A2_B04_T7	
55	35197	GM_M50_A2_B04		GM_M50_A2_B04_MR

	35198	GM_M50_A2_B05	GM_M50_A2_B05_T7	
	35199	GM_M50_A2_B05		GM_M50_A2_B05_MR
	35200	GM_M50_A2_B06	GM_M50_A2_B06_T7	
	35201	GM_M50_A2_B06		GM_M50_A2_B06_MR
5	35202	GM_M50_A2_B07	GM_M50_A2_B07_T7	
	35203	GM_M50_A2_B07		GM_M50_A2_B07_MR
	35204	GM_M50_A2_B08	GM_M50_A2_B08_T7	
	35205	GM_M50_A2_B09	GM_M50_A2_B09_T7	
	35206	GM_M50_A2_B09		GM_M50_A2_B09_MR
10	35207	GM_M50_A2_B10	GM_M50_A2_B10_T7	
	35208	GM_M50_A2_B10		GM_M50_A2_B10_MR
	35209	GM_M50_A2_B11	GM_M50_A2_B11_T7	
	35210	GM_M50_A2_B12	GM_M50_A2_B12_T7	
	35211	GM_M50_A2_B12		GM_M50_A2_B12_MR
15	35212	GM_M50_A2_C01	GM_M50_A2_C01_T7	
	35213	GM_M50_A2_C01		GM_M50_A2_C01_MR
	35214	GM_M50_A2_C02	GM_M50_A2_C02_T7	
	35215	GM_M50_A2_C02		GM_M50_A2_C02_MR
	35216	GM_M50_A2_C03	GM_M50_A2_C03_T7	
20	35217	GM_M50_A2_C03		GM_M50_A2_C03_MR
	35218	GM_M50_A2_C04	GM_M50_A2_C04_T7	
	35219	GM_M50_A2_C05	GM_M50_A2_C05_T7	
	35220	GM_M50_A2_C05		GM_M50_A2_C05_MR
	35221	GM_M50_A2_C06	GM_M50_A2_C06_T7	
25	35222	GM_M50_A2_C07	GM_M50_A2_C07_T7	
	35223	GM_M50_A2_C07		GM_M50_A2_C07_MR
	35224	GM_M50_A2_C08	GM_M50_A2_C08_T7	
	35225	GM_M50_A2_C08		GM_M50_A2_C08_MR
	35226	GM_M50_A2_C09	GM_M50_A2_C09_T7	
30	35227	GM_M50_A2_C09		GM_M50_A2_C09_MR
	35228	GM_M50_A2_C10		GM_M50_A2_C10_MR
	35229	GM_M50_A2_C11	GM_M50_A2_C11_T7	
	35230	GM_M50_A2_C11		GM_M50_A2_C11_MR
	35231	GM_M50_A2_C12	GM_M50_A2_C12_T7	
35	35232	GM_M50_A2_C12		GM_M50_A2_C12_MR
	35233	GM_M50_A2_D01	GM_M50_A2_D01_T7	
	35234	GM_M50_A2_D01		GM_M50_A2_D01_MR
	35235	GM_M50_A2_D02	GM_M50_A2_D02_T7	
	35236	GM_M50_A2_D02		GM_M50_A2_D02_MR
40	35237	GM_M50_A2_D03	GM_M50_A2_D03_T7	
	35238	GM_M50_A2_D03		GM_M50_A2_D03_MR
	35239	GM_M50_A2_D05	GM_M50_A2_D05_T7	
	35240	GM_M50_A2_D05		GM_M50_A2_D05_MR
	35241	GM_M50_A2_D06	GM_M50_A2_D06_T7	
45	35242	GM_M50_A2_D06		GM_M50_A2_D06_MR
	35243	GM_M50_A2_D07	GM_M50_A2_D07_T7	
	35244	GM_M50_A2_D07		GM_M50_A2_D07_MR
	35245	GM_M50_A2_D08	GM_M50_A2_D08_T7	
	35246	GM_M50_A2_D08		GM_M50_A2_D08_MR
50	35247	GM_M50_A2_D09	GM_M50_A2_D09_T7	
	35248	GM_M50_A2_D09		GM_M50_A2_D09_MR
	35249	GM_M50_A2_D10	GM_M50_A2_D10_T7	
	35250	GM_M50_A2_D10		GM_M50_A2_D10_MR
	35251	GM_M50_A2_D11	GM_M50_A2_D11_T7	
55	35252	GM_M50_A2_D11		GM_M50_A2_D11_MR

	35253	GM_M50_A2_D12	GM_M50_A2_D12_T7	
	35254	GM_M50_A2_D12		GM_M50_A2_D12_MR
	35255	GM_M50_A2_E01	GM_M50_A2_E01_T7	
	35256	GM_M50_A2_E01		GM_M50_A2_E01_MR
5	35257	GM_M50_A2_E02	GM_M50_A2_E02_T7	
	35258	GM_M50_A2_E03	GM_M50_A2_E03_T7	
	35259	GM_M50_A2_E03		GM_M50_A2_E03_MR
	35260	GM_M50_A2_E04	GM_M50_A2_E04_T7	
	35261	GM_M50_A2_E04		GM_M50_A2_E04_MR
10	35262	GM_M50_A2_E05	GM_M50_A2_E05_T7	
	35263	GM_M50_A2_E06	GM_M50_A2_E06_T7	
	35264	GM_M50_A2_E07	GM_M50_A2_E07_T7	
	35265	GM_M50_A2_E07		GM_M50_A2_E07_MR
	35266	GM_M50_A2_E09	GM_M50_A2_E09_T7	
15	35267	GM_M50_A2_E09		GM_M50_A2_E09_MR
	35268	GM_M50_A2_E10	GM_M50_A2_E10_T7	
	35269	GM_M50_A2_E10		GM_M50_A2_E10_MR
	35270	GM_M50_A2_E11	GM_M50_A2_E11_T7	
	35271	GM_M50_A2_E12	GM_M50_A2_E12_T7	
20	35272	GM_M50_A2_E12		GM_M50_A2_E12_MR
	35273	GM_M50_A2_F01	GM_M50_A2_F01_T7	
	35274	GM_M50_A2_F01		GM_M50_A2_F01_MR
	35275	GM_M50_A2_F02	GM_M50_A2_F02_T7	
	35276	GM_M50_A2_F02		GM_M50_A2_F02_MR
25	35277	GM_M50_A2_F03	GM_M50_A2_F03_T7	
	35278	GM_M50_A2_F03		GM_M50_A2_F03_MR
	35279	GM_M50_A2_F04	GM_M50_A2_F04_T7	
	35280	GM_M50_A2_F04		GM_M50_A2_F04_MR
	35281	GM_M50_A2_F05	GM_M50_A2_F05_T7	
30	35282	GM_M50_A2_F05		GM_M50_A2_F05_MR
	35283	GM_M50_A2_F06	GM_M50_A2_F06_T7	
	35284	GM_M50_A2_F07	GM_M50_A2_F07_T7	
	35285	GM_M50_A2_F07		GM_M50_A2_F07_MR
	35286	GM_M50_A2_F08	GM_M50_A2_F08_T7	
35	35287	GM_M50_A2_F08		GM_M50_A2_F08_MR
	35288	GM_M50_A2_F09	GM_M50_A2_F09_T7	
	35289	GM_M50_A2_F09		GM_M50_A2_F09_MR
	35290	GM_M50_A2_F10	GM_M50_A2_F10_T7	
	35291	GM_M50_A2_F10		GM_M50_A2_F10_MR
40	35292	GM_M50_A2_F11	GM_M50_A2_F11_T7	
	35293	GM_M50_A2_F11		GM_M50_A2_F11_MR
	35294	GM_M50_A2_F12	GM_M50_A2_F12_T7	
	35295	GM_M50_A2_F12		GM_M50_A2_F12_MR
	35296	GM_M50_A2_G01	GM_M50_A2_G01_T7	
45	35297	GM_M50_A2_G01		GM_M50_A2_G01_MR
	35298	GM_M50_A2_G02	GM_M50_A2_G02_T7	
	35299	GM_M50_A2_G02		GM_M50_A2_G02_MR
	35300	GM_M50_A2_G03	GM_M50_A2_G03_T7	
	35301	GM_M50_A2_G03		GM_M50_A2_G03_MR
50	35302	GM_M50_A2_G04	GM_M50_A2_G04_T7	
	35303	GM_M50_A2_G04		GM_M50_A2_G04_MR
	35304	GM_M50_A2_G05		GM_M50_A2_G05_MR
	35305	GM_M50_A2_G06	GM_M50_A2_G06_T7	
	35306	GM_M50_A2_G06		GM_M50_A2_G06_MR
55	35307	GM_M50_A2_G07	GM_M50_A2_G07_T7	

	35308	GM_M50_A2_G07		GM_M50_A2_G07_MR
	35309	GM_M50_A2_G08	GM_M50_A2_G08_T7	
	35310	GM_M50_A2_G08		GM_M50_A2_G08_MR
	35311	GM_M50_A2_G09	GM_M50_A2_G09_T7	
5	35312	GM_M50_A2_G09		GM_M50_A2_G09_MR
	35313	GM_M50_A2_G10	GM_M50_A2_G10_T7	
	35314	GM_M50_A2_G10		GM_M50_A2_G10_MR
	35315	GM_M50_A2_G11	GM_M50_A2_G11_T7	
	35316	GM_M50_A2_G11		GM_M50_A2_G11_MR
10	35317	GM_M50_A2_G12	GM_M50_A2_G12_T7	
	35318	GM_M50_A2_G12		GM_M50_A2_G12_MR
	35319	GM_M50_A2_H01	GM_M50_A2_H01_T7	
	35320	GM_M50_A2_H01		GM_M50_A2_H01_MR
	35321	GM_M50_A2_H02	GM_M50_A2_H02_T7	
15	35322	GM_M50_A2_H02		GM_M50_A2_H02_MR
	35323	GM_M50_A2_H03	GM_M50_A2_H03_T7	
	35324	GM_M50_A2_H03		GM_M50_A2_H03_MR
	35325	GM_M50_A2_H04	GM_M50_A2_H04_T7	
	35326	GM_M50_A2_H04		GM_M50_A2_H04_MR
20	35327	GM_M50_A2_H05	GM_M50_A2_H05_T7	
	35328	GM_M50_A2_H05		GM_M50_A2_H05_MR
	35329	GM_M50_A2_H06	GM_M50_A2_H06_T7	
	35330	GM_M50_A2_H07	GM_M50_A2_H07_T7	
	35331	GM_M50_A2_H07		GM_M50_A2_H07_MR
25	35332	GM_M50_A2_H08	GM_M50_A2_H08_T7	
	35333	GM_M50_A2_H08		GM_M50_A2_H08_MR
	35334	GM_M50_A2_H09	GM_M50_A2_H09_T7	
	35335	GM_M50_A2_H09		GM_M50_A2_H09_MR
	35336	GM_M50_A2_H10	GM_M50_A2_H10_T7	
30	35337	GM_M50_A2_H10		GM_M50_A2_H10_MR
	35338	GM_M50_A2_H11	GM_M50_A2_H11_T7	
	35339	GM_M50_A2_H11		GM_M50_A2_H11_MR
	35340	GM_M50_A2_H12	GM_M50_A2_H12_T7	
	35341	GM_M50_A2_H12		GM_M50_A2_H12_MR
35	35342	GM_M50_B1_A01	GM_M50_B1_A01_T7	
	35343	GM_M50_B1_A01		GM_M50_B1_A01_MR
	35344	GM_M50_B1_A02	GM_M50_B1_A02_T7	
	35345	GM_M50_B1_A03	GM_M50_B1_A03_T7	
	35346	GM_M50_B1_A03		GM_M50_B1_A03_MR
40	35347	GM_M50_B1_A04	GM_M50_B1_A04_T7	
	35348	GM_M50_B1_A04		GM_M50_B1_A04_MR
	35349	GM_M50_B1_A05	GM_M50_B1_A05_T7	
	35350	GM_M50_B1_A05		GM_M50_B1_A05_MR
	35351	GM_M50_B1_A06	GM_M50_B1_A06_T7	
45	35352	GM_M50_B1_A07	GM_M50_B1_A07_T7	
	35353	GM_M50_B1_A07		GM_M50_B1_A07_MR
	35354	GM_M50_B1_A08	GM_M50_B1_A08_T7	
	35355	GM_M50_B1_A08		GM_M50_B1_A08_MR
	35356	GM_M50_B1_A09	GM_M50_B1_A09_T7	
50	35357	GM_M50_B1_A09		GM_M50_B1_A09_MR
	35358	GM_M50_B1_A10	GM_M50_B1_A10_T7	
	35359	GM_M50_B1_A10		GM_M50_B1_A10_MR
	35360	GM_M50_B1_A11	GM_M50_B1_A11_T7	
	35361	GM_M50_B1_A11		GM_M50_B1_A11_MR
55	35362	GM_M50_B1_A12	GM_M50_B1_A12_T7	

	35363	GM_M50_B1_A12		GM_M50_B1_A12_MR
	35364	GM_M50_B1_B01	GM_M50_B1_B01_T7	
	35365	GM_M50_B1_B01		GM_M50_B1_B01_MR
	35366	GM_M50_B1_B02	GM_M50_B1_B02_T7	
5	35367	GM_M50_B1_B02		GM_M50_B1_B02_MR
	35368	GM_M50_B1_B03	GM_M50_B1_B03_T7	
	35369	GM_M50_B1_B03		GM_M50_B1_B03_MR
	35370	GM_M50_B1_B04	GM_M50_B1_B04_T7	
	35371	GM_M50_B1_B04		GM_M50_B1_B04_MR
10	35372	GM_M50_B1_B05	GM_M50_B1_B05_T7	
	35373	GM_M50_B1_B05		GM_M50_B1_B05_MR
	35374	GM_M50_B1_B06	GM_M50_B1_B06_T7	
	35375	GM_M50_B1_B06		GM_M50_B1_B06_MR
	35376	GM_M50_B1_B07	GM_M50_B1_B07_T7	
15	35377	GM_M50_B1_B07		GM_M50_B1_B07_MR
	35378	GM_M50_B1_B08	GM_M50_B1_B08_T7	
	35379	GM_M50_B1_B08		GM_M50_B1_B08_MR
	35380	GM_M50_B1_B09	GM_M50_B1_B09_T7	
	35381	GM_M50_B1_B09		GM_M50_B1_B09_MR
20	35382	GM_M50_B1_B10	GM_M50_B1_B10_T7	
	35383	GM_M50_B1_B10		GM_M50_B1_B10_MR
	35384	GM_M50_B1_B11	GM_M50_B1_B11_T7	
	35385	GM_M50_B1_B11		GM_M50_B1_B11_MR
	35386	GM_M50_B1_B12	GM_M50_B1_B12_T7	
25	35387	GM_M50_B1_B12		GM_M50_B1_B12_MR
	35388	GM_M50_B1_C01	GM_M50_B1_C01_T7	
	35389	GM_M50_B1_C01		GM_M50_B1_C01_MR
	35390	GM_M50_B1_C02	GM_M50_B1_C02_T7	
	35391	GM_M50_B1_C02		GM_M50_B1_C02_MR
30	35392	GM_M50_B1_C03	GM_M50_B1_C03_T7	
	35393	GM_M50_B1_C03		GM_M50_B1_C03_MR
	35394	GM_M50_B1_C04	GM_M50_B1_C04_T7	
	35395	GM_M50_B1_C04		GM_M50_B1_C04_MR
	35396	GM_M50_B1_C05	GM_M50_B1_C05_T7	
35	35397	GM_M50_B1_C06	GM_M50_B1_C06_T7	
	35398	GM_M50_B1_C06		GM_M50_B1_C06_MR
	35399	GM_M50_B1_C07	GM_M50_B1_C07_T7	
	35400	GM_M50_B1_C07		GM_M50_B1_C07_MR
	35401	GM_M50_B1_C08	GM_M50_B1_C08_T7	
40	35402	GM_M50_B1_C09	GM_M50_B1_C09_T7	
	35403	GM_M50_B1_C09		GM_M50_B1_C09_MR
	35404	GM_M50_B1_C10	GM_M50_B1_C10_T7	
	35405	GM_M50_B1_C10		GM_M50_B1_C10_MR
	35406	GM_M50_B1_C11	GM_M50_B1_C11_T7	
45	35407	GM_M50_B1_C11		GM_M50_B1_C11_MR
	35408	GM_M50_B1_C12	GM_M50_B1_C12_T7	
	35409	GM_M50_B1_C12		GM_M50_B1_C12_MR
	35410	GM_M50_B1_D02	GM_M50_B1_D02_T7	
	35411	GM_M50_B1_D02		GM_M50_B1_D02_MR
50	35412	GM_M50_B1_D03	GM_M50_B1_D03_T7	
	35413	GM_M50_B1_D03		GM_M50_B1_D03_MR
	35414	GM_M50_B1_D04	GM_M50_B1_D04_T7	
	35415	GM_M50_B1_D04		GM_M50_B1_D04_MR
	35416	GM_M50_B1_D05	GM_M50_B1_D05_T7	
55	35417	GM_M50_B1_D05		GM_M50_B1_D05_MR

	35418	GM_M50_B1_D06	GM_M50_B1_D06_T7	
	35419	GM_M50_B1_D07	GM_M50_B1_D07_T7	
	35420	GM_M50_B1_D07		GM_M50_B1_D07_MR
	35421	GM_M50_B1_D08	GM_M50_B1_D08_T7	
5	35422	GM_M50_B1_D08		GM_M50_B1_D08_MR
	35423	GM_M50_B1_D09	GM_M50_B1_D09_T7	
	35424	GM_M50_B1_D09		GM_M50_B1_D09_MR
	35425	GM_M50_B1_D10	GM_M50_B1_D10_T7	
	35426	GM_M50_B1_D10		GM_M50_B1_D10_MR
10	35427	GM_M50_B1_D11	GM_M50_B1_D11_T7	
	35428	GM_M50_B1_D11		GM_M50_B1_D11_MR
	35429	GM_M50_B1_D12	GM_M50_B1_D12_T7	
	35430	GM_M50_B1_D12		GM_M50_B1_D12_MR
	35431	GM_M50_B1_E01	GM_M50_B1_E01_T7	
15	35432	GM_M50_B1_E01		GM_M50_B1_E01_MR
	35433	GM_M50_B1_E02	GM_M50_B1_E02_T7	
	35434	GM_M50_B1_E02		GM_M50_B1_E02_MR
	35435	GM_M50_B1_E03	GM_M50_B1_E03_T7	
	35436	GM_M50_B1_E03		GM_M50_B1_E03_MR
20	35437	GM_M50_B1_E04	GM_M50_B1_E04_T7	
	35438	GM_M50_B1_E04		GM_M50_B1_E04_MR
	35439	GM_M50_B1_E05	GM_M50_B1_E05_T7	
	35440	GM_M50_B1_E05		GM_M50_B1_E05_MR
	35441	GM_M50_B1_E06	GM_M50_B1_E06_T7	
25	35442	GM_M50_B1_E06		GM_M50_B1_E06_MR
	35443	GM_M50_B1_E07	GM_M50_B1_E07_T7	
	35444	GM_M50_B1_E07		GM_M50_B1_E07_MR
	35445	GM_M50_B1_E08	GM_M50_B1_E08_T7	
	35446	GM_M50_B1_E08		GM_M50_B1_E08_MR
30	35447	GM_M50_B1_E09	GM_M50_B1_E09_T7	
	35448	GM_M50_B1_E09		GM_M50_B1_E09_MR
	35449	GM_M50_B1_E10	GM_M50_B1_E10_T7	
	35450	GM_M50_B1_E10		GM_M50_B1_E10_MR
	35451	GM_M50_B1_E11	GM_M50_B1_E11_T7	
35	35452	GM_M50_B1_E11		GM_M50_B1_E11_MR
	35453	GM_M50_B1_E12	GM_M50_B1_E12_T7	
	35454	GM_M50_B1_E12		GM_M50_B1_E12_MR
	35455	GM_M50_B1_F01	GM_M50_B1_F01_T7	
	35456	GM_M50_B1_F01		GM_M50_B1_F01_MR
40	35457	GM_M50_B1_F02	GM_M50_B1_F02_T7	
	35458	GM_M50_B1_F02		GM_M50_B1_F02_MR
	35459	GM_M50_B1_F04	GM_M50_B1_F04_T7	
	35460	GM_M50_B1_F04		GM_M50_B1_F04_MR
	35461	GM_M50_B1_F05	GM_M50_B1_F05_T7	
45	35462	GM_M50_B1_F05		GM_M50_B1_F05_MR
	35463	GM_M50_B1_F06	GM_M50_B1_F06_T7	
	35464	GM_M50_B1_F06		GM_M50_B1_F06_MR
	35465	GM_M50_B1_F07	GM_M50_B1_F07_T7	
	35466	GM_M50_B1_F07		GM_M50_B1_F07_MR
50	35467	GM_M50_B1_F08	GM_M50_B1_F08_T7	
	35468	GM_M50_B1_F08		GM_M50_B1_F08_MR
	35469	GM_M50_B1_F09	GM_M50_B1_F09_T7	
	35470	GM_M50_B1_F09		GM_M50_B1_F09_MR
	35471	GM_M50_B1_F10	GM_M50_B1_F10_T7	
55	35472	GM_M50_B1_F10		GM_M50_B1_F10_MR

	35473	GM_M50_B1_F11	GM_M50_B1_F11_T7	
	35474	GM_M50_B1_F11		GM_M50_B1_F11_MR
	35475	GM_M50_B1_F12	GM_M50_B1_F12_T7	
	35476	GM_M50_B1_F12		GM_M50_B1_F12_MR
5	35477	GM_M50_B1_G01	GM_M50_B1_G01_T7	
	35478	GM_M50_B1_G01		GM_M50_B1_G01_MR
	35479	GM_M50_B1_G02	GM_M50_B1_G02_T7	
	35480	GM_M50_B1_G02		GM_M50_B1_G02_MR
	35481	GM_M50_B1_G03	GM_M50_B1_G03_T7	
10	35482	GM_M50_B1_G04	GM_M50_B1_G04_T7	
	35483	GM_M50_B1_G04		GM_M50_B1_G04_MR
	35484	GM_M50_B1_G05	GM_M50_B1_G05_T7	
	35485	GM_M50_B1_G05		GM_M50_B1_G05_MR
	35486	GM_M50_B1_G06	GM_M50_B1_G06_T7	
15	35487	GM_M50_B1_G06		GM_M50_B1_G06_MR
	35488	GM_M50_B1_G07	GM_M50_B1_G07_T7	
	35489	GM_M50_B1_G07		GM_M50_B1_G07_MR
	35490	GM_M50_B1_G08	GM_M50_B1_G08_T7	
	35491	GM_M50_B1_G08		GM_M50_B1_G08_MR
20	35492	GM_M50_B1_G09	GM_M50_B1_G09_T7	
	35493	GM_M50_B1_G09		GM_M50_B1_G09_MR
	35494	GM_M50_B1_G10	GM_M50_B1_G10_T7	
	35495	GM_M50_B1_G10		GM_M50_B1_G10_MR
	35496	GM_M50_B1_G11	GM_M50_B1_G11_T7	
25	35497	GM_M50_B1_G11		GM_M50_B1_G11_MR
	35498	GM_M50_B1_G12	GM_M50_B1_G12_T7	
	35499	GM_M50_B1_G12		GM_M50_B1_G12_MR
	35500	GM_M50_B1_H01	GM_M50_B1_H01_T7	
	35501	GM_M50_B1_H01		GM_M50_B1_H01_MR
30	35502	GM_M50_B1_H02	GM_M50_B1_H02_T7	
	35503	GM_M50_B1_H02		GM_M50_B1_H02_MR
	35504	GM_M50_B1_H03	GM_M50_B1_H03_T7	
	35505	GM_M50_B1_H03		GM_M50_B1_H03_MR
	35506	GM_M50_B1_H04	GM_M50_B1_H04_T7	
35	35507	GM_M50_B1_H04		GM_M50_B1_H04_MR
	35508	GM_M50_B1_H05	GM_M50_B1_H05_T7	
	35509	GM_M50_B1_H05		GM_M50_B1_H05_MR
	35510	GM_M50_B1_H06	GM_M50_B1_H06_T7	
	35511	GM_M50_B1_H06		GM_M50_B1_H06_MR
40	35512	GM_M50_B1_H07	GM_M50_B1_H07_T7	
	35513	GM_M50_B1_H07		GM_M50_B1_H07_MR
	35514	GM_M50_B1_H08	GM_M50_B1_H08_T7	
	35515	GM_M50_B1_H08		GM_M50_B1_H08_MR
	35516	GM_M50_B1_H09	GM_M50_B1_H09_T7	
45	35517	GM_M50_B1_H09		GM_M50_B1_H09_MR
	35518	GM_M50_B1_H10	GM_M50_B1_H10_T7	
	35519	GM_M50_B1_H10		GM_M50_B1_H10_MR
	35520	GM_M50_B1_H11	GM_M50_B1_H11_T7	
	35521	GM_M50_B1_H12	GM_M50_B1_H12_T7	
50	35522	GM_M50_B1_H12		GM_M50_B1_H12_MR
	35523	GM_M50_B2_A01	GM_M50_B2_A01_T7	
	35524	GM_M50_B2_A01		GM_M50_B2_A01_MR
	35525	GM_M50_B2_A02	GM_M50_B2_A02_T7	
	35526	GM_M50_B2_A02		GM_M50_B2_A02_MR
55	35527	GM_M50_B2_A03	GM_M50_B2_A03_T7	

	35528	GM_M50_B2_A03		GM_M50_B2_A03_MR
	35529	GM_M50_B2_A04	GM_M50_B2_A04_T7	
	35530	GM_M50_B2_A04		GM_M50_B2_A04_MR
	35531	GM_M50_B2_A05	GM_M50_B2_A05_T7	
5	35532	GM_M50_B2_A05		GM_M50_B2_A05_MR
	35533	GM_M50_B2_A06	GM_M50_B2_A06_T7	
	35534	GM_M50_B2_A07	GM_M50_B2_A07_T7	
	35535	GM_M50_B2_A07		GM_M50_B2_A07_MR
	35536	GM_M50_B2_A08		GM_M50_B2_A08_MR
10	35537	GM_M50_B2_A09	GM_M50_B2_A09_T7	
	35538	GM_M50_B2_A09		GM_M50_B2_A09_MR
	35539	GM_M50_B2_A10		GM_M50_B2_A10_MR
	35540	GM_M50_B2_A11	GM_M50_B2_A11_T7	
	35541	GM_M50_B2_A11		GM_M50_B2_A11_MR
15	35542	GM_M50_B2_A12	GM_M50_B2_A12_T7	
	35543	GM_M50_B2_A12		GM_M50_B2_A12_MR
	35544	GM_M50_B2_B01	GM_M50_B2_B01_T7	
	35545	GM_M50_B2_B01		GM_M50_B2_B01_MR
	35546	GM_M50_B2_B02	GM_M50_B2_B02_T7	
20	35547	GM_M50_B2_B02		GM_M50_B2_B02_MR
	35548	GM_M50_B2_B03	GM_M50_B2_B03_T7	
	35549	GM_M50_B2_B03		GM_M50_B2_B03_MR
	35550	GM_M50_B2_B04		GM_M50_B2_B04_MR
	35551	GM_M50_B2_B05	GM_M50_B2_B05_T7	
25	35552	GM_M50_B2_B05		GM_M50_B2_B05_MR
	35553	GM_M50_B2_B06	GM_M50_B2_B06_T7	
	35554	GM_M50_B2_B06		GM_M50_B2_B06_MR
	35555	GM_M50_B2_B07	GM_M50_B2_B07_T7	
	35556	GM_M50_B2_B07		GM_M50_B2_B07_MR
30	35557	GM_M50_B2_B08	GM_M50_B2_B08_T7	
	35558	GM_M50_B2_B08		GM_M50_B2_B08_MR
	35559	GM_M50_B2_B09	GM_M50_B2_B09_T7	
	35560	GM_M50_B2_B09		GM_M50_B2_B09_MR
	35561	GM_M50_B2_B11		GM_M50_B2_B11_MR
35	35562	GM_M50_B2_B12	GM_M50_B2_B12_T7	
	35563	GM_M50_B2_B12		GM_M50_B2_B12_MR
	35564	GM_M50_B2_C01		GM_M50_B2_C01_MR
	35565	GM_M50_B2_C02		GM_M50_B2_C02_MR
	35566	GM_M50_B2_C03	GM_M50_B2_C03_T7	
40	35567	GM_M50_B2_C03		GM_M50_B2_C03_MR
	35568	GM_M50_B2_C04	GM_M50_B2_C04_T7	
	35569	GM_M50_B2_C04		GM_M50_B2_C04_MR
	35570	GM_M50_B2_C05	GM_M50_B2_C05_T7	
	35571	GM_M50_B2_C05		GM_M50_B2_C05_MR
45	35572	GM_M50_B2_C07	GM_M50_B2_C07_T7	
	35573	GM_M50_B2_C07		GM_M50_B2_C07_MR
	35574	GM_M50_B2_C08	GM_M50_B2_C08_T7	
	35575	GM_M50_B2_C08		GM_M50_B2_C08_MR
	35576	GM_M50_B2_C09	GM_M50_B2_C09_T7	
50	35577	GM_M50_B2_C09		GM_M50_B2_C09_MR
	35578	GM_M50_B2_C10		GM_M50_B2_C10_MR
	35579	GM_M50_B2_C11		GM_M50_B2_C11_MR
	35580	GM_M50_B2_C12		GM_M50_B2_C12_MR
	35581	GM_M50_B2_D01	GM_M50_B2_D01_T7	
55	35582	GM_M50_B2_D01		GM_M50_B2_D01_MR

	35583	GM_M50_B2_D02	GM_M50_B2_D02_T7	
	35584	GM_M50_B2_D03	GM_M50_B2_D03_T7	
	35585	GM_M50_B2_D03		GM_M50_B2_D03_MR
	35586	GM_M50_B2_D04	GM_M50_B2_D04_T7	
5	35587	GM_M50_B2_D04		GM_M50_B2_D04_MR
	35588	GM_M50_B2_D05	GM_M50_B2_D05_T7	
	35589	GM_M50_B2_D05		GM_M50_B2_D05_MR
	35590	GM_M50_B2_D06	GM_M50_B2_D06_T7	
	35591	GM_M50_B2_D06		GM_M50_B2_D06_MR
10	35592	GM_M50_B2_D07	GM_M50_B2_D07_T7	
	35593	GM_M50_B2_D07		GM_M50_B2_D07_MR
	35594	GM_M50_B2_D08	GM_M50_B2_D08_T7	
	35595	GM_M50_B2_D08		GM_M50_B2_D08_MR
	35596	GM_M50_B2_D09	GM_M50_B2_D09_T7	
15	35597	GM_M50_B2_D09		GM_M50_B2_D09_MR
	35598	GM_M50_B2_D10	GM_M50_B2_D10_T7	
	35599	GM_M50_B2_D10		GM_M50_B2_D10_MR
	35600	GM_M50_B2_D11	GM_M50_B2_D11_T7	
	35601	GM_M50_B2_D11		GM_M50_B2_D11_MR
20	35602	GM_M50_B2_D12	GM_M50_B2_D12_T7	
	35603	GM_M50_B2_E01	GM_M50_B2_E01_T7	
	35604	GM_M50_B2_E01		GM_M50_B2_E01_MR
	35605	GM_M50_B2_E02	GM_M50_B2_E02_T7	
	35606	GM_M50_B2_E02		GM_M50_B2_E02_MR
25	35607	GM_M50_B2_E03	GM_M50_B2_E03_T7	
	35608	GM_M50_B2_E03		GM_M50_B2_E03_MR
	35609	GM_M50_B2_E04	GM_M50_B2_E04_T7	
	35610	GM_M50_B2_E04		GM_M50_B2_E04_MR
	35611	GM_M50_B2_E05	GM_M50_B2_E05_T7	
30	35612	GM_M50_B2_E05		GM_M50_B2_E05_MR
	35613	GM_M50_B2_E07		GM_M50_B2_E07_MR
	35614	GM_M50_B2_E08	GM_M50_B2_E08_T7	
	35615	GM_M50_B2_E08		GM_M50_B2_E08_MR
	35616	GM_M50_B2_E09	GM_M50_B2_E09_T7	
35	35617	GM_M50_B2_E09		GM_M50_B2_E09_MR
	35618	GM_M50_B2_E10	GM_M50_B2_E10_T7	
	35619	GM_M50_B2_E10		GM_M50_B2_E10_MR
	35620	GM_M50_B2_E11	GM_M50_B2_E11_T7	
	35621	GM_M50_B2_E11		GM_M50_B2_E11_MR
40	35622	GM_M50_B2_E12	GM_M50_B2_E12_T7	
	35623	GM_M50_B2_E12		GM_M50_B2_E12_MR
	35624	GM_M50_B2_F01	GM_M50_B2_F01_T7	
	35625	GM_M50_B2_F01		GM_M50_B2_F01_MR
	35626	GM_M50_B2_F02	GM_M50_B2_F02_T7	
45	35627	GM_M50_B2_F02		GM_M50_B2_F02_MR
	35628	GM_M50_B2_F03	GM_M50_B2_F03_T7	
	35629	GM_M50_B2_F03		GM_M50_B2_F03_MR
	35630	GM_M50_B2_F04	GM_M50_B2_F04_T7	
	35631	GM_M50_B2_F04		GM_M50_B2_F04_MR
50	35632	GM_M50_B2_F05	GM_M50_B2_F05_T7	
	35633	GM_M50_B2_F05		GM_M50_B2_F05_MR
	35634	GM_M50_B2_F06	GM_M50_B2_F06_T7	
	35635	GM_M50_B2_F06		GM_M50_B2_F06_MR
	35636	GM_M50_B2_F07	GM_M50_B2_F07_T7	
55	35637	GM_M50_B2_F07		GM_M50_B2_F07_MR

	35638	GM_M50_B2_F08	GM_M50_B2_F08_T7	
	35639	GM_M50_B2_F08		GM_M50_B2_F08_MR
	35640	GM_M50_B2_F09	GM_M50_B2_F09_T7	
	35641	GM_M50_B2_F09		GM_M50_B2_F09_MR
5	35642	GM_M50_B2_F10	GM_M50_B2_F10_T7	
	35643	GM_M50_B2_F11	GM_M50_B2_F11_T7	
	35644	GM_M50_B2_F11		GM_M50_B2_F11_MR
	35645	GM_M50_B2_F12	GM_M50_B2_F12_T7	
	35646	GM_M50_B2_F12		GM_M50_B2_F12_MR
10	35647	GM_M50_B2_G01		GM_M50_B2_G01_MR
	35648	GM_M50_B2_G02	GM_M50_B2_G02_T7	
	35649	GM_M50_B2_G02		GM_M50_B2_G02_MR
	35650	GM_M50_B2_G03	GM_M50_B2_G03_T7	
	35651	GM_M50_B2_G03		GM_M50_B2_G03_MR
15	35652	GM_M50_B2_G04		GM_M50_B2_G04_MR
	35653	GM_M50_B2_G05	GM_M50_B2_G05_T7	
	35654	GM_M50_B2_G05		GM_M50_B2_G05_MR
	35655	GM_M50_B2_G06	GM_M50_B2_G06_T7	
	35656	GM_M50_B2_G06		GM_M50_B2_G06_MR
20	35657	GM_M50_B2_G07	GM_M50_B2_G07_T7	
	35658	GM_M50_B2_G07		GM_M50_B2_G07_MR
	35659	GM_M50_B2_G08	GM_M50_B2_G08_T7	
	35660	GM_M50_B2_G08		GM_M50_B2_G08_MR
	35661	GM_M50_B2_G09	GM_M50_B2_G09_T7	
25	35662	GM_M50_B2_G09		GM_M50_B2_G09_MR
	35663	GM_M50_B2_G10	GM_M50_B2_G10_T7	
	35664	GM_M50_B2_G10		GM_M50_B2_G10_MR
	35665	GM_M50_B2_G11	GM_M50_B2_G11_T7	
	35666	GM_M50_B2_G11		GM_M50_B2_G11_MR
30	35667	GM_M50_B2_G12	GM_M50_B2_G12_T7	
	35668	GM_M50_B2_G12		GM_M50_B2_G12_MR
	35669	GM_M50_B2_H01	GM_M50_B2_H01_T7	
	35670	GM_M50_B2_H01		GM_M50_B2_H01_MR
	35671	GM_M50_B2_H02	GM_M50_B2_H02_T7	
35	35672	GM_M50_B2_H03	GM_M50_B2_H03_T7	
	35673	GM_M50_B2_H03		GM_M50_B2_H03_MR
	35674	GM_M50_B2_H04	GM_M50_B2_H04_T7	
	35675	GM_M50_B2_H04		GM_M50_B2_H04_MR
	35676	GM_M50_B2_H05	GM_M50_B2_H05_T7	
40	35677	GM_M50_B2_H05		GM_M50_B2_H05_MR
	35678	GM_M50_B2_H06		GM_M50_B2_H06_MR
	35679	GM_M50_B2_H07	GM_M50_B2_H07_T7	
	35680	GM_M50_B2_H07		GM_M50_B2_H07_MR
	35681	GM_M50_B2_H08	GM_M50_B2_H08_T7	
45	35682	GM_M50_B2_H08		GM_M50_B2_H08_MR
	35683	GM_M50_B2_H09		GM_M50_B2_H09_MR
	35684	GM_M50_B2_H10	GM_M50_B2_H10_T7	
	35685	GM_M50_B2_H10		GM_M50_B2_H10_MR
	35686	GM_M50_B2_H11	GM_M50_B2_H11_T7	
50	35687	GM_M50_B2_H11		GM_M50_B2_H11_MR
	35688	GM_M50_B2_H12		GM_M50_B2_H12_MR
	35689	SB_M08_A1_A01	SB_M08_A1_A01_MF	
	35690	SB_M08_A1_A01		SB_M08_A1_A01_MR
	35691	SB_M08_A1_A02	SB_M08_A1_A02_MF	
55	35692	SB_M08_A1_A03	SB_M08_A1_A03_MF	

	35693	SB_M08_A1_A03		SB_M08_A1_A03_MR
	35694	SB_M08_A1_A04	SB_M08_A1_A04_MF	
	35695	SB_M08_A1_A04		SB_M08_A1_A04_MR
	35696	SB_M08_A1_A05	SB_M08_A1_A05_MF	
5	35697	SB_M08_A1_A06	SB_M08_A1_A06_MF	
	35698	SB_M08_A1_A06		SB_M08_A1_A06_MR
	35699	SB_M08_A1_A07	SB_M08_A1_A07_MF	
	35700	SB_M08_A1_A07		SB_M08_A1_A07_MR
	35701	SB_M08_A1_A08	SB_M08_A1_A08_MF	
10	35702	SB_M08_A1_A08		SB_M08_A1_A08_MR
	35703	SB_M08_A1_A09	SB_M08_A1_A09_MF	
	35704	SB_M08_A1_A10	SB_M08_A1_A10_MF	
	35705	SB_M08_A1_A10		SB_M08_A1_A10_MR
	35706	SB_M08_A1_A11	SB_M08_A1_A11_MF	
15	35707	SB_M08_A1_A11		SB_M08_A1_A11_MR
	35708	SB_M08_A1_A12	SB_M08_A1_A12_MF	
	35709	SB_M08_A1_A12		SB_M08_A1_A12_MR
	35710	SB_M08_A1_B01	SB_M08_A1_B01_MF	
	35711	SB_M08_A1_B02	SB_M08_A1_B02_MF	
20	35712	SB_M08_A1_B03	SB_M08_A1_B03_MF	
	35713	SB_M08_A1_B03		SB_M08_A1_B03_MR
	35714	SB_M08_A1_B04	SB_M08_A1_B04_MF	
	35715	SB_M08_A1_B05	SB_M08_A1_B05_MF	
	35716	SB_M08_A1_B05		SB_M08_A1_B05_MR
25	35717	SB_M08_A1_B06	SB_M08_A1_B06_MF	
	35718	SB_M08_A1_B06		SB_M08_A1_B06_MR
	35719	SB_M08_A1_B07	SB_M08_A1_B07_MF	
	35720	SB_M08_A1_B07		SB_M08_A1_B07_MR
	35721	SB_M08_A1_B08	SB_M08_A1_B08_MF	
30	35722	SB_M08_A1_B08		SB_M08_A1_B08_MR
	35723	SB_M08_A1_B09	SB_M08_A1_B09_MF	
	35724	SB_M08_A1_B09		SB_M08_A1_B09_MR
	35725	SB_M08_A1_B10	SB_M08_A1_B10_MF	
	35726	SB_M08_A1_B10		SB_M08_A1_B10_MR
35	35727	SB_M08_A1_B11	SB_M08_A1_B11_MF	
	35728	SB_M08_A1_B12	SB_M08_A1_B12_MF	
	35729	SB_M08_A1_B12		SB_M08_A1_B12_MR
	35730	SB_M08_A1_C01	SB_M08_A1_C01_MF	
	35731	SB_M08_A1_C01		SB_M08_A1_C01_MR
40	35732	SB_M08_A1_C02	SB_M08_A1_C02_MF	
	35733	SB_M08_A1_C03	SB_M08_A1_C03_MF	
	35734	SB_M08_A1_C03		SB_M08_A1_C03_MR
	35735	SB_M08_A1_C04	SB_M08_A1_C04_MF	
	35736	SB_M08_A1_C04		SB_M08_A1_C04_MR
45	35737	SB_M08_A1_C05	SB_M08_A1_C05_MF	
	35738	SB_M08_A1_C05		SB_M08_A1_C05_MR
	35739	SB_M08_A1_C06	SB_M08_A1_C06_MF	
	35740	SB_M08_A1_C06		SB_M08_A1_C06_MR
	35741	SB_M08_A1_C07	SB_M08_A1_C07_MF	
50	35742	SB_M08_A1_C07		SB_M08_A1_C07_MR
	35743	SB_M08_A1_C08	SB_M08_A1_C08_MF	
	35744	SB_M08_A1_C08		SB_M08_A1_C08_MR
	35745	SB_M08_A1_C09	SB_M08_A1_C09_MF	
	35746	SB_M08_A1_C09		SB_M08_A1_C09_MR
55	35747	SB_M08_A1_C10	SB_M08_A1_C10_MF	

	35748	SB_M08_A1_C10		SB_M08_A1_C10_MR
	35749	SB_M08_A1_C11	SB_M08_A1_C11_MF	
	35750	SB_M08_A1_C11		SB_M08_A1_C11_MR
	35751	SB_M08_A1_C12	SB_M08_A1_C12_MF	
5	35752	SB_M08_A1_C12		SB_M08_A1_C12_MR
	35753	SB_M08_A1_D01	SB_M08_A1_D01_MF	
	35754	SB_M08_A1_D02	SB_M08_A1_D02_MF	
	35755	SB_M08_A1_D03	SB_M08_A1_D03_MF	
	35756	SB_M08_A1_D04	SB_M08_A1_D04_MF	
10	35757	SB_M08_A1_D04		SB_M08_A1_D04_MR
	35758	SB_M08_A1_D05	SB_M08_A1_D05_MF	
	35759	SB_M08_A1_D06	SB_M08_A1_D06_MF	
	35760	SB_M08_A1_D06		SB_M08_A1_D06_MR
	35761	SB_M08_A1_D07	SB_M08_A1_D07_MF	
15	35762	SB_M08_A1_D08	SB_M08_A1_D08_MF	
	35763	SB_M08_A1_D08		SB_M08_A1_D08_MR
	35764	SB_M08_A1_D09	SB_M08_A1_D09_MF	
	35765	SB_M08_A1_D09		SB_M08_A1_D09_MR
	35766	SB_M08_A1_D10	SB_M08_A1_D10_MF	
20	35767	SB_M08_A1_D10		SB_M08_A1_D10_MR
	35768	SB_M08_A1_D11	SB_M08_A1_D11_MF	
	35769	SB_M08_A1_D12	SB_M08_A1_D12_MF	
	35770	SB_M08_A1_D12		SB_M08_A1_D12_MR
	35771	SB_M08_A1_E01	SB_M08_A1_E01_MF	
25	35772	SB_M08_A1_E01		SB_M08_A1_E01_MR
	35773	SB_M08_A1_E02	SB_M08_A1_E02_MF	
	35774	SB_M08_A1_E03	SB_M08_A1_E03_MF	
	35775	SB_M08_A1_E03		SB_M08_A1_E03_MR
	35776	SB_M08_A1_E04	SB_M08_A1_E04_MF	
30	35777	SB_M08_A1_E04		SB_M08_A1_E04_MR
	35778	SB_M08_A1_E05	SB_M08_A1_E05_MF	
	35779	SB_M08_A1_E05		SB_M08_A1_E05_MR
	35780	SB_M08_A1_E06	SB_M08_A1_E06_MF	
	35781	SB_M08_A1_E06		SB_M08_A1_E06_MR
35	35782	SB_M08_A1_E07	SB_M08_A1_E07_MF	
	35783	SB_M08_A1_E08	SB_M08_A1_E08_MF	
	35784	SB_M08_A1_E09	SB_M08_A1_E09_MF	
	35785	SB_M08_A1_E09		SB_M08_A1_E09_MR
	35786	SB_M08_A1_E10	SB_M08_A1_E10_MF	
40	35787	SB_M08_A1_E10		SB_M08_A1_E10_MR
	35788	SB_M08_A1_E11	SB_M08_A1_E11_MF	
	35789	SB_M08_A1_E12	SB_M08_A1_E12_MF	
	35790	SB_M08_A1_E12		SB_M08_A1_E12_MR
	35791	SB_M08_A1_F01	SB_M08_A1_F01_MF	
45	35792	SB_M08_A1_F01		SB_M08_A1_F01_MR
	35793	SB_M08_A1_F02	SB_M08_A1_F02_MF	
	35794	SB_M08_A1_F02		SB_M08_A1_F02_MR
	35795	SB_M08_A1_F03	SB_M08_A1_F03_MF	
	35796	SB_M08_A1_F03		SB_M08_A1_F03_MR
50	35797	SB_M08_A1_F04	SB_M08_A1_F04_MF	
	35798	SB_M08_A1_F04		SB_M08_A1_F04_MR
	35799	SB_M08_A1_F05	SB_M08_A1_F05_MF	
	35800	SB_M08_A1_F06	SB_M08_A1_F06_MF	
	35801	SB_M08_A1_F06		SB_M08_A1_F06_MR
55	35802	SB_M08_A1_F07	SB_M08_A1_F07_MF	

	35803	SB_M08_A1_F08	SB_M08_A1_F08_MF	
	35804	SB_M08_A1_F08		SB_M08_A1_F08_MR
	35805	SB_M08_A1_F09	SB_M08_A1_F09_MF	
	35806	SB_M08_A1_F09		SB_M08_A1_F09_MR
5	35807	SB_M08_A1_F10	SB_M08_A1_F10_MF	
	35808	SB_M08_A1_F10		SB_M08_A1_F10_MR
	35809	SB_M08_A1_F11	SB_M08_A1_F11_MF	
	35810	SB_M08_A1_F12	SB_M08_A1_F12_MF	
	35811	SB_M08_A1_F12		SB_M08_A1_F12_MR
10	35812	SB_M08_A1_G01	SB_M08_A1_G01_MF	
	35813	SB_M08_A1_G01		SB_M08_A1_G01_MR
	35814	SB_M08_A1_G02	SB_M08_A1_G02_MF	
	35815	SB_M08_A1_G02		SB_M08_A1_G02_MR
	35816	SB_M08_A1_G03	SB_M08_A1_G03_MF	
15	35817	SB_M08_A1_G03		SB_M08_A1_G03_MR
	35818	SB_M08_A1_G04	SB_M08_A1_G04_MF	
	35819	SB_M08_A1_G04		SB_M08_A1_G04_MR
	35820	SB_M08_A1_G05	SB_M08_A1_G05_MF	
	35821	SB_M08_A1_G06	SB_M08_A1_G06_MF	
20	35822	SB_M08_A1_G06		SB_M08_A1_G06_MR
	35823	SB_M08_A1_G07	SB_M08_A1_G07_MF	
	35824	SB_M08_A1_G08	SB_M08_A1_G08_MF	
	35825	SB_M08_A1_G08		SB_M08_A1_G08_MR
	35826	SB_M08_A1_G09	SB_M08_A1_G09_MF	
25	35827	SB_M08_A1_G09		SB_M08_A1_G09_MR
	35828	SB_M08_A1_G10	SB_M08_A1_G10_MF	
	35829	SB_M08_A1_G10		SB_M08_A1_G10_MR
	35830	SB_M08_A1_G11	SB_M08_A1_G11_MF	
	35831	SB_M08_A1_G11		SB_M08_A1_G11_MR
30	35832	SB_M08_A1_G12	SB_M08_A1_G12_MF	
	35833	SB_M08_A1_G12		SB_M08_A1_G12_MR
	35834	SB_M08_A1_H01	SB_M08_A1_H01_MF	
	35835	SB_M08_A1_H01		SB_M08_A1_H01_MR
	35836	SB_M08_A1_H02	SB_M08_A1_H02_MF	
35	35837	SB_M08_A1_H02		SB_M08_A1_H02_MR
	35838	SB_M08_A1_H03	SB_M08_A1_H03_MF	
	35839	SB_M08_A1_H03		SB_M08_A1_H03_MR
	35840	SB_M08_A1_H04	SB_M08_A1_H04_MF	
	35841	SB_M08_A1_H04		SB_M08_A1_H04_MR
40	35842	SB_M08_A1_H05	SB_M08_A1_H05_MF	
	35843	SB_M08_A1_H05		SB_M08_A1_H05_MR
	35844	SB_M08_A1_H06	SB_M08_A1_H06_MF	
	35845	SB_M08_A1_H06		SB_M08_A1_H06_MR
	35846	SB_M08_A1_H07	SB_M08_A1_H07_MF	
45	35847	SB_M08_A1_H08	SB_M08_A1_H08_MF	
	35848	SB_M08_A1_H08		SB_M08_A1_H08_MR
	35849	SB_M08_A1_H09	SB_M08_A1_H09_MF	
	35850	SB_M08_A1_H09		SB_M08_A1_H09_MR
	35851	SB_M08_A1_H10	SB_M08_A1_H10_MF	
50	35852	SB_M08_A1_H11	SB_M08_A1_H11_MF	
	35853	SB_M08_A1_H11		SB_M08_A1_H11_MR
	35854	SB_M08_A1_H12	SB_M08_A1_H12_MF	
	35855	SB_M08_A1_H12		SB_M08_A1_H12_MR
	35856	SB_M08_A2_A01	SB_M08_A2_A01_MF	
55	35857	SB_M08_A2_A02	SB_M08_A2_A02_MF	

	35858	SB_M08_A2_A03	SB_M08_A2_A03_MF
	35859	SB_M08_A2_A04	SB_M08_A2_A04_MF
	35860	SB_M08_A2_A05	SB_M08_A2_A05_MF
	35861	SB_M08_A2_A06	SB_M08_A2_A06_MF
5	35862	SB_M08_A2_A07	SB_M08_A2_A07_MF
	35863	SB_M08_A2_A08	SB_M08_A2_A08_MF
	35864	SB_M08_A2_A09	SB_M08_A2_A09_MF
	35865	SB_M08_A2_A10	SB_M08_A2_A10_MF
	35866	SB_M08_A2_A11	SB_M08_A2_A11_MF
10	35867	SB_M08_A2_A12	SB_M08_A2_A12_MF
	35868	SB_M08_A2_B01	SB_M08_A2_B01_MF
	35869	SB_M08_A2_B02	SB_M08_A2_B02_MF
	35870	SB_M08_A2_B03	SB_M08_A2_B03_MF
	35871	SB_M08_A2_B04	SB_M08_A2_B04_MF
15	35872	SB_M08_A2_B05	SB_M08_A2_B05_MF
	35873	SB_M08_A2_B06	SB_M08_A2_B06_MF
	35874	SB_M08_A2_B07	SB_M08_A2_B07_MF
	35875	SB_M08_A2_B08	SB_M08_A2_B08_MF
	35876	SB_M08_A2_B09	SB_M08_A2_B09_MF
20	35877	SB_M08_A2_B10	SB_M08_A2_B10_MF
	35878	SB_M08_A2_B11	SB_M08_A2_B11_MF
	35879	SB_M08_A2_B12	SB_M08_A2_B12_MF
	35880	SB_M08_A2_C01	SB_M08_A2_C01_MF
	35881	SB_M08_A2_C02	SB_M08_A2_C02_MF
25	35882	SB_M08_A2_C03	SB_M08_A2_C03_MF
	35883	SB_M08_A2_C04	SB_M08_A2_C04_MF
	35884	SB_M08_A2_C05	SB_M08_A2_C05_MF
	35885	SB_M08_A2_C06	SB_M08_A2_C06_MF
	35886	SB_M08_A2_C07	SB_M08_A2_C07_MF
30	35887	SB_M08_A2_C08	SB_M08_A2_C08_MF
	35888	SB_M08_A2_C09	SB_M08_A2_C09_MF
	35889	SB_M08_A2_C10	SB_M08_A2_C10_MF
	35890	SB_M08_A2_C11	SB_M08_A2_C11_MF
	35891	SB_M08_A2_C12	SB_M08_A2_C12_MF
35	35892	SB_M08_A2_D01	SB_M08_A2_D01_MF
	35893	SB_M08_A2_D02	SB_M08_A2_D02_MF
	35894	SB_M08_A2_D03	SB_M08_A2_D03_MF
	35895	SB_M08_A2_D04	SB_M08_A2_D04_MF
	35896	SB_M08_A2_D05	SB_M08_A2_D05_MF
40	35897	SB_M08_A2_D06	SB_M08_A2_D06_MF
	35898	SB_M08_A2_D07	SB_M08_A2_D07_MF
	35899	SB_M08_A2_D08	SB_M08_A2_D08_MF
	35900	SB_M08_A2_D09	SB_M08_A2_D09_MF
	35901	SB_M08_A2_D10	SB_M08_A2_D10_MF
45	35902	SB_M08_A2_D11	SB_M08_A2_D11_MF
	35903	SB_M08_A2_D12	SB_M08_A2_D12_MF
	35904	SB_M08_A2_E01	SB_M08_A2_E01_MF
	35905	SB_M08_A2_E02	SB_M08_A2_E02_MF
	35906	SB_M08_A2_E03	SB_M08_A2_E03_MF
50	35907	SB_M08_A2_E04	SB_M08_A2_E04_MF
	35908	SB_M08_A2_E05	SB_M08_A2_E05_MF
	35909	SB_M08_A2_E06	SB_M08_A2_E06_MF
	35910	SB_M08_A2_E07	SB_M08_A2_E07_MF
	35911	SB_M08_A2_E08	SB_M08_A2_E08_MF
55	35912	SB_M08_A2_E09	SB_M08_A2_E09_MF

	35913	SB_M08_A2_E10	SB_M08_A2_E10_MF
	35914	SB_M08_A2_E11	SB_M08_A2_E11_MF
	35915	SB_M08_A2_E12	SB_M08_A2_E12_MF
	35916	SB_M08_A2_F01	SB_M08_A2_F01_MF
5	35917	SB_M08_A2_F02	SB_M08_A2_F02_MF
	35918	SB_M08_A2_F03	SB_M08_A2_F03_MF
	35919	SB_M08_A2_F04	SB_M08_A2_F04_MF
	35920	SB_M08_A2_F05	SB_M08_A2_F05_MF
	35921	SB_M08_A2_F06	SB_M08_A2_F06_MF
10	35922	SB_M08_A2_F07	SB_M08_A2_F07_MF
	35923	SB_M08_A2_F08	SB_M08_A2_F08_MF
	35924	SB_M08_A2_F09	SB_M08_A2_F09_MF
	35925	SB_M08_A2_F10	SB_M08_A2_F10_MF
	35926	SB_M08_A2_F11	SB_M08_A2_F11_MF
15	35927	SB_M08_A2_F12	SB_M08_A2_F12_MF
	35928	SB_M08_A2_G01	SB_M08_A2_G01_MF
	35929	SB_M08_A2_G02	SB_M08_A2_G02_MF
	35930	SB_M08_A2_G03	SB_M08_A2_G03_MF
	35931	SB_M08_A2_G04	SB_M08_A2_G04_MF
20	35932	SB_M08_A2_G05	SB_M08_A2_G05_MF
	35933	SB_M08_A2_G06	SB_M08_A2_G06_MF
	35934	SB_M08_A2_G07	SB_M08_A2_G07_MF
	35935	SB_M08_A2_G08	SB_M08_A2_G08_MF
	35936	SB_M08_A2_G09	SB_M08_A2_G09_MF
25	35937	SB_M08_A2_G10	SB_M08_A2_G10_MF
	35938	SB_M08_A2_G11	SB_M08_A2_G11_MF
	35939	SB_M08_A2_G12	SB_M08_A2_G12_MF
	35940	SB_M08_A2_H01	SB_M08_A2_H01_MF
	35941	SB_M08_A2_H02	SB_M08_A2_H02_MF
30	35942	SB_M08_A2_H03	SB_M08_A2_H03_MF
	35943	SB_M08_A2_H04	SB_M08_A2_H04_MF
	35944	SB_M08_A2_H05	SB_M08_A2_H05_MF
	35945	SB_M08_A2_H06	SB_M08_A2_H06_MF
	35946	SB_M08_A2_H07	SB_M08_A2_H07_MF
35	35947	SB_M08_A2_H08	SB_M08_A2_H08_MF
	35948	SB_M08_A2_H09	SB_M08_A2_H09_MF
	35949	SB_M08_A2_H10	SB_M08_A2_H10_MF
	35950	SB_M08_A2_H11	SB_M08_A2_H11_MF
	35951	SB_M08_A2_H12	SB_M08_A2_H12_MF
40	35952	SB_M08_B1_A01	SB_M08_B1_A01_MF
	35953	SB_M08_B1_A02	SB_M08_B1_A02_MF
	35954	SB_M08_B1_A03	SB_M08_B1_A03_MF
	35955	SB_M08_B1_A04	SB_M08_B1_A04_MF
	35956	SB_M08_B1_A05	SB_M08_B1_A05_MF
45	35957	SB_M08_B1_A06	SB_M08_B1_A06_MF
	35958	SB_M08_B1_A08	SB_M08_B1_A08_MF
	35959	SB_M08_B1_A09	SB_M08_B1_A09_MF
	35960	SB_M08_B1_A10	SB_M08_B1_A10_MF
	35961	SB_M08_B1_A11	SB_M08_B1_A11_MF
50	35962	SB_M08_B1_A12	SB_M08_B1_A12_MF
	35963	SB_M08_B1_B01	SB_M08_B1_B01_MF
	35964	SB_M08_B1_B02	SB_M08_B1_B02_MF
	35965	SB_M08_B1_B03	SB_M08_B1_B03_MF
	35966	SB_M08_B1_B04	SB_M08_B1_B04_MF
55	35967	SB_M08_B1_B06	SB_M08_B1_B06_MF

	35968	SB_M08_B1_B07	SB_M08_B1_B07_MF
	35969	SB_M08_B1_B08	SB_M08_B1_B08_MF
	35970	SB_M08_B1_B09	SB_M08_B1_B09_MF
	35971	SB_M08_B1_B10	SB_M08_B1_B10_MF
5	35972	SB_M08_B1_B11	SB_M08_B1_B11_MF
	35973	SB_M08_B1_B12	SB_M08_B1_B12_MF
	35974	SB_M08_B1_C01	SB_M08_B1_C01_MF
	35975	SB_M08_B1_C02	SB_M08_B1_C02_MF
	35976	SB_M08_B1_C03	SB_M08_B1_C03_MF
10	35977	SB_M08_B1_C04	SB_M08_B1_C04_MF
	35978	SB_M08_B1_C05	SB_M08_B1_C05_MF
	35979	SB_M08_B1_C06	SB_M08_B1_C06_MF
	35980	SB_M08_B1_C07	SB_M08_B1_C07_MF
	35981	SB_M08_B1_C08	SB_M08_B1_C08_MF
15	35982	SB_M08_B1_C09	SB_M08_B1_C09_MF
	35983	SB_M08_B1_C10	SB_M08_B1_C10_MF
	35984	SB_M08_B1_C11	SB_M08_B1_C11_MF
	35985	SB_M08_B1_C12	SB_M08_B1_C12_MF
	35986	SB_M08_B1_D01	SB_M08_B1_D01_MF
20	35987	SB_M08_B1_D02	SB_M08_B1_D02_MF
	35988	SB_M08_B1_D03	SB_M08_B1_D03_MF
	35989	SB_M08_B1_D04	SB_M08_B1_D04_MF
	35990	SB_M08_B1_D05	SB_M08_B1_D05_MF
	35991	SB_M08_B1_D06	SB_M08_B1_D06_MF
25	35992	SB_M08_B1_D07	SB_M08_B1_D07_MF
	35993	SB_M08_B1_D10	SB_M08_B1_D10_MF
	35994	SB_M08_B1_D11	SB_M08_B1_D11_MF
	35995	SB_M08_B1_D12	SB_M08_B1_D12_MF
	35996	SB_M08_B1_E01	SB_M08_B1_E01_MF
30	35997	SB_M08_B1_E02	SB_M08_B1_E02_MF
	35998	SB_M08_B1_E04	SB_M08_B1_E04_MF
	35999	SB_M08_B1_E05	SB_M08_B1_E05_MF
	36000	SB_M08_B1_E06	SB_M08_B1_E06_MF
	36001	SB_M08_B1_E07	SB_M08_B1_E07_MF
35	36002	SB_M08_B1_E08	SB_M08_B1_E08_MF
	36003	SB_M08_B1_E10	SB_M08_B1_E10_MF
	36004	SB_M08_B1_E11	SB_M08_B1_E11_MF
	36005	SB_M08_B1_E12	SB_M08_B1_E12_MF
	36006	SB_M08_B1_F01	SB_M08_B1_F01_MF
40	36007	SB_M08_B1_F02	SB_M08_B1_F02_MF
	36008	SB_M08_B1_F03	SB_M08_B1_F03_MF
	36009	SB_M08_B1_F04	SB_M08_B1_F04_MF
	36010	SB_M08_B1_F05	SB_M08_B1_F05_MF
	36011	SB_M08_B1_F06	SB_M08_B1_F06_MF
45	36012	SB_M08_B1_F07	SB_M08_B1_F07_MF
	36013	SB_M08_B1_F08	SB_M08_B1_F08_MF
	36014	SB_M08_B1_F09	SB_M08_B1_F09_MF
	36015	SB_M08_B1_F10	SB_M08_B1_F10_MF
	36016	SB_M08_B1_F11	SB_M08_B1_F11_MF
50	36017	SB_M08_B1_F12	SB_M08_B1_F12_MF
	36018	SB_M08_B1_G01	SB_M08_B1_G01_MF
	36019	SB_M08_B1_G02	SB_M08_B1_G02_MF
	36020	SB_M08_B1_G03	SB_M08_B1_G03_MF
	36021	SB_M08_B1_G05	SB_M08_B1_G05_MF
55	36022	SB_M08_B1_G06	SB_M08_B1_G06_MF

	36023	SB_M08_B1_G07	SB_M08_B1_G07_MF	
	36024	SB_M08_B1_G08	SB_M08_B1_G08_MF	
	36025	SB_M08_B1_G09	SB_M08_B1_G09_MF	
	36026	SB_M08_B1_G10	SB_M08_B1_G10_MF	
5	36027	SB_M08_B1_G11	SB_M08_B1_G11_MF	
	36028	SB_M08_B1_G12	SB_M08_B1_G12_MF	
	36029	SB_M08_B1_H01	SB_M08_B1_H01_MF	
	36030	SB_M08_B1_H03	SB_M08_B1_H03_MF	
	36031	SB_M08_B1_H04	SB_M08_B1_H04_MF	
10	36032	SB_M08_B1_H05	SB_M08_B1_H05_MF	
	36033	SB_M08_B1_H06	SB_M08_B1_H06_MF	
	36034	SB_M08_B1_H07	SB_M08_B1_H07_MF	
	36035	SB_M08_B1_H08	SB_M08_B1_H08_MF	
	36036	SB_M08_B1_H09	SB_M08_B1_H09_MF	
15	36037	SB_M08_B1_H10	SB_M08_B1_H10_MF	
	36038	SB_M08_B1_H11	SB_M08_B1_H11_MF	
	36039	SB_M08_B1_H12	SB_M08_B1_H12_MF	
	36040	SB_M08_B2_A01	SB_M08_B2_A01_MR	
	36041	SB_M08_B2_A02	SB_M08_B2_A02_MR	
20	36042	SB_M08_B2_A03	SB_M08_B2_A03_MR	
	36043	SB_M08_B2_A04	SB_M08_B2_A04_MR	
	36044	SB_M08_B2_A05	SB_M08_B2_A05_MR	
	36045	SB_M08_B2_A06	SB_M08_B2_A06_MR	
	36046	SB_M08_B2_A07	SB_M08_B2_A07_MR	
25	36047	SB_M08_B2_A08	SB_M08_B2_A08_MR	
	36048	SB_M08_B2_A09	SB_M08_B2_A09_MR	
	36049	SB_M08_B2_A10	SB_M08_B2_A10_MR	
	36050	SB_M08_B2_A11	SB_M08_B2_A11_MR	
	36051	SB_M08_B2_A12	SB_M08_B2_A12_MR	
30	36052	SB_M08_B2_B01	SB_M08_B2_B01_MR	
	36053	SB_M08_B2_B02	SB_M08_B2_B02_MR	
	36054	SB_M08_B2_B03	SB_M08_B2_B03_MR	
	36055	SB_M08_B2_B04	SB_M08_B2_B04_MR	
	36056	SB_M08_B2_B05	SB_M08_B2_B05_MR	
35	36057	SB_M08_B2_B06	SB_M08_B2_B06_MR	
	36058	SB_M08_B2_B07	SB_M08_B2_B07_MR	
	36059	SB_M08_B2_B08	SB_M08_B2_B08_MR	
	36060	SB_M08_B2_B09	SB_M08_B2_B09_MR	
	36061	SB_M08_B2_B10	SB_M08_B2_B10_MR	
40	36062	SB_M08_B2_B11	SB_M08_B2_B11_MR	
	36063	SB_M08_B2_B12	SB_M08_B2_B12_MR	
	36064	SB_M08_B2_C01	SB_M08_B2_C01_MR	
	36065	SB_M08_B2_C02	SB_M08_B2_C02_MR	
	36066	SB_M08_B2_C03	SB_M08_B2_C03_MR	
45	36067	SB_M08_B2_C04	SB_M08_B2_C04_MR	
	36068	SB_M08_B2_C05	SB_M08_B2_C05_MR	
	36069	SB_M08_B2_C06	SB_M08_B2_C06_MR	
	36070	SB_M08_B2_C07	SB_M08_B2_C07_MR	
	36071	SB_M08_B2_C08	SB_M08_B2_C08_MR	
50	36072	SB_M08_B2_C09	SB_M08_B2_C09_MR	
	36073	SB_M08_B2_C10	SB_M08_B2_C10_MR	
	36074	SB_M08_B2_C11	SB_M08_B2_C11_MR	
	36075	SB_M08_B2_C12	SB_M08_B2_C12_MR	
	36076	SB_M08_B2_D01	SB_M08_B2_D01_MR	
55	36077	SB_M08_B2_D03	SB_M08_B2_D03_MR	

	36078	SB_M08_B2_D04	SB_M08_B2_D04_MR
	36079	SB_M08_B2_D05	SB_M08_B2_D05_MR
	36080	SB_M08_B2_D06	SB_M08_B2_D06_MR
	36081	SB_M08_B2_D07	SB_M08_B2_D07_MR
5	36082	SB_M08_B2_D08	SB_M08_B2_D08_MR
	36083	SB_M08_B2_D09	SB_M08_B2_D09_MR
	36084	SB_M08_B2_D10	SB_M08_B2_D10_MR
	36085	SB_M08_B2_D11	SB_M08_B2_D11_MR
	36086	SB_M08_B2_D12	SB_M08_B2_D12_MR
10	36087	SB_M08_B2_E01	SB_M08_B2_E01_MR
	36088	SB_M08_B2_E02	SB_M08_B2_E02_MR
	36089	SB_M08_B2_E03	SB_M08_B2_E03_MR
	36090	SB_M08_B2_E04	SB_M08_B2_E04_MR
	36091	SB_M08_B2_E05	SB_M08_B2_E05_MR
15	36092	SB_M08_B2_E06	SB_M08_B2_E06_MR
	36093	SB_M08_B2_E07	SB_M08_B2_E07_MR
	36094	SB_M08_B2_E08	SB_M08_B2_E08_MR
	36095	SB_M08_B2_E09	SB_M08_B2_E09_MR
	36096	SB_M08_B2_E10	SB_M08_B2_E10_MR
20	36097	SB_M08_B2_E11	SB_M08_B2_E11_MR
	36098	SB_M08_B2_E12	SB_M08_B2_E12_MR
	36099	SB_M08_B2_F01	SB_M08_B2_F01_MR
	36100	SB_M08_B2_F02	SB_M08_B2_F02_MR
	36101	SB_M08_B2_F03	SB_M08_B2_F03_MR
25	36102	SB_M08_B2_F04	SB_M08_B2_F04_MR
	36103	SB_M08_B2_F05	SB_M08_B2_F05_MR
	36104	SB_M08_B2_F06	SB_M08_B2_F06_MR
	36105	SB_M08_B2_F07	SB_M08_B2_F07_MR
	36106	SB_M08_B2_F08	SB_M08_B2_F08_MR
30	36107	SB_M08_B2_F09	SB_M08_B2_F09_MR
	36108	SB_M08_B2_F10	SB_M08_B2_F10_MR
	36109	SB_M08_B2_F11	SB_M08_B2_F11_MR
	36110	SB_M08_B2_F12	SB_M08_B2_F12_MR
	36111	SB_M08_B2_G01	SB_M08_B2_G01_MR
35	36112	SB_M08_B2_G02	SB_M08_B2_G02_MR
	36113	SB_M08_B2_G03	SB_M08_B2_G03_MR
	36114	SB_M08_B2_G04	SB_M08_B2_G04_MR
	36115	SB_M08_B2_G05	SB_M08_B2_G05_MR
	36116	SB_M08_B2_G06	SB_M08_B2_G06_MR
40	36117	SB_M08_B2_G07	SB_M08_B2_G07_MR
	36118	SB_M08_B2_G08	SB_M08_B2_G08_MR
	36119	SB_M08_B2_G09	SB_M08_B2_G09_MR
	36120	SB_M08_B2_G10	SB_M08_B2_G10_MR
	36121	SB_M08_B2_G12	SB_M08_B2_G12_MR
45	36122	SB_M08_B2_H01	SB_M08_B2_H01_MR
	36123	SB_M08_B2_H02	SB_M08_B2_H02_MR
	36124	SB_M08_B2_H03	SB_M08_B2_H03_MR
	36125	SB_M08_B2_H04	SB_M08_B2_H04_MR
	36126	SB_M08_B2_H05	SB_M08_B2_H05_MR
50	36127	SB_M08_B2_H06	SB_M08_B2_H06_MR
	36128	SB_M08_B2_H07	SB_M08_B2_H07_MR
	36129	SB_M08_B2_H08	SB_M08_B2_H08_MR
	36130	SB_M08_B2_H09	SB_M08_B2_H09_MR
	36131	SB_M08_B2_H10	SB_M08_B2_H10_MR
55	36132	SB_M08_B2_H11	SB_M08_B2_H11_MR

	36133	SB_M08_B2_H12		SB_M08_B2_H12_MR
	36134	SB_M09_A1_A01	SB_M09_A1_A01_T7	
	36135	SB_M09_A1_A01		SB_M09_A1_A01_MR
	36136	SB_M09_A1_A02	SB_M09_A1_A02_T7	
5	36137	SB_M09_A1_A02		SB_M09_A1_A02_MR
	36138	SB_M09_A1_A03	SB_M09_A1_A03_T7	
	36139	SB_M09_A1_A03		SB_M09_A1_A03_MR
	36140	SB_M09_A1_A04	SB_M09_A1_A04_T7	
	36141	SB_M09_A1_A04		SB_M09_A1_A04_MR
10	36142	SB_M09_A1_A05	SB_M09_A1_A05_T7	
	36143	SB_M09_A1_A05		SB_M09_A1_A05_MR
	36144	SB_M09_A1_A06	SB_M09_A1_A06_T7	
	36145	SB_M09_A1_A06		SB_M09_A1_A06_MR
	36146	SB_M09_A1_A07	SB_M09_A1_A07_T7	
15	36147	SB_M09_A1_A07		SB_M09_A1_A07_MR
	36148	SB_M09_A1_A08	SB_M09_A1_A08_T7	
	36149	SB_M09_A1_A08		SB_M09_A1_A08_MR
	36150	SB_M09_A1_A09	SB_M09_A1_A09_T7	
	36151	SB_M09_A1_A09		SB_M09_A1_A09_MR
20	36152	SB_M09_A1_A10	SB_M09_A1_A10_T7	
	36153	SB_M09_A1_A10		SB_M09_A1_A10_MR
	36154	SB_M09_A1_A11	SB_M09_A1_A11_T7	
	36155	SB_M09_A1_A11		SB_M09_A1_A11_MR
	36156	SB_M09_A1_A12	SB_M09_A1_A12_T7	
25	36157	SB_M09_A1_A12		SB_M09_A1_A12_MR
	36158	SB_M09_A1_B01	SB_M09_A1_B01_T7	
	36159	SB_M09_A1_B01		SB_M09_A1_B01_MR
	36160	SB_M09_A1_B02	SB_M09_A1_B02_T7	
	36161	SB_M09_A1_B02		SB_M09_A1_B02_MR
30	36162	SB_M09_A1_B03	SB_M09_A1_B03_T7	
	36163	SB_M09_A1_B03		SB_M09_A1_B03_MR
	36164	SB_M09_A1_B04	SB_M09_A1_B04_T7	
	36165	SB_M09_A1_B04		SB_M09_A1_B04_MR
	36166	SB_M09_A1_B05	SB_M09_A1_B05_T7	
35	36167	SB_M09_A1_B05		SB_M09_A1_B05_MR
	36168	SB_M09_A1_B06	SB_M09_A1_B06_T7	
	36169	SB_M09_A1_B06		SB_M09_A1_B06_MR
	36170	SB_M09_A1_B07	SB_M09_A1_B07_T7	
	36171	SB_M09_A1_B07		SB_M09_A1_B07_MR
40	36172	SB_M09_A1_B08	SB_M09_A1_B08_T7	
	36173	SB_M09_A1_B08		SB_M09_A1_B08_MR
	36174	SB_M09_A1_B09	SB_M09_A1_B09_T7	
	36175	SB_M09_A1_B09		SB_M09_A1_B09_MR
	36176	SB_M09_A1_B10	SB_M09_A1_B10_T7	
45	36177	SB_M09_A1_B10		SB_M09_A1_B10_MR
	36178	SB_M09_A1_B11	SB_M09_A1_B11_T7	
	36179	SB_M09_A1_B11		SB_M09_A1_B11_MR
	36180	SB_M09_A1_B12	SB_M09_A1_B12_T7	
	36181	SB_M09_A1_B12		SB_M09_A1_B12_MR
50	36182	SB_M09_A1_C01	SB_M09_A1_C01_T7	
	36183	SB_M09_A1_C01		SB_M09_A1_C01_MR
	36184	SB_M09_A1_C02	SB_M09_A1_C02_T7	
	36185	SB_M09_A1_C02		SB_M09_A1_C02_MR
	36186	SB_M09_A1_C03	SB_M09_A1_C03_T7	
55	36187	SB_M09_A1_C03		SB_M09_A1_C03_MR

	36188	SB_M09_A1_C04	SB_M09_A1_C04_T7	
	36189	SB_M09_A1_C04		SB_M09_A1_C04_MR
	36190	SB_M09_A1_C05	SB_M09_A1_C05_T7	
	36191	SB_M09_A1_C05		SB_M09_A1_C05_MR
5	36192	SB_M09_A1_C06	SB_M09_A1_C06_T7	
	36193	SB_M09_A1_C06		SB_M09_A1_C06_MR
	36194	SB_M09_A1_C07	SB_M09_A1_C07_T7	
	36195	SB_M09_A1_C07		SB_M09_A1_C07_MR
	36196	SB_M09_A1_C08	SB_M09_A1_C08_T7	
10	36197	SB_M09_A1_C08		SB_M09_A1_C08_MR
	36198	SB_M09_A1_C09	SB_M09_A1_C09_T7	
	36199	SB_M09_A1_C09		SB_M09_A1_C09_MR
	36200	SB_M09_A1_C10	SB_M09_A1_C10_T7	
	36201	SB_M09_A1_C10		SB_M09_A1_C10_MR
15	36202	SB_M09_A1_C11	SB_M09_A1_C11_T7	
	36203	SB_M09_A1_C11		SB_M09_A1_C11_MR
	36204	SB_M09_A1_C12	SB_M09_A1_C12_T7	
	36205	SB_M09_A1_C12		SB_M09_A1_C12_MR
	36206	SB_M09_A1_D01	SB_M09_A1_D01_T7	
20	36207	SB_M09_A1_D01		SB_M09_A1_D01_MR
	36208	SB_M09_A1_D02	SB_M09_A1_D02_T7	
	36209	SB_M09_A1_D02		SB_M09_A1_D02_MR
	36210	SB_M09_A1_D03	SB_M09_A1_D03_T7	
	36211	SB_M09_A1_D03		SB_M09_A1_D03_MR
25	36212	SB_M09_A1_D04	SB_M09_A1_D04_T7	
	36213	SB_M09_A1_D04		SB_M09_A1_D04_MR
	36214	SB_M09_A1_D05	SB_M09_A1_D05_T7	
	36215	SB_M09_A1_D05		SB_M09_A1_D05_MR
	36216	SB_M09_A1_D07	SB_M09_A1_D07_T7	
30	36217	SB_M09_A1_D07		SB_M09_A1_D07_MR
	36218	SB_M09_A1_D08	SB_M09_A1_D08_T7	
	36219	SB_M09_A1_D08		SB_M09_A1_D08_MR
	36220	SB_M09_A1_D09	SB_M09_A1_D09_T7	
	36221	SB_M09_A1_D09		SB_M09_A1_D09_MR
35	36222	SB_M09_A1_D10	SB_M09_A1_D10_T7	
	36223	SB_M09_A1_D10		SB_M09_A1_D10_MR
	36224	SB_M09_A1_D11	SB_M09_A1_D11_T7	
	36225	SB_M09_A1_D11		SB_M09_A1_D11_MR
	36226	SB_M09_A1_D12	SB_M09_A1_D12_T7	
40	36227	SB_M09_A1_D12		SB_M09_A1_D12_MR
	36228	SB_M09_A1_E02	SB_M09_A1_E02_MF	
	36229	SB_M09_A1_E02		SB_M09_A1_E02_MR
	36230	SB_M09_A1_E03	SB_M09_A1_E03_MF	
	36231	SB_M09_A1_E03		SB_M09_A1_E03_MR
45	36232	SB_M09_A1_E04	SB_M09_A1_E04_MF	
	36233	SB_M09_A1_E04		SB_M09_A1_E04_MR
	36234	SB_M09_A1_E05	SB_M09_A1_E05_MF	
	36235	SB_M09_A1_E05		SB_M09_A1_E05_MR
	36236	SB_M09_A1_E06	SB_M09_A1_E06_MF	
50	36237	SB_M09_A1_E06		SB_M09_A1_E06_MR
	36238	SB_M09_A1_E07	SB_M09_A1_E07_MF	
	36239	SB_M09_A1_E07		SB_M09_A1_E07_MR
	36240	SB_M09_A1_E08	SB_M09_A1_E08_MF	
	36241	SB_M09_A1_E08		SB_M09_A1_E08_MR
55	36242	SB_M09_A1_E09	SB_M09_A1_E09_MF	

	36243	SB_M09_A1_E09		SB_M09_A1_E09_MR
	36244	SB_M09_A1_E10	SB_M09_A1_E10_MF	
	36245	SB_M09_A1_E10		SB_M09_A1_E10_MR
	36246	SB_M09_A1_E11	SB_M09_A1_E11_MF	
5	36247	SB_M09_A1_E11		SB_M09_A1_E11_MR
	36248	SB_M09_A1_E12	SB_M09_A1_E12_MF	
	36249	SB_M09_A1_E12		SB_M09_A1_E12_MR
	36250	SB_M09_A1_F01	SB_M09_A1_F01_MF	
	36251	SB_M09_A1_F01		SB_M09_A1_F01_MR
10	36252	SB_M09_A1_F02	SB_M09_A1_F02_MF	
	36253	SB_M09_A1_F02		SB_M09_A1_F02_MR
	36254	SB_M09_A1_F03	SB_M09_A1_F03_MF	
	36255	SB_M09_A1_F03		SB_M09_A1_F03_MR
	36256	SB_M09_A1_F04	SB_M09_A1_F04_MF	
15	36257	SB_M09_A1_F04		SB_M09_A1_F04_MR
	36258	SB_M09_A1_F05	SB_M09_A1_F05_MF	
	36259	SB_M09_A1_F05		SB_M09_A1_F05_MR
	36260	SB_M09_A1_F06	SB_M09_A1_F06_MF	
	36261	SB_M09_A1_F06		SB_M09_A1_F06_MR
20	36262	SB_M09_A1_F07	SB_M09_A1_F07_MF	
	36263	SB_M09_A1_F07		SB_M09_A1_F07_MR
	36264	SB_M09_A1_F08	SB_M09_A1_F08_MF	
	36265	SB_M09_A1_F08		SB_M09_A1_F08_MR
	36266	SB_M09_A1_F09	SB_M09_A1_F09_MF	
25	36267	SB_M09_A1_F09		SB_M09_A1_F09_MR
	36268	SB_M09_A1_F10	SB_M09_A1_F10_MF	
	36269	SB_M09_A1_F10		SB_M09_A1_F10_MR
	36270	SB_M09_A1_F11	SB_M09_A1_F11_MF	
	36271	SB_M09_A1_F11		SB_M09_A1_F11_MR
30	36272	SB_M09_A1_F12	SB_M09_A1_F12_MF	
	36273	SB_M09_A1_F12		SB_M09_A1_F12_MR
	36274	SB_M09_A1_G01	SB_M09_A1_G01_MF	
	36275	SB_M09_A1_G01		SB_M09_A1_G01_MR
	36276	SB_M09_A1_G02	SB_M09_A1_G02_MF	
35	36277	SB_M09_A1_G02		SB_M09_A1_G02_MR
	36278	SB_M09_A1_G03	SB_M09_A1_G03_MF	
	36279	SB_M09_A1_G03		SB_M09_A1_G03_MR
	36280	SB_M09_A1_G04	SB_M09_A1_G04_MF	
	36281	SB_M09_A1_G04		SB_M09_A1_G04_MR
40	36282	SB_M09_A1_G06	SB_M09_A1_G06_MF	
	36283	SB_M09_A1_G06		SB_M09_A1_G06_MR
	36284	SB_M09_A1_G07	SB_M09_A1_G07_MF	
	36285	SB_M09_A1_G07		SB_M09_A1_G07_MR
	36286	SB_M09_A1_G08	SB_M09_A1_G08_MF	
45	36287	SB_M09_A1_G08		SB_M09_A1_G08_MR
	36288	SB_M09_A1_G09	SB_M09_A1_G09_MF	
	36289	SB_M09_A1_G09		SB_M09_A1_G09_MR
	36290	SB_M09_A1_G10	SB_M09_A1_G10_MF	
	36291	SB_M09_A1_G10		SB_M09_A1_G10_MR
50	36292	SB_M09_A1_G11	SB_M09_A1_G11_MF	
	36293	SB_M09_A1_G11		SB_M09_A1_G11_MR
	36294	SB_M09_A1_G12	SB_M09_A1_G12_MF	
	36295	SB_M09_A1_G12		SB_M09_A1_G12_MR
	36296	SB_M09_A1_H01	SB_M09_A1_H01_MF	
55	36297	SB_M09_A1_H01		SB_M09_A1_H01_MR

	36298	SB_M09_A1_H02	SB_M09_A1_H02_MF	
	36299	SB_M09_A1_H02		SB_M09_A1_H02_MR
	36300	SB_M09_A1_H03	SB_M09_A1_H03_MF	
	36301	SB_M09_A1_H03		SB_M09_A1_H03_MR
5	36302	SB_M09_A1_H04	SB_M09_A1_H04_MF	
	36303	SB_M09_A1_H04		SB_M09_A1_H04_MR
	36304	SB_M09_A1_H05	SB_M09_A1_H05_MF	
	36305	SB_M09_A1_H05		SB_M09_A1_H05_MR
	36306	SB_M09_A1_H06	SB_M09_A1_H06_MF	
10	36307	SB_M09_A1_H06		SB_M09_A1_H06_MR
	36308	SB_M09_A1_H07	SB_M09_A1_H07_MF	
	36309	SB_M09_A1_H07		SB_M09_A1_H07_MR
	36310	SB_M09_A1_H08	SB_M09_A1_H08_MF	
	36311	SB_M09_A1_H09	SB_M09_A1_H09_MF	
15	36312	SB_M09_A1_H09		SB_M09_A1_H09_MR
	36313	SB_M09_A1_H10	SB_M09_A1_H10_MF	
	36314	SB_M09_A1_H10		SB_M09_A1_H10_MR
	36315	SB_M09_A1_H11	SB_M09_A1_H11_MF	
	36316	SB_M09_A1_H11		SB_M09_A1_H11_MR
20	36317	SB_M09_A1_H12	SB_M09_A1_H12_MF	
	36318	SB_M09_A1_H12		SB_M09_A1_H12_MR
	36319	SB_M09_A2_A01	SB_M09_A2_A01_T7	
	36320	SB_M09_A2_A01		SB_M09_A2_A01_MR
	36321	SB_M09_A2_A02	SB_M09_A2_A02_T7	
25	36322	SB_M09_A2_A02		SB_M09_A2_A02_MR
	36323	SB_M09_A2_A03	SB_M09_A2_A03_T7	
	36324	SB_M09_A2_A03		SB_M09_A2_A03_MR
	36325	SB_M09_A2_A04	SB_M09_A2_A04_T7	
	36326	SB_M09_A2_A04		SB_M09_A2_A04_MR
30	36327	SB_M09_A2_A05	SB_M09_A2_A05_T7	
	36328	SB_M09_A2_A05		SB_M09_A2_A05_MR
	36329	SB_M09_A2_A06	SB_M09_A2_A06_T7	
	36330	SB_M09_A2_A06		SB_M09_A2_A06_MR
	36331	SB_M09_A2_A07	SB_M09_A2_A07_T7	
35	36332	SB_M09_A2_A07		SB_M09_A2_A07_MR
	36333	SB_M09_A2_A08	SB_M09_A2_A08_T7	
	36334	SB_M09_A2_A08		SB_M09_A2_A08_MR
	36335	SB_M09_A2_A09		SB_M09_A2_A09_MR
	36336	SB_M09_A2_A10		SB_M09_A2_A10_MR
40	36337	SB_M09_A2_A11		SB_M09_A2_A11_MR
	36338	SB_M09_A2_A12		SB_M09_A2_A12_MR
	36339	SB_M09_A2_B01	SB_M09_A2_B01_T7	
	36340	SB_M09_A2_B01		SB_M09_A2_B01_MR
	36341	SB_M09_A2_B02	SB_M09_A2_B02_T7	
45	36342	SB_M09_A2_B02		SB_M09_A2_B02_MR
	36343	SB_M09_A2_B03	SB_M09_A2_B03_T7	
	36344	SB_M09_A2_B03		SB_M09_A2_B03_MR
	36345	SB_M09_A2_B04	SB_M09_A2_B04_T7	
	36346	SB_M09_A2_B04		SB_M09_A2_B04_MR
50	36347	SB_M09_A2_B05	SB_M09_A2_B05_T7	
	36348	SB_M09_A2_B05		SB_M09_A2_B05_MR
	36349	SB_M09_A2_B06	SB_M09_A2_B06_T7	
	36350	SB_M09_A2_B06		SB_M09_A2_B06_MR
	36351	SB_M09_A2_B07	SB_M09_A2_B07_T7	
55	36352	SB_M09_A2_B07		SB_M09_A2_B07_MR

	36353	SB_M09_A2_B08	SB_M09_A2_B08_T7	
	36354	SB_M09_A2_B08		SB_M09_A2_B08_MR
	36355	SB_M09_A2_B09		SB_M09_A2_B09_MR
	36356	SB_M09_A2_B10		SB_M09_A2_B10_MR
5	36357	SB_M09_A2_B11		SB_M09_A2_B11_MR
	36358	SB_M09_A2_B12		SB_M09_A2_B12_MR
	36359	SB_M09_A2_C01	SB_M09_A2_C01_T7	
	36360	SB_M09_A2_C01		SB_M09_A2_C01_MR
	36361	SB_M09_A2_C02	SB_M09_A2_C02_T7	
10	36362	SB_M09_A2_C02		SB_M09_A2_C02_MR
	36363	SB_M09_A2_C03	SB_M09_A2_C03_T7	
	36364	SB_M09_A2_C03		SB_M09_A2_C03_MR
	36365	SB_M09_A2_C04	SB_M09_A2_C04_T7	
	36366	SB_M09_A2_C04		SB_M09_A2_C04_MR
15	36367	SB_M09_A2_C05	SB_M09_A2_C05_T7	
	36368	SB_M09_A2_C05		SB_M09_A2_C05_MR
	36369	SB_M09_A2_C07	SB_M09_A2_C07_T7	
	36370	SB_M09_A2_C07		SB_M09_A2_C07_MR
	36371	SB_M09_A2_C08	SB_M09_A2_C08_T7	
20	36372	SB_M09_A2_C08		SB_M09_A2_C08_MR
	36373	SB_M09_A2_C09		SB_M09_A2_C09_MR
	36374	SB_M09_A2_C10		SB_M09_A2_C10_MR
	36375	SB_M09_A2_C11		SB_M09_A2_C11_MR
	36376	SB_M09_A2_C12		SB_M09_A2_C12_MR
25	36377	SB_M09_A2_D01	SB_M09_A2_D01_T7	
	36378	SB_M09_A2_D01		SB_M09_A2_D01_MR
	36379	SB_M09_A2_D02	SB_M09_A2_D02_T7	
	36380	SB_M09_A2_D02		SB_M09_A2_D02_MR
	36381	SB_M09_A2_D03	SB_M09_A2_D03_T7	
30	36382	SB_M09_A2_D03		SB_M09_A2_D03_MR
	36383	SB_M09_A2_D04	SB_M09_A2_D04_T7	
	36384	SB_M09_A2_D04		SB_M09_A2_D04_MR
	36385	SB_M09_A2_D05	SB_M09_A2_D05_T7	
	36386	SB_M09_A2_D05		SB_M09_A2_D05_MR
35	36387	SB_M09_A2_D06	SB_M09_A2_D06_T7	
	36388	SB_M09_A2_D06		SB_M09_A2_D06_MR
	36389	SB_M09_A2_D07	SB_M09_A2_D07_T7	
	36390	SB_M09_A2_D07		SB_M09_A2_D07_MR
	36391	SB_M09_A2_D08	SB_M09_A2_D08_T7	
40	36392	SB_M09_A2_D08		SB_M09_A2_D08_MR
	36393	SB_M09_A2_D09		SB_M09_A2_D09_MR
	36394	SB_M09_A2_D10		SB_M09_A2_D10_MR
	36395	SB_M09_A2_D11		SB_M09_A2_D11_MR
	36396	SB_M09_A2_D12		SB_M09_A2_D12_MR
45	36397	SB_M09_A2_E01	SB_M09_A2_E01_MF	
	36398	SB_M09_A2_E01		SB_M09_A2_E01_MR
	36399	SB_M09_A2_E02	SB_M09_A2_E02_MF	
	36400	SB_M09_A2_E02		SB_M09_A2_E02_MR
	36401	SB_M09_A2_E03	SB_M09_A2_E03_MF	
50	36402	SB_M09_A2_E03		SB_M09_A2_E03_MR
	36403	SB_M09_A2_E04	SB_M09_A2_E04_MF	
	36404	SB_M09_A2_E04		SB_M09_A2_E04_MR
	36405	SB_M09_A2_E05	SB_M09_A2_E05_MF	
	36406	SB_M09_A2_E05		SB_M09_A2_E05_MR
55	36407	SB_M09_A2_E06	SB_M09_A2_E06_MF	

	36408	SB_M09_A2_E06		SB_M09_A2_E06_MR
	36409	SB_M09_A2_E07	SB_M09_A2_E07_MF	
	36410	SB_M09_A2_E07		SB_M09_A2_E07_MR
	36411	SB_M09_A2_E08	SB_M09_A2_E08_MF	
5	36412	SB_M09_A2_E08		SB_M09_A2_E08_MR
	36413	SB_M09_A2_E09		SB_M09_A2_E09_MR
	36414	SB_M09_A2_E10		SB_M09_A2_E10_MR
	36415	SB_M09_A2_E11		SB_M09_A2_E11_MR
	36416	SB_M09_A2_E12		SB_M09_A2_E12_MR
10	36417	SB_M09_A2_F01	SB_M09_A2_F01_MF	
	36418	SB_M09_A2_F01		SB_M09_A2_F01_MR
	36419	SB_M09_A2_F02	SB_M09_A2_F02_MF	
	36420	SB_M09_A2_F02		SB_M09_A2_F02_MR
	36421	SB_M09_A2_F03	SB_M09_A2_F03_MF	
15	36422	SB_M09_A2_F04	SB_M09_A2_F04_MF	
	36423	SB_M09_A2_F05	SB_M09_A2_F05_MF	
	36424	SB_M09_A2_F05		SB_M09_A2_F05_MR
	36425	SB_M09_A2_F06	SB_M09_A2_F06_MF	
	36426	SB_M09_A2_F06		SB_M09_A2_F06_MR
20	36427	SB_M09_A2_F07	SB_M09_A2_F07_MF	
	36428	SB_M09_A2_F07		SB_M09_A2_F07_MR
	36429	SB_M09_A2_F08	SB_M09_A2_F08_MF	
	36430	SB_M09_A2_F08		SB_M09_A2_F08_MR
	36431	SB_M09_A2_F09		SB_M09_A2_F09_MR
25	36432	SB_M09_A2_F10		SB_M09_A2_F10_MR
	36433	SB_M09_A2_F11		SB_M09_A2_F11_MR
	36434	SB_M09_A2_F12		SB_M09_A2_F12_MR
	36435	SB_M09_A2_G01	SB_M09_A2_G01_MF	
	36436	SB_M09_A2_G01		SB_M09_A2_G01_MR
30	36437	SB_M09_A2_G02	SB_M09_A2_G02_MF	
	36438	SB_M09_A2_G02		SB_M09_A2_G02_MR
	36439	SB_M09_A2_G03	SB_M09_A2_G03_MF	
	36440	SB_M09_A2_G03		SB_M09_A2_G03_MR
	36441	SB_M09_A2_G04	SB_M09_A2_G04_MF	
35	36442	SB_M09_A2_G04		SB_M09_A2_G04_MR
	36443	SB_M09_A2_G05	SB_M09_A2_G05_MF	
	36444	SB_M09_A2_G05		SB_M09_A2_G05_MR
	36445	SB_M09_A2_G06		SB_M09_A2_G06_MR
	36446	SB_M09_A2_G07	SB_M09_A2_G07_MF	
40	36447	SB_M09_A2_G07		SB_M09_A2_G07_MR
	36448	SB_M09_A2_G08		SB_M09_A2_G08_MR
	36449	SB_M09_A2_G09		SB_M09_A2_G09_MR
	36450	SB_M09_A2_G10		SB_M09_A2_G10_MR
	36451	SB_M09_A2_G11		SB_M09_A2_G11_MR
45	36452	SB_M09_A2_G12		SB_M09_A2_G12_MR
	36453	SB_M09_A2_H01	SB_M09_A2_H01_MF	
	36454	SB_M09_A2_H01		SB_M09_A2_H01_MR
	36455	SB_M09_A2_H02	SB_M09_A2_H02_MF	
	36456	SB_M09_A2_H02		SB_M09_A2_H02_MR
50	36457	SB_M09_A2_H03	SB_M09_A2_H03_MF	
	36458	SB_M09_A2_H03		SB_M09_A2_H03_MR
	36459	SB_M09_A2_H04	SB_M09_A2_H04_MF	
	36460	SB_M09_A2_H04		SB_M09_A2_H04_MR
	36461	SB_M09_A2_H05	SB_M09_A2_H05_MF	
55	36462	SB_M09_A2_H05		SB_M09_A2_H05_MR

	36463	SB_M09_A2_H06	SB_M09_A2_H06_MF	
	36464	SB_M09_A2_H06		SB_M09_A2_H06_MR
	36465	SB_M09_A2_H07	SB_M09_A2_H07_MF	
	36466	SB_M09_A2_H07		SB_M09_A2_H07_MR
5	36467	SB_M09_A2_H08	SB_M09_A2_H08_MF	
	36468	SB_M09_A2_H08		SB_M09_A2_H08_MR
	36469	SB_M09_A2_H09		SB_M09_A2_H09_MR
	36470	SB_M09_A2_H10		SB_M09_A2_H10_MR
	36471	SB_M09_A2_H11		SB_M09_A2_H11_MR
10	36472	SB_M09_A2_H12		SB_M09_A2_H12_MR
	36473	SB_M09_B2_A01	SB_M09_B2_A01_MF	
	36474	SB_M09_B2_A02	SB_M09_B2_A02_MF	
	36475	SB_M09_B2_A02		SB_M09_B2_A02_MR
	36476	SB_M09_B2_A03	SB_M09_B2_A03_MF	
15	36477	SB_M09_B2_A03		SB_M09_B2_A03_MR
	36478	SB_M09_B2_A04	SB_M09_B2_A04_MF	
	36479	SB_M09_B2_A04		SB_M09_B2_A04_MR
	36480	SB_M09_B2_A05	SB_M09_B2_A05_MF	
	36481	SB_M09_B2_A05		SB_M09_B2_A05_MR
20	36482	SB_M09_B2_A06	SB_M09_B2_A06_MF	
	36483	SB_M09_B2_A07	SB_M09_B2_A07_MF	
	36484	SB_M09_B2_A07		SB_M09_B2_A07_MR
	36485	SB_M09_B2_A08	SB_M09_B2_A08_MF	
	36486	SB_M09_B2_A08		SB_M09_B2_A08_MR
25	36487	SB_M09_B2_A09	SB_M09_B2_A09_MF	
	36488	SB_M09_B2_A09		SB_M09_B2_A09_MR
	36489	SB_M09_B2_A10	SB_M09_B2_A10_MF	
	36490	SB_M09_B2_A10		SB_M09_B2_A10_MR
	36491	SB_M09_B2_A11	SB_M09_B2_A11_MF	
30	36492	SB_M09_B2_A11		SB_M09_B2_A11_MR
	36493	SB_M09_B2_A12	SB_M09_B2_A12_MF	
	36494	SB_M09_B2_A12		SB_M09_B2_A12_MR
	36495	SB_M09_B2_B01	SB_M09_B2_B01_MF	
	36496	SB_M09_B2_B02	SB_M09_B2_B02_MF	
35	36497	SB_M09_B2_B02		SB_M09_B2_B02_MR
	36498	SB_M09_B2_B03	SB_M09_B2_B03_MF	
	36499	SB_M09_B2_B03		SB_M09_B2_B03_MR
	36500	SB_M09_B2_B04	SB_M09_B2_B04_MF	
	36501	SB_M09_B2_B04		SB_M09_B2_B04_MR
40	36502	SB_M09_B2_B05	SB_M09_B2_B05_MF	
	36503	SB_M09_B2_B05		SB_M09_B2_B05_MR
	36504	SB_M09_B2_B06	SB_M09_B2_B06_MF	
	36505	SB_M09_B2_B06		SB_M09_B2_B06_MR
	36506	SB_M09_B2_B07	SB_M09_B2_B07_MF	
45	36507	SB_M09_B2_B07		SB_M09_B2_B07_MR
	36508	SB_M09_B2_B08	SB_M09_B2_B08_MF	
	36509	SB_M09_B2_B08		SB_M09_B2_B08_MR
	36510	SB_M09_B2_B09	SB_M09_B2_B09_MF	
	36511	SB_M09_B2_B10	SB_M09_B2_B10_MF	
50	36512	SB_M09_B2_B10		SB_M09_B2_B10_MR
	36513	SB_M09_B2_B11	SB_M09_B2_B11_MF	
	36514	SB_M09_B2_B11		SB_M09_B2_B11_MR
	36515	SB_M09_B2_B12	SB_M09_B2_B12_MF	
	36516	SB_M09_B2_B12		SB_M09_B2_B12_MR
55	36517	SB_M09_B2_C01	SB_M09_B2_C01_MF	

	36518	SB_M09_B2_C01		SB_M09_B2_C01_MR
	36519	SB_M09_B2_C02	SB_M09_B2_C02_MF	
	36520	SB_M09_B2_C02		SB_M09_B2_C02_MR
	36521	SB_M09_B2_C03	SB_M09_B2_C03_MF	
5	36522	SB_M09_B2_C03		SB_M09_B2_C03_MR
	36523	SB_M09_B2_C04	SB_M09_B2_C04_MF	
	36524	SB_M09_B2_C04		SB_M09_B2_C04_MR
	36525	SB_M09_B2_C05	SB_M09_B2_C05_MF	
	36526	SB_M09_B2_C05		SB_M09_B2_C05_MR
10	36527	SB_M09_B2_C06	SB_M09_B2_C06_MF	
	36528	SB_M09_B2_C06		SB_M09_B2_C06_MR
	36529	SB_M09_B2_C07	SB_M09_B2_C07_MF	
	36530	SB_M09_B2_C07		SB_M09_B2_C07_MR
	36531	SB_M09_B2_C08	SB_M09_B2_C08_MF	
15	36532	SB_M09_B2_C08		SB_M09_B2_C08_MR
	36533	SB_M09_B2_C09	SB_M09_B2_C09_MF	
	36534	SB_M09_B2_C09		SB_M09_B2_C09_MR
	36535	SB_M09_B2_C10	SB_M09_B2_C10_MF	
	36536	SB_M09_B2_C10		SB_M09_B2_C10_MR
20	36537	SB_M09_B2_C11	SB_M09_B2_C11_MF	
	36538	SB_M09_B2_C11		SB_M09_B2_C11_MR
	36539	SB_M09_B2_C12	SB_M09_B2_C12_MF	
	36540	SB_M09_B2_C12		SB_M09_B2_C12_MR
	36541	SB_M09_B2_D01	SB_M09_B2_D01_MF	
25	36542	SB_M09_B2_D01		SB_M09_B2_D01_MR
	36543	SB_M09_B2_D02	SB_M09_B2_D02_MF	
	36544	SB_M09_B2_D02		SB_M09_B2_D02_MR
	36545	SB_M09_B2_D03	SB_M09_B2_D03_MF	
	36546	SB_M09_B2_D03		SB_M09_B2_D03_MR
30	36547	SB_M09_B2_D04	SB_M09_B2_D04_MF	
	36548	SB_M09_B2_D04		SB_M09_B2_D04_MR
	36549	SB_M09_B2_D05	SB_M09_B2_D05_MF	
	36550	SB_M09_B2_D05		SB_M09_B2_D05_MR
	36551	SB_M09_B2_D06	SB_M09_B2_D06_MF	
35	36552	SB_M09_B2_D06		SB_M09_B2_D06_MR
	36553	SB_M09_B2_D07	SB_M09_B2_D07_MF	
	36554	SB_M09_B2_D07		SB_M09_B2_D07_MR
	36555	SB_M09_B2_D08	SB_M09_B2_D08_MF	
	36556	SB_M09_B2_D08		SB_M09_B2_D08_MR
40	36557	SB_M09_B2_D09	SB_M09_B2_D09_MF	
	36558	SB_M09_B2_D09		SB_M09_B2_D09_MR
	36559	SB_M09_B2_D10	SB_M09_B2_D10_MF	
	36560	SB_M09_B2_D10		SB_M09_B2_D10_MR
	36561	SB_M09_B2_D11	SB_M09_B2_D11_MF	
45	36562	SB_M09_B2_D11		SB_M09_B2_D11_MR
	36563	SB_M09_B2_D12	SB_M09_B2_D12_MF	
	36564	SB_M09_B2_D12		SB_M09_B2_D12_MR
	36565	SB_M09_B2_E01	SB_M09_B2_E01_MF	
	36566	SB_M09_B2_E01		SB_M09_B2_E01_MR
50	36567	SB_M09_B2_E02	SB_M09_B2_E02_MF	
	36568	SB_M09_B2_E02		SB_M09_B2_E02_MR
	36569	SB_M09_B2_E03	SB_M09_B2_E03_MF	
	36570	SB_M09_B2_E03		SB_M09_B2_E03_MR
	36571	SB_M09_B2_E04	SB_M09_B2_E04_MF	
55	36572	SB_M09_B2_E04		SB_M09_B2_E04_MR

	36573	SB_M09_B2_E05	SB_M09_B2_E05_MF	
	36574	SB_M09_B2_E05		SB_M09_B2_E05_MR
	36575	SB_M09_B2_E06	SB_M09_B2_E06_MF	
	36576	SB_M09_B2_E06		SB_M09_B2_E06_MR
5	36577	SB_M09_B2_E07	SB_M09_B2_E07_MF	
	36578	SB_M09_B2_E07		SB_M09_B2_E07_MR
	36579	SB_M09_B2_E08	SB_M09_B2_E08_MF	
	36580	SB_M09_B2_E08		SB_M09_B2_E08_MR
	36581	SB_M09_B2_E09	SB_M09_B2_E09_MF	
10	36582	SB_M09_B2_E10	SB_M09_B2_E10_MF	
	36583	SB_M09_B2_E10		SB_M09_B2_E10_MR
	36584	SB_M09_B2_E11	SB_M09_B2_E11_MF	
	36585	SB_M09_B2_E11		SB_M09_B2_E11_MR
	36586	SB_M09_B2_E12	SB_M09_B2_E12_MF	
15	36587	SB_M09_B2_E12		SB_M09_B2_E12_MR
	36588	SB_M09_B2_F01	SB_M09_B2_F01_MF	
	36589	SB_M09_B2_F01		SB_M09_B2_F01_MR
	36590	SB_M09_B2_F02	SB_M09_B2_F02_MF	
	36591	SB_M09_B2_F02		SB_M09_B2_F02_MR
20	36592	SB_M09_B2_F03	SB_M09_B2_F03_MF	
	36593	SB_M09_B2_F03		SB_M09_B2_F03_MR
	36594	SB_M09_B2_F04	SB_M09_B2_F04_MF	
	36595	SB_M09_B2_F04		SB_M09_B2_F04_MR
	36596	SB_M09_B2_F05	SB_M09_B2_F05_MF	
25	36597	SB_M09_B2_F05		SB_M09_B2_F05_MR
	36598	SB_M09_B2_F06	SB_M09_B2_F06_MF	
	36599	SB_M09_B2_F06		SB_M09_B2_F06_MR
	36600	SB_M09_B2_F07	SB_M09_B2_F07_MF	
	36601	SB_M09_B2_F07		SB_M09_B2_F07_MR
30	36602	SB_M09_B2_F08	SB_M09_B2_F08_MF	
	36603	SB_M09_B2_F08		SB_M09_B2_F08_MR
	36604	SB_M09_B2_F09	SB_M09_B2_F09_MF	
	36605	SB_M09_B2_F09		SB_M09_B2_F09_MR
	36606	SB_M09_B2_F10	SB_M09_B2_F10_MF	
35	36607	SB_M09_B2_F10		SB_M09_B2_F10_MR
	36608	SB_M09_B2_F11	SB_M09_B2_F11_MF	
	36609	SB_M09_B2_F11		SB_M09_B2_F11_MR
	36610	SB_M09_B2_F12	SB_M09_B2_F12_MF	
	36611	SB_M09_B2_G01	SB_M09_B2_G01_MF	
40	36612	SB_M09_B2_G01		SB_M09_B2_G01_MR
	36613	SB_M09_B2_G02	SB_M09_B2_G02_MF	
	36614	SB_M09_B2_G02		SB_M09_B2_G02_MR
	36615	SB_M09_B2_G03	SB_M09_B2_G03_MF	
	36616	SB_M09_B2_G03		SB_M09_B2_G03_MR
45	36617	SB_M09_B2_G04	SB_M09_B2_G04_MF	
	36618	SB_M09_B2_G04		SB_M09_B2_G04_MR
	36619	SB_M09_B2_G05	SB_M09_B2_G05_MF	
	36620	SB_M09_B2_G05		SB_M09_B2_G05_MR
	36621	SB_M09_B2_G06	SB_M09_B2_G06_MF	
50	36622	SB_M09_B2_G06		SB_M09_B2_G06_MR
	36623	SB_M09_B2_G07	SB_M09_B2_G07_MF	
	36624	SB_M09_B2_G07		SB_M09_B2_G07_MR
	36625	SB_M09_B2_G08	SB_M09_B2_G08_MF	
	36626	SB_M09_B2_G08		SB_M09_B2_G08_MR
55	36627	SB_M09_B2_G09	SB_M09_B2_G09_MF	

	36628	SB_M09_B2_G09		SB_M09_B2_G09_MR
	36629	SB_M09_B2_G10	SB_M09_B2_G10_MF	
	36630	SB_M09_B2_G10		SB_M09_B2_G10_MR
	36631	SB_M09_B2_G11	SB_M09_B2_G11_MF	
5	36632	SB_M09_B2_G11		SB_M09_B2_G11_MR
	36633	SB_M09_B2_G12	SB_M09_B2_G12_MF	
	36634	SB_M09_B2_G12		SB_M09_B2_G12_MR
	36635	SB_M09_B2_H01	SB_M09_B2_H01_MF	
	36636	SB_M09_B2_H02	SB_M09_B2_H02_MF	
10	36637	SB_M09_B2_H02		SB_M09_B2_H02_MR
	36638	SB_M09_B2_H03	SB_M09_B2_H03_MF	
	36639	SB_M09_B2_H03		SB_M09_B2_H03_MR
	36640	SB_M09_B2_H04	SB_M09_B2_H04_MF	
	36641	SB_M09_B2_H04		SB_M09_B2_H04_MR
15	36642	SB_M09_B2_H05	SB_M09_B2_H05_MF	
	36643	SB_M09_B2_H05		SB_M09_B2_H05_MR
	36644	SB_M09_B2_H06	SB_M09_B2_H06_MF	
	36645	SB_M09_B2_H06		SB_M09_B2_H06_MR
	36646	SB_M09_B2_H07	SB_M09_B2_H07_MF	
20	36647	SB_M09_B2_H07		SB_M09_B2_H07_MR
	36648	SB_M09_B2_H08	SB_M09_B2_H08_MF	
	36649	SB_M09_B2_H08		SB_M09_B2_H08_MR
	36650	SB_M09_B2_H09	SB_M09_B2_H09_MF	
	36651	SB_M09_B2_H09		SB_M09_B2_H09_MR
25	36652	SB_M09_B2_H10	SB_M09_B2_H10_MF	
	36653	SB_M09_B2_H10		SB_M09_B2_H10_MR
	36654	SB_M09_B2_H11	SB_M09_B2_H11_MF	
	36655	SB_M09_B2_H11		SB_M09_B2_H11_MR
	36656	SB_M09_B2_H12	SB_M09_B2_H12_MF	
30	36657	SB_M09_B2_H12		SB_M09_B2_H12_MR
	36658	SB_M11_B1_A01	SB_M11_B1_A01_MF	
	36659	SB_M11_B1_A02	SB_M11_B1_A02_MF	
	36660	SB_M11_B1_A03	SB_M11_B1_A03_MF	
	36661	SB_M11_B1_A04	SB_M11_B1_A04_MF	
35	36662	SB_M11_B1_A05	SB_M11_B1_A05_MF	
	36663	SB_M11_B1_A06	SB_M11_B1_A06_MF	
	36664	SB_M11_B1_A07	SB_M11_B1_A07_MF	
	36665	SB_M11_B1_A08	SB_M11_B1_A08_MF	
	36666	SB_M11_B1_A09	SB_M11_B1_A09_MF	
40	36667	SB_M11_B1_A10	SB_M11_B1_A10_MF	
	36668	SB_M11_B1_A11	SB_M11_B1_A11_MF	
	36669	SB_M11_B1_A12	SB_M11_B1_A12_MF	
	36670	SB_M11_B1_B01	SB_M11_B1_B01_MF	
	36671	SB_M11_B1_B02	SB_M11_B1_B02_MF	
45	36672	SB_M11_B1_B03	SB_M11_B1_B03_MF	
	36673	SB_M11_B1_B04	SB_M11_B1_B04_MF	
	36674	SB_M11_B1_B05	SB_M11_B1_B05_MF	
	36675	SB_M11_B1_B06	SB_M11_B1_B06_MF	
	36676	SB_M11_B1_B07	SB_M11_B1_B07_MF	
50	36677	SB_M11_B1_B08	SB_M11_B1_B08_MF	
	36678	SB_M11_B1_B09	SB_M11_B1_B09_MF	
	36679	SB_M11_B1_B10	SB_M11_B1_B10_MF	
	36680	SB_M11_B1_B11	SB_M11_B1_B11_MF	
	36681	SB_M11_B1_B12	SB_M11_B1_B12_MF	
55	36682	SB_M11_B1_C01	SB_M11_B1_C01_MF	

	36683	SB_M11_B1_C02	SB_M11_B1_C02_MF
	36684	SB_M11_B1_C03	SB_M11_B1_C03_MF
	36685	SB_M11_B1_C04	SB_M11_B1_C04_MF
	36686	SB_M11_B1_C05	SB_M11_B1_C05_MF
5	36687	SB_M11_B1_C06	SB_M11_B1_C06_MF
	36688	SB_M11_B1_C07	SB_M11_B1_C07_MF
	36689	SB_M11_B1_C08	SB_M11_B1_C08_MF
	36690	SB_M11_B1_C09	SB_M11_B1_C09_MF
	36691	SB_M11_B1_C10	SB_M11_B1_C10_MF
10	36692	SB_M11_B1_C11	SB_M11_B1_C11_MF
	36693	SB_M11_B1_C12	SB_M11_B1_C12_MF
	36694	SB_M11_B1_D01	SB_M11_B1_D01_MF
	36695	SB_M11_B1_D02	SB_M11_B1_D02_MF
	36696	SB_M11_B1_D03	SB_M11_B1_D03_MF
15	36697	SB_M11_B1_D04	SB_M11_B1_D04_MF
	36698	SB_M11_B1_D06	SB_M11_B1_D06_MF
	36699	SB_M11_B1_D07	SB_M11_B1_D07_MF
	36700	SB_M11_B1_D08	SB_M11_B1_D08_MF
	36701	SB_M11_B1_D09	SB_M11_B1_D09_MF
20	36702	SB_M11_B1_D10	SB_M11_B1_D10_MF
	36703	SB_M11_B1_D11	SB_M11_B1_D11_MF
	36704	SB_M11_B1_D12	SB_M11_B1_D12_MF
	36705	SB_M11_B1_E01	SB_M11_B1_E01_MF
	36706	SB_M11_B1_E02	SB_M11_B1_E02_MF
25	36707	SB_M11_B1_E03	SB_M11_B1_E03_MF
	36708	SB_M11_B1_E04	SB_M11_B1_E04_MF
	36709	SB_M11_B1_E05	SB_M11_B1_E05_MF
	36710	SB_M11_B1_E06	SB_M11_B1_E06_MF
	36711	SB_M11_B1_E07	SB_M11_B1_E07_MF
30	36712	SB_M11_B1_E08	SB_M11_B1_E08_MF
	36713	SB_M11_B1_E09	SB_M11_B1_E09_MF
	36714	SB_M11_B1_E10	SB_M11_B1_E10_MF
	36715	SB_M11_B1_E11	SB_M11_B1_E11_MF
	36716	SB_M11_B1_E12	SB_M11_B1_E12_MF
35	36717	SB_M11_B1_F01	SB_M11_B1_F01_MF
	36718	SB_M11_B1_F02	SB_M11_B1_F02_MF
	36719	SB_M11_B1_F03	SB_M11_B1_F03_MF
	36720	SB_M11_B1_F04	SB_M11_B1_F04_MF
	36721	SB_M11_B1_F05	SB_M11_B1_F05_MF
40	36722	SB_M11_B1_F06	SB_M11_B1_F06_MF
	36723	SB_M11_B1_F07	SB_M11_B1_F07_MF
	36724	SB_M11_B1_F08	SB_M11_B1_F08_MF
	36725	SB_M11_B1_F09	SB_M11_B1_F09_MF
	36726	SB_M11_B1_F10	SB_M11_B1_F10_MF
45	36727	SB_M11_B1_F11	SB_M11_B1_F11_MF
	36728	SB_M11_B1_F12	SB_M11_B1_F12_MF
	36729	SB_M11_B1_G01	SB_M11_B1_G01_MF
	36730	SB_M11_B1_G02	SB_M11_B1_G02_MF
	36731	SB_M11_B1_G03	SB_M11_B1_G03_MF
50	36732	SB_M11_B1_G04	SB_M11_B1_G04_MF
	36733	SB_M11_B1_G05	SB_M11_B1_G05_MF
	36734	SB_M11_B1_G06	SB_M11_B1_G06_MF
	36735	SB_M11_B1_G07	SB_M11_B1_G07_MF
	36736	SB_M11_B1_G08	SB_M11_B1_G08_MF
55	36737	SB_M11_B1_G09	SB_M11_B1_G09_MF

	36738	SB_M11_B1_G10	SB_M11_B1_G10_MF	
	36739	SB_M11_B1_G11	SB_M11_B1_G11_MF	
	36740	SB_M11_B1_G12	SB_M11_B1_G12_MF	
	36741	SB_M11_B1_H01	SB_M11_B1_H01_MF	
5	36742	SB_M11_B1_H02	SB_M11_B1_H02_MF	
	36743	SB_M11_B1_H03	SB_M11_B1_H03_MF	
	36744	SB_M11_B1_H04	SB_M11_B1_H04_MF	
	36745	SB_M11_B1_H05	SB_M11_B1_H05_MF	
	36746	SB_M11_B1_H06	SB_M11_B1_H06_MF	
10	36747	SB_M11_B1_H07	SB_M11_B1_H07_MF	
	36748	SB_M11_B1_H08	SB_M11_B1_H08_MF	
	36749	SB_M11_B1_H09	SB_M11_B1_H09_MF	
	36750	SB_M11_B1_H11	SB_M11_B1_H11_MF	
	36751	SB_M11_B1_H12	SB_M11_B1_H12_MF	
15	36752	SB_M11_B2_A01	SB_M11_B2_A01_MR	
	36753	SB_M11_B2_A02	SB_M11_B2_A02_MR	
	36754	SB_M11_B2_A03	SB_M11_B2_A03_MR	
	36755	SB_M11_B2_A04	SB_M11_B2_A04_MR	
	36756	SB_M11_B2_A05	SB_M11_B2_A05_MR	
20	36757	SB_M11_B2_A06	SB_M11_B2_A06_MR	
	36758	SB_M11_B2_A07	SB_M11_B2_A07_MR	
	36759	SB_M11_B2_A08	SB_M11_B2_A08_MR	
	36760	SB_M11_B2_A09	SB_M11_B2_A09_MR	
	36761	SB_M11_B2_A10	SB_M11_B2_A10_MR	
25	36762	SB_M11_B2_A11	SB_M11_B2_A11_MR	
	36763	SB_M11_B2_A12	SB_M11_B2_A12_MR	
	36764	SB_M11_B2_B01	SB_M11_B2_B01_MR	
	36765	SB_M11_B2_B02	SB_M11_B2_B02_MR	
	36766	SB_M11_B2_B04	SB_M11_B2_B04_MR	
30	36767	SB_M11_B2_B05	SB_M11_B2_B05_MR	
	36768	SB_M11_B2_B06	SB_M11_B2_B06_MR	
	36769	SB_M11_B2_B07	SB_M11_B2_B07_MR	
	36770	SB_M11_B2_B08	SB_M11_B2_B08_MR	
	36771	SB_M11_B2_B09	SB_M11_B2_B09_MR	
35	36772	SB_M11_B2_B10	SB_M11_B2_B10_MR	
	36773	SB_M11_B2_B11	SB_M11_B2_B11_MR	
	36774	SB_M11_B2_B12	SB_M11_B2_B12_MR	
	36775	SB_M11_B2_C01	SB_M11_B2_C01_MR	
	36776	SB_M11_B2_C02	SB_M11_B2_C02_MR	
40	36777	SB_M11_B2_C03	SB_M11_B2_C03_MR	
	36778	SB_M11_B2_C04	SB_M11_B2_C04_MR	
	36779	SB_M11_B2_C05	SB_M11_B2_C05_MR	
	36780	SB_M11_B2_C06	SB_M11_B2_C06_MR	
	36781	SB_M11_B2_C07	SB_M11_B2_C07_MR	
45	36782	SB_M11_B2_C08	SB_M11_B2_C08_MR	
	36783	SB_M11_B2_C09	SB_M11_B2_C09_MR	
	36784	SB_M11_B2_C10	SB_M11_B2_C10_MR	
	36785	SB_M11_B2_C11	SB_M11_B2_C11_MR	
	36786	SB_M11_B2_C12	SB_M11_B2_C12_MR	
50	36787	SB_M11_B2_D01	SB_M11_B2_D01_MR	
	36788	SB_M11_B2_D02	SB_M11_B2_D02_MR	
	36789	SB_M11_B2_D03	SB_M11_B2_D03_MR	
	36790	SB_M11_B2_D04	SB_M11_B2_D04_MR	
	36791	SB_M11_B2_D05	SB_M11_B2_D05_MR	
55	36792	SB_M11_B2_D06	SB_M11_B2_D06_MR	

	36793	SB_M11_B2_D07	SB_M11_B2_D07_MR
	36794	SB_M11_B2_D08	SB_M11_B2_D08_MR
	36795	SB_M11_B2_D09	SB_M11_B2_D09_MR
	36796	SB_M11_B2_D10	SB_M11_B2_D10_MR
5	36797	SB_M11_B2_D12	SB_M11_B2_D12_MR
	36798	SB_M11_B2_E02	SB_M11_B2_E02_MR
	36799	SB_M11_B2_E03	SB_M11_B2_E03_MR
	36800	SB_M11_B2_E04	SB_M11_B2_E04_MR
	36801	SB_M11_B2_E05	SB_M11_B2_E05_MR
10	36802	SB_M11_B2_E06	SB_M11_B2_E06_MR
	36803	SB_M11_B2_E07	SB_M11_B2_E07_MR
	36804	SB_M11_B2_E08	SB_M11_B2_E08_MR
	36805	SB_M11_B2_E10	SB_M11_B2_E10_MR
	36806	SB_M11_B2_E11	SB_M11_B2_E11_MR
15	36807	SB_M11_B2_E12	SB_M11_B2_E12_MR
	36808	SB_M11_B2_F01	SB_M11_B2_F01_MR
	36809	SB_M11_B2_F02	SB_M11_B2_F02_MR
	36810	SB_M11_B2_F03	SB_M11_B2_F03_MR
	36811	SB_M11_B2_F04	SB_M11_B2_F04_MR
20	36812	SB_M11_B2_F05	SB_M11_B2_F05_MR
	36813	SB_M11_B2_F06	SB_M11_B2_F06_MR
	36814	SB_M11_B2_F07	SB_M11_B2_F07_MR
	36815	SB_M11_B2_F08	SB_M11_B2_F08_MR
	36816	SB_M11_B2_F09	SB_M11_B2_F09_MR
25	36817	SB_M11_B2_F10	SB_M11_B2_F10_MR
	36818	SB_M11_B2_F11	SB_M11_B2_F11_MR
	36819	SB_M11_B2_F12	SB_M11_B2_F12_MR
	36820	SB_M11_B2_G01	SB_M11_B2_G01_MR
	36821	SB_M11_B2_G02	SB_M11_B2_G02_MR
30	36822	SB_M11_B2_G03	SB_M11_B2_G03_MR
	36823	SB_M11_B2_G04	SB_M11_B2_G04_MR
	36824	SB_M11_B2_G05	SB_M11_B2_G05_MR
	36825	SB_M11_B2_G06	SB_M11_B2_G06_MR
	36826	SB_M11_B2_G07	SB_M11_B2_G07_MR
35	36827	SB_M11_B2_G08	SB_M11_B2_G08_MR
	36828	SB_M11_B2_G09	SB_M11_B2_G09_MR
	36829	SB_M11_B2_G10	SB_M11_B2_G10_MR
	36830	SB_M11_B2_G11	SB_M11_B2_G11_MR
	36831	SB_M11_B2_G12	SB_M11_B2_G12_MR
40	36832	SB_M11_B2_H01	SB_M11_B2_H01_MR
	36833	SB_M11_B2_H02	SB_M11_B2_H02_MR
	36834	SB_M11_B2_H03	SB_M11_B2_H03_MR
	36835	SB_M11_B2_H04	SB_M11_B2_H04_MR
	36836	SB_M11_B2_H05	SB_M11_B2_H05_MR
45	36837	SB_M11_B2_H06	SB_M11_B2_H06_MR
	36838	SB_M11_B2_H07	SB_M11_B2_H07_MR
	36839	SB_M11_B2_H08	SB_M11_B2_H08_MR
	36840	SB_M11_B2_H09	SB_M11_B2_H09_MR
	36841	SB_M11_B2_H10	SB_M11_B2_H10_MR
50	36842	SB_M11_B2_H11	SB_M11_B2_H11_MR
	36843	SB_M11_B2_H12	SB_M11_B2_H12_MR
	36844	SB_M12_B1_A01	SB_M12_B1_A01_MR
	36845	SB_M12_B1_A02	SB_M12_B1_A02_MR
	36846	SB_M12_B1_A03	SB_M12_B1_A03_MR
55	36847	SB_M12_B1_A05	SB_M12_B1_A05_MR

	36848	SB_M12_B1_A06	SB_M12_B1_A06_MR
	36849	SB_M12_B1_A07	SB_M12_B1_A07_MR
	36850	SB_M12_B1_A08	SB_M12_B1_A08_MR
	36851	SB_M12_B1_A09	SB_M12_B1_A09_MR
5	36852	SB_M12_B1_A10	SB_M12_B1_A10_MR
	36853	SB_M12_B1_A11	SB_M12_B1_A11_MR
	36854	SB_M12_B1_A12	SB_M12_B1_A12_MR
	36855	SB_M12_B1_B01	SB_M12_B1_B01_MR
	36856	SB_M12_B1_B02	SB_M12_B1_B02_MR
10	36857	SB_M12_B1_B03	SB_M12_B1_B03_MR
	36858	SB_M12_B1_B04	SB_M12_B1_B04_MR
	36859	SB_M12_B1_B05	SB_M12_B1_B05_MR
	36860	SB_M12_B1_B06	SB_M12_B1_B06_MR
	36861	SB_M12_B1_B07	SB_M12_B1_B07_MR
15	36862	SB_M12_B1_B08	SB_M12_B1_B08_MR
	36863	SB_M12_B1_B09	SB_M12_B1_B09_MR
	36864	SB_M12_B1_B10	SB_M12_B1_B10_MR
	36865	SB_M12_B1_B11	SB_M12_B1_B11_MR
	36866	SB_M12_B1_B12	SB_M12_B1_B12_MR
20	36867	SB_M12_B1_C01	SB_M12_B1_C01_MR
	36868	SB_M12_B1_C02	SB_M12_B1_C02_MR
	36869	SB_M12_B1_C03	SB_M12_B1_C03_MR
	36870	SB_M12_B1_C05	SB_M12_B1_C05_MR
	36871	SB_M12_B1_C06	SB_M12_B1_C06_MR
25	36872	SB_M12_B1_C08	SB_M12_B1_C08_MR
	36873	SB_M12_B1_C09	SB_M12_B1_C09_MR
	36874	SB_M12_B1_C10	SB_M12_B1_C10_MR
	36875	SB_M12_B1_C12	SB_M12_B1_C12_MR
	36876	SB_M12_B1_D01	SB_M12_B1_D01_MR
30	36877	SB_M12_B1_D02	SB_M12_B1_D02_MR
	36878	SB_M12_B1_D03	SB_M12_B1_D03_MR
	36879	SB_M12_B1_D04	SB_M12_B1_D04_MR
	36880	SB_M12_B1_D05	SB_M12_B1_D05_MR
	36881	SB_M12_B1_D06	SB_M12_B1_D06_MR
35	36882	SB_M12_B1_D07	SB_M12_B1_D07_MR
	36883	SB_M12_B1_D08	SB_M12_B1_D08_MR
	36884	SB_M12_B1_D09	SB_M12_B1_D09_MR
	36885	SB_M12_B1_D10	SB_M12_B1_D10_MR
	36886	SB_M12_B1_D11	SB_M12_B1_D11_MR
40	36887	SB_M12_B1_D12	SB_M12_B1_D12_MR
	36888	SB_M12_B1_E01	SB_M12_B1_E01_MR
	36889	SB_M12_B1_E02	SB_M12_B1_E02_MR
	36890	SB_M12_B1_E03	SB_M12_B1_E03_MR
	36891	SB_M12_B1_E04	SB_M12_B1_E04_MR
45	36892	SB_M12_B1_E05	SB_M12_B1_E05_MR
	36893	SB_M12_B1_E06	SB_M12_B1_E06_MR
	36894	SB_M12_B1_E07	SB_M12_B1_E07_MR
	36895	SB_M12_B1_E08	SB_M12_B1_E08_MR
	36896	SB_M12_B1_E09	SB_M12_B1_E09_MR
50	36897	SB_M12_B1_E10	SB_M12_B1_E10_MR
	36898	SB_M12_B1_E11	SB_M12_B1_E11_MR
	36899	SB_M12_B1_E12	SB_M12_B1_E12_MR
	36900	SB_M12_B1_F01	SB_M12_B1_F01_MR
	36901	SB_M12_B1_F02	SB_M12_B1_F02_MR
55	36902	SB_M12_B1_F03	SB_M12_B1_F03_MR

	36903	SB_M12_B1_F04	SB_M12_B1_F04_MR
	36904	SB_M12_B1_F05	SB_M12_B1_F05_MR
	36905	SB_M12_B1_F06	SB_M12_B1_F06_MR
	36906	SB_M12_B1_F07	SB_M12_B1_F07_MR
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	36908	SB_M12_B1_F09	SB_M12_B1_F09_MR
	36909	SB_M12_B1_F10	SB_M12_B1_F10_MR
	36910	SB_M12_B1_F11	SB_M12_B1_F11_MR
	36911	SB_M12_B1_F12	SB_M12_B1_F12_MR
10	36912	SB_M12_B1_G01	SB_M12_B1_G01_MR
	36913	SB_M12_B1_G02	SB_M12_B1_G02_MR
	36914	SB_M12_B1_G03	SB_M12_B1_G03_MR
	36915	SB_M12_B1_G04	SB_M12_B1_G04_MR
	36916	SB_M12_B1_G05	SB_M12_B1_G05_MR
15	36917	SB_M12_B1_G06	SB_M12_B1_G06_MR
	36918	SB_M12_B1_G07	SB_M12_B1_G07_MR
	36919	SB_M12_B1_G08	SB_M12_B1_G08_MR
	36920	SB_M12_B1_G09	SB_M12_B1_G09_MR
	36921	SB_M12_B1_G10	SB_M12_B1_G10_MR
20	36922	SB_M12_B1_G11	SB_M12_B1_G11_MR
	36923	SB_M12_B1_G12	SB_M12_B1_G12_MR
	36924	SB_M12_B1_H01	SB_M12_B1_H01_MR
	36925	SB_M12_B1_H02	SB_M12_B1_H02_MR
	36926	SB_M12_B1_H03	SB_M12_B1_H03_MR
25	36927	SB_M12_B1_H04	SB_M12_B1_H04_MR
	36928	SB_M12_B1_H05	SB_M12_B1_H05_MR
	36929	SB_M12_B1_H06	SB_M12_B1_H06_MR
	36930	SB_M12_B1_H07	SB_M12_B1_H07_MR
	36931	SB_M12_B1_H08	SB_M12_B1_H08_MR
30	36932	SB_M12_B1_H09	SB_M12_B1_H09_MR
	36933	SB_M12_B1_H10	SB_M12_B1_H10_MR
	36934	SB_M12_B1_H11	SB_M12_B1_H11_MR
	36935	SB_M12_B1_H12	SB_M12_B1_H12_MR

<110> Byrum, Joseph R.

<120> NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH PLANTS

<130> 38-21(15598)B

<160> 36935

<210> 1

<211> 147

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1

actcattagc ttatggagaa gctttttctt tttaactntc ttctcctatt agagcttata 60

gaaaagctta tccaaacaag ggccactata tattctgcaa tctggtactg tgccatatat 120

atggatggtg gntttggaca tttggat 147

<210> 2

<211> 378

<212> DNA

<213> Glycine max

<400> 2

ctttataaaa tggaagaaga caaactgatc agcaccactc tcaacacaca agcaaccacc 60

agctacctct ctctcaacag caaccacctt ctttctcacc ttcaacacac aaattttaca 120

agcaaccgtg aactgctccc tctgcacttg ggtttttaaa tcccactgaa actgacaacg 180

ccaacctcac tggcgctccc ctctcaccca aatcgccacc tcgagtggcg ccttcagct 240

aggaccctgc aactgcaggt gctgcaacct atggttgcag aagtgcaggt gctgaagtcg 300

ctggtcaaac cagcgctttc atgcaccttt ggacgcgccca ataagagctg cgatatgcag 360

tcctttgtcg ccagtcac 378

<210> 3

<211> 423

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 3

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tcacaaactn tgtggaatac tattgctact ccagaacaat gatctttagt taatctacac 120
tctagggtaa ttccatcatc taattacctt gcagacccta aaatcagaga agattgagtt 180
tgttgtagct ccatatgaag cagatgctca gttagcgtac atgtctcagc ttggagtaca 240
aaatggcgga gttgcagcgg tgatcacaga agatagtgat ctaatagcat atggctgtcc 300
agctgtaaga actcctccaa tactgtgata ttgcgcatgg aggtttactg cnnttttgat 360
atctcgattt atttacttgt tcactattca gttcataga aagcatgcat tttgggatat 420
aat 423

<210> 4
<211> 462
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 4

tcccatctgt tcttttagctg tacaaaaaca caatccctat catggattaa cacatcgaga 60
gcattttcag ccaacccaag gcaccacttc ttgcaacaca ctactggcct acacggatcg 120
aaacagtaca gcagatgaaa atgggtgggtc gcattaacct tcacaatttg gcagcacaga 180
aatcggacta ttttctcaaa cgaaccattt aatggaagca gaatgaatga ggatgcagtg 240
ttactggtct ggtcatggtt cacagagctg gagaaaagat ttacagagca ttacaactac 300
tggtccagca acctatcagt agctntctgt aactagcata gatgggaagc tattgaccaa 360
atgtaacaat gtatctagtc tggattctaa cagagggacc ttcatcccac acagtcatac 420
tcctgtattc ttagtaccac ggtacttttc tataatataa at 462

<210> 5
<211> 394
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 5

agctttccct ctttgaacaa ataccctca gccaaataga atccatcttg ggcctttttc 60
ccacaactct cataaatggg agagaaatgt tcacttaaag catacaagtc cctaataatta 120

tcaaatecta aaatttgagc tcctagggag caaaacaatg tgtgtctcct agagagggca 180
 tcagctacca catttgtttt tccctttttg tatttgataa catatggaaa ttgctctagg 240
 tactctaccc attttgcatg cctcttggtt aacttgcttt gccctctaata gtacttaagt 300
 gattgatgat cactatgaat gacaaattcc ttggaaacaa ggtgtcgcaa cctacccttc 360
 ngcgggaggg cgacgcgtga ctgcgggat gcgt 394

<210> 6
 <211> 464
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 6

ntaagaggat gcfntaatgg agganaataa agagagaagg ngggagcaca aaattgaagg 60
 aataaaatag ggagagaagt ggaacattga agtgtgtctc ataagacttt cattcatcaa 120
 agttacaaca agtgttacac atgcttctat ttatagacta ggtagcttcc ttgagaagct 180
 ttcttgagga aacttccttg agaaacttct ttgaaaaaac ttccttgaga aggtagagct 240
 tagctacaca caccatctc ataactaagc tcacctcctt gagaagtttc cataagaaga 300
 ttcctaaaga agctagagct tagctacaca tacctctcta atagctaagc tcacctcctt 360
 gagatgggaa gctagagctn tgctacacac ccnctatgat agctaagctc acccccatga 420
 caaaatacat ganaatacaa aaaagatccc tactacaaag acta 464

<210> 7
 <211> 373
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 7

agctntgaaa agtgttggtt ttcaccttct cgctaagcca atccgctggc ttagcgagcg 60
 tccgctaagc gcaacactca ttggctaagc gcaaggaaga atctggaaga aaatgagctg 120
 tacaagttcg cttagcacac tgtttcgtct cactaagcgc accgcttcag tccatcagct 180
 aagcgagaaa ggcacgcgct aagccgaaat tcactaatgt gcgctaagcg gtccagaatt 240
 gcgctaagtg cagcagcacg aacaaggcca cctatttaag cttgaaatca gattttgtga 300

agggagtttg ggctaggatt cagagctttg catgtctaga gattctagag agagaaaggt 360
ccaatttcag aga 373

<210> 8
<211> 462
<212> DNA
<213> Glycine max

<400> 8

tgaaggcaaa ctggacgttg gtcaacttgg taaccagct ggccttgaat cagaaatctg 60
tacctgtcgc aagggtttgt ggtttgtgct cctctgctga ccaccataca gacctttgcc 120
cttccatgca gcaacctgga gcaattgagc agcctgaagc ttatgctgca aatatttaca 180
atagacctcc tcaacctcag cagcaaaatc aaccacagta gagcaattat gacctttcca 240
gcaacagata caaccttggg tggaggaatc accctaacct cagatgggtcc agccctcagc 300
aacaacaaca gcagcctgct ccttccttcc aaaatgctgc tggcccaagc agaccataca 360
ttcctccacc aatccaacaa cagcaacaac ccagaaaca gccaacagct gaggccctc 420
cacaaccttc cctcgaagaa cttgtgaggc aaatgactat gc 462

<210> 9
<211> 421
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9

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taatcaataa tctatctttt acataatctt ctttcaacac ctttcaatca atctttcaat 120
atcttcttta atctctttca acattttcaa cagatctttc tgatttattt cccttcatct 180
ttctaaaagt ttttgttcaa tagtttctct tccaagaaaa gttctttggt caaaaacttc 240
agctattcat ctttttcatt ctcttctccc tttgcaaaaa gaaggaagga ctaaccgcct 300
gaattttttt gtgtctctct tctcccttac aaaagattca naggactaac cgctgatat 360
atcttttggt tccccataca aagatttaaa ggactaactg cctgagaatt ctttgtccca 420
a 421

<210> 10
 <211> 404
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 10

tatctggcct cccattaaca gtaccttcac agcaggggca ggaccatcaa cagccagccg 60
 cagatgcacc accaccgcct ctacatcagc ctccgtcctt agagtccatc tcagctcaca 120
 tgcagaggat tgagctccat atgcatgcat atatgcaaca tgtggccgac caataggcgg 180
 ccaatcatag gggataggtg cagctgaatc agagctttta ccagtacacc ctacgtcagc 240
 agagctagga tcccagccct tactcgtggc ttactccga gtagtttggg gccacagttg 300
 catggcctgg agataggccc aattttcaag tagggacaag accctcaaag gcccaggag 360
 ttgaagatgg agctcaagaa gacgacgaca tangcgatgt gatg 404

<210> 11
 <211> 284
 <212> DNA
 <213> Glycine max

<400> 11

agctttccaa gatattaagt tcttcctcag aactgtcgta agcgaagatg ccaatgtgct 60
 attaacaact ttcgtttgcc catctgcttg tgggagacat gtggctgaaa ataacaattt 120
 agtgcccaac ttgaccacac caggactacg caaatggctt atgaacttac agtccttatc 180
 actaacaatg ctgcttggtg aaccatggat gtcacaatc tccttgagga acaaattagc 240
 cacatgggaa gcatcatcta cttctttaca tggaataaaa tgag 284

<210> 12
 <211> 373
 <212> DNA
 <213> Glycine max

<400> 12

tcgatgaaga tgaaccatct aacaatgaac aaggttgat tcaccatttg gtgtgtagct 60
 actaatattt taagtccat atataaatct tctctttgag cacttcttta tagctaattg 120
 gaagtacatt ataaccacca atttgataag atattgagac ataggcaaac cactaatcca 180

atgtacatac tgcagtgcac acatgttgta tccggaaagg attcacatgc atagagacat 240
 tgtgaaccca agattcctac tatgttgtgt gcaatggaaa gagttaacaa acagtgttga 300
 aaccaccctt tgtaaatgcc tatgaagaca aacttactgt cacacctata ctaaaacacc 360
 cctaacatat act 373

<210> 13
 <211> 339
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 13

agcttgcac accctttacct tttcatttcc atcgtactct tgcttcaaaa actgcccacat 60
 cttgttggtg tttttagtgt cattattcta atcaacatag tggatgatat tgctccaaac 120
 aagattgctc ttgcctttga ctttctctat ctccctctcgn gatttttttt atttgagcaa 180
 ccgttgatta tccggtaggg gtggaacttc gtatatgtct ttaatatctt cccatagatc 240
 acaagcatca agataggggt ccgttctaata agcctagagg tggtaatggt ntccattgaa 300
 tagtgaaagc ctatgaagca cggacaccct agtccctta 339

<210> 14
 <211> 397
 <212> DNA
 <213> Glycine max

<400> 14

ttctccctat tttcctataa atagggggag aagtgatagg gaaaaatggt cagccctcct 60
 gataattcga gatcacttga aattagtga aaaaattggt tccgtgaaga aaattcaagc 120
 caaggcggtt ccgtgggtga tttcgcgaag attttcaacc gttcttcgac gttcttcggt 180
 cggtcttcgt cggtcttcag ttttcaaccg gtaagttccc gaaatcgaac ttttcaattc 240
 attctatgta cccttagtgg tcttcatttg ttttcacgcg cttttatttt cgtttcattt 300
 actttccgta cccctttttg acgtgctcta gtcatttact taagtcatgt tctcgcctta 360
 tcaaaaaata aaataaatat ccaactgatca tttgagt 397

<210> 15
 <211> 384

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 15

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gagttgggga ggattgattn tggaacttgt cgtgggtgcag aagttagttc aagtgcgaac 120
actactagaa aaagagcttt ttgcgatgca cttacgacat cggccaaca aaactgtcga 180
agtatattaa atggtgcatt tgtgtaatta caacgaaagt gtgcaccttg ccaattttat 240
ggttgacatt ggcacaactc ccttgaagggt tgttggaagg gactcgagag tgaggaaact 300
agacagcttg gggatttctc gatttccgta acatacttaa tgctctcaca acatagtgga 360
gttagggtag taaatttcac catt 384

<210> 16
<211> 243
<212> DNA
<213> Glycine max

<400> 16

cgaaccgcac cctactttat acggcgacaa acatgtggat atagacaaac atgcgctgac 60
ccgtctcagt gtcatgccta aggctagctc agcatgagtc caacttttagc tagcgcgatt 120
cataatgagt tgtgccacat ttgcctata agtaggtgag gcgatttttt tcaaccaatt 180
agactctaata ccatgggtgga tcaagttgac tcacaataat aataataatc tttttactta 240
cct 243

<210> 17
<211> 331
<212> DNA
<213> Glycine max

<400> 17

agctatatat cttttcttct tgggtctgct tgctctgtag tgctttgggt ctatgctatc 60
cttttatatt tcatactatc ttgacacat gggactaaac attgaacagg tgggaagggt 120
gtccagccaa aattccatgg tcctttaag aagaagagac tatgtatctg ctggagggaa 180
aagtgagggt tactgttgaa gggctctgtt ggtcttttga aattgggggt ggtgatttag 240

ttgtcttccc aaaaggaatg aacattactt gggaagtgat tgaaactgtg aagaagcact 300
acagcttgaa aaaataatga tgtgtactta t 331

<210> 18
<211> 443
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 18

ctnggtgttg ttcctattgt gcgagttact gaggtgcaat ttcaatttta attggataat 60
gagaaatggt agcaatatac taccgtatga cactgcatca cacactttat tatttgccac 120
aatttattgg aaatcacaaa attttgtggg ttctgttact tatttaatga acttcactcg 180
tgattttgga atttctaata aattttaacc aataataata ataataagagt gtgttactta 240
gaagggcatt gtattgctag cactcctctt gaagtatagc atacaaacat gaaaggaatt 300
ccattttaag tattatcctg taccanaacc tcactttagt cccaattttt ggaaatcaca 360
gttcttttca ctgacaaatg acttacagtt ntagttaaaa atagggatta acaagagtgg 420
agcatacaag accaggaggg act 443

<210> 19
<211> 396
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 19

agcttttagct ggactaaaaa acattataat cccttcaata gtaggatgag agtatgcctc 60
tcttagtatt tctttcaagt attgtgccta ctctagaaac aagaataaga gaaaattaaa 120
gggaatgcag ttagtcacat gatataattga gatttgtttt ttttttcttt ttttgtaatt 180
gataaaaaag acaaaattgg tgtcttttgc attaaggggc ctttcagaag aacttgtgaa 240
aataaattga tcagtttaat ttccttatac ttcaagtga aagattttta tactatgaac 300
taaccaaaaa tcatcctatg attnttaata taattattat aaaattacca tacatcataa 360
tttgagaatg tagaanacat aaacaacgtt tacact 396

<210> 20

<211> 459
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 20

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 acccttaaaa caaaaatggc atacaacctc ctccaataaa taaaaacatc aatgtaaatt 120
 tagagcaagc ttatgcgcat attttcttac gaacattcac tcgcacaaga tattcttcta 180
 actaagaaaa atgcacccat gcacaatcaa ggcactttcg ttacctacat tatttgtatg 240
 tacttccaag gtgtactacc tacaccacat gcatttcctt ggctaaattt acatacatgc 300
 atgctcaaag cctcttggct accaaaagtt gcacacatgc aaactttatg atgaatcttg 360
 gctatctaca caataagggtg ctacacttca tgctttatat caagtgtttt actaccagaa 420
 gccgcatgcg aatgtcagta tattttcttt tgccgacta 459

<210> 21
 <211> 328
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 21

agcttctccc ccaattttct ataaataggg ggagaagtgt agtagaaaag ggttcagtcc 60
 cttaggcact tctctctctt tcgaatttgc ttaggaaaat tgtttccgtg aagaaaatcc 120
 aagccgaggc gtttccgtaa cgtttccgtg agtgattttg cgaagggttt cgaccgttct 180
 tcgacgntct tcattcggtc ttcacgntc ttcagtcttc aacgggtaag tacctcatc 240
 caagcttttc aattcattct atatacccg nnggggccac attatgggtc atgtattatt 300
 attctcgntt catttactct ttataccc 328

<210> 22
 <211> 391
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 22

ggctctanat ntacattgat gtttgtattt atgggaggag gttatatgcc atttttgctt 60

taagagtaac gtccactgg taaaactaac ttccaaatg ttgccttcg caggaatggc 120
 cccgaggaag cttgcctcaa agaggccag gaaggacaag gcggccgaag gaactagtgc 180
 cgccccggag tacgacagtc accgctttag gagcggtgta caccagcagc gcttcgaagc 240
 catcaagga tggtcgtttc tccgggagcg acgcgtccag ctcatggacg acgagtatac 300
 tgatttccag gaggaatatag ggccggcg gtgggcacca ttggttactc ccatggccaa 360
 gttgatcca gaaatagtc ttgagtttta t 391

<210> 23
 <211> 352
 <212> DNA
 <213> Glycine max

<400> 23

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 accttatgaa aaagtatgga agatagtaga agagtgtaga gactcctaga atgtgtggag 120
 tattctagag aattagtctc catcctagga tacaagtaat ctccactatt tattgtggag 180
 gtggagtagt ataaataaag gtaggatcct tcattcctaa aaaatctaag tagagagtct 240
 ctctgagaga gaagataaat agctttggaa gtctctatcc tcaaacataa gtaagcctct 300
 ctgagagaga agataaatag cttgggaagt ctctatctc aagcttgagt ga 352

<210> 24
 <211> 438
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 24

ggcacactct ntgattatct tggcttacca agtggttatt acacaatagt gaaatgcact 60
 tattccatt ctcccgcctc aaccactgaa tcgaattatc tccagccacc caactacacc 120
 caaaatagag gttcagaaag gaagcaaact aacactgccataaataccca gttccaggtt 180
 ttaggtggga attatactat tatcaaaacg ggttctacaa cctcttatag aagcataact 240
 cttgcaaca cttttaatag taaaaaagaa aaaaaaact ttacgtcaca gaactcacta 300
 ccaagtga aaaccaccaac attgtcggtt tgtactctgc agtctgcacg tgtttcata 360

aacagaaaca cattgatttt aaattaatta atcgattaat actaccatca agtagtacca 420
cccctatatt ctttctta 438

<210> 25
<211> 104
<212> DNA
<213> Glycine max

<400> 25

ccacattatt tccatgacac aaattgcaaa atgatgattt ggaaacttca tgcaaaactg 60
gtcatgcatg cacctatgca gacactcaag tgtcaaattt ttat 104

<210> 26
<211> 386
<212> DNA
<213> Glycine max

<400> 26

tgtctcagcg tttatgcgag acagagacca acatgttagc tatcatcgcc aagtaccaag 60
aagagttagg tctagccacg gccacgagc atagaatcac ggatgagtat gctcaagtgt 120
atgcggaaaa agaggctaga ggaagggtga tcgactcttt acaccaagag gcaaccatgt 180
ggatggatcg gtttgccttt accttgaacg ggagtcaaga acttccccga ttgttagcca 240
aggccaaggc gatggcagac acctactccg cccccgaaga gattcatggg cttctcggct 300
attgtcagca tatgatagac ttaatggccc acataattag aaatcgttag gaaaattgta 360
tggtctctca gaccttgact ggatac 386

<210> 27
<211> 379
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 27

agcttctccc ccaattntct ataaataggt ggagaagtga agtgaanaag ggttcagccc 60
cttaagcact tctctctctt tcgaatttgc ttggaaaaat tgtttccgtg aagaaaatcc 120
aagccgaggc gtttccgaaa cgtttccgta acgtttccgt gaggaatttc gcgaaggttt 180
cgaccgttct tcgacgttct tcattcgttc ttcacgttcc ttcatcttcc aacgggtaag 240

tacctcgaac caagcttttc gattcattct atgtacctgt ggtgggtccac attgtgggttc 300
gtggattttt attctcgntt catttacttt ctataccccc ttttgacgtg gcttaagcca 360
tttatttaag tcatttctc 379

<210> 28
<211> 395
<212> DNA
<213> Glycine max

<400> 28

ttggatgcct ataagattat taaggctgaa gtcgagaaac tatgtggata gcaaattaag 60
atcgtgagat ctgattgagg tggagagtac tatggtagat acacggagaa tggacaagca 120
cctagtctgt ttgcgaagtt tgttcaggaa catgggatta ttgccagta cactatgctt 180
ggttctccgg atcagaatga tgtggcagaa agaagaaacc gaactttaat ggacatgata 240
aaaagtatga gaagtaataa aaaacttcct caattcttgt ggattgaagc attaaagacg 300
gttgatatata tattaaaccg ggttccaacc aaggctgtct taaagacacc tttctagtta 360
ttcaaagggtt ggaaaccgag ttgcgacat atatg 395

<210> 29
<211> 408
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 29

agcttanagg agcactcana tcgggtgtat ttaaccccat ggcctagact ccgaagagtc 60
cgtcagggcc tctccctcct gattcaggtc caaccanana aacattntag cacacagact 120
ntatctatga actgtacaaa atacacgact cctcaattgt tctcaaaata attttatcta 180
atcgcgcttg tgattaaact cgtcagggtcc caacagtggg tcccatcata atactcgcca 240
cgcattaact cgtcgccctt agattcatag ttcacaaatc agggcacaca acatctcaat 300
gcacatatat attacaagtc aatacatact caatttatca catacatttg gtctcaatca 360
cagtggtata atctcaattt aacatgttat cacacctcat gaatcata 408

<210> 30

<211> 443
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 30

ntaactnttc aatctctctg canataaata acaagattac ttatatatca tattgagatg 60
 agtctgatat ctcaagatta catttgaata aaatcatgag gttgaattaa ttgaaataact 120
 ttaagggttat agcaaaaaag gtttcagcta aaacaaatgc aaggcagcgt aagaaataaa 180
 ttactacatt agcaataacg cttaaataatc tacataaaca gaatattcca taaagattat 240
 atttaagccc catgctgaga tgcaagtaat atgctgtttc atatttatca aaatatagga 300
 atggaaatga tgcaggaggc ccacagaatt aagtcataaa cctgaactca actacatctg 360
 tgcatacaca taaaccanac cctaccattn taattntaca cctccccan acccacaatg 420
 aatatggcct aaggaatata tcg 443

<210> 31
 <211> 398
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 31

agctttcgta catcggttctt ctgaaactag tccaactttt cctacattgc ttttaaccag 60
 tattcattag acatagecgtc atctatgtac tttggcttga tctcgaaaag caaagttcta 120
 tgcttgaaaag agttccttgt caggactttg tccttaggat caccaatgat ctgggactct 180
 agatgatctt tttgtagcaa tcatccagtt ggttctctga cttatagagg ttgatcatcc 240
 actggtgagt tggacgcata ttggtcttga ctggacctag caacatattt cagcatattn 300
 tctactttca tctcagtaga agactcatct agctccaaca ttgtagtggt aggcttattg 360
 tcattaagtc ttacgtgaat ggctctctcc acagtcac 398

<210> 32
 <211> 458
 <212> DNA
 <213> Glycine max

<400> 32

tcaccttgtg cgctcctca tagttgttgc atgagacaac atgctctatt ttcattctccc 60
 actccaagta ggctccgga tcattctttc ctttaaaggg aggaatgttg agtttaatac 120
 catcaattcg gctttgacta ggaacaccat cattccctct tctcctcctt tcttcttcat 180
 tatgatctct attctccatt tgatccaacc tctcatggag cacatcatct cattgtttca 240
 ttaacctctc caaatgatgc atcacagctt gcatttggaa ttgcgaaagc cccactccat 300
 cattaggatt tggctctgcc atctcataca aacacatcag acgtatcaag acaattatag 360
 ttgctgtttg aatacctcac tcaactcaagt gtatcacaca attatggttt ttctctaattg 420
 aaacactctt gccttctacc actctaattc cacttgag 458

<210> 33
 <211> 382
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 33

agctttgata taatgctttc tttgtattta taggtataga ggatctagcc acttgagagt 60
 gtcttgcccc gactcagtac aatgcattat attagcgga catagctttg gtctacattg 120
 aattagtata tatagctaca ccttattcaa tccaagaatg gaaaaagga agcagtgggt 180
 aagaatgatc atgggtcaag cttgagtcaa gtaatctgat accaaaccga atgaaaatgg 240
 ttaggttgag tgtgttaaatt gtgactgtct caaccacaac taatcacaag tgggatgtgc 300
 ctaagtcacg tcattatatt aaagattctg tgaatgaagg aagaaaaaac acacanaaat 360
 aggggtagag tagggaaaag gt 382

<210> 34
 <211> 460
 <212> DNA
 <213> Glycine max

<400> 34

cctgagtga acaatgagac tcttcacagt taaatttgaa tttcgacgtt catggacact 60
 ggtaatcgat taccaaaaca ttggaatcga ttatagcctt ttgaatatat tgggaacgtt 120
 gtaaattcag ttgaaaact ttttcaaact cttttagcta ctgagaatcg attacaacaa 180
 tatgaggatc gattaccaga gagtaaaagc tcttttgtaa agattttgtc aaaaactcac 240

gagctataca acgttgagaa aaaacctttt taatacttat attgatagag tgtttgatac 300
 attctcaaat gttgaatggt gaatcttgat cttgattctt gagaactcga gtattgagtc 360
 ttgattatta accttgatgc ttgatgattg acatcatgaa tcgtgaatct tgatacttat 420
 ctgaaggctt tcttcttgag tcttgaattc ttgattcttg 460

<210> 35
 <211> 320
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 35

agcttgtaga gcttgagttc taagaatgag ctgagttatt ttgaacccat tntgctgttt 60
 atttttccta aaatggatta tgaatatagc ttggatacta tggaaacaaa aaatgagtat 120
 tctgatgaag gtgaagtagt accgggttta tccattaatc cggttagttt ttgcgcaaac 180
 attgttccaa tgattaatgg taaatatggt ttgcattacc aaagtgaatg caattctaca 240
 aagaattgca gtcctattgg ggggatgcc accaattgcc ttatattgtg tctttgaaag 300
 aactggtttg ttagatgtaa 320

<210> 36
 <211> 368
 <212> DNA
 <213> Glycine max
 <400> 36

tcacattcac tatcctctac atcatattca aacttgacca aataaatagt acagtcattc 60
 cgactcaaag aaggacatct aagtctcata caattaatat agaacctata tcctaattgc 120
 acatcctatc aaagcgtggc gctaccgcgt cctctagctt gaggtctctc atagtcattc 180
 acctattcat ctgctacccc gaacacagag cttgagatca tcacaggatg cgaacacaaa 240
 cagcacaccg ggagtggatg atcacacttt taactactat agagaaacaa cacaacatat 300
 atgagccgaa gacgatttac ttaccatata tcacattatt tcatgacttt gtccttcac 360
 gatcacac 368

<210> 37

<211> 414
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 37

agcttatcat ctatttatac tacacatagc aatgaatact tattctggat cactgcttaa 60
 tgaaattaag gatctgttta ttttacattg taaacaggca aatgtattaa ttttaagattt 120
 gtatctaaat tgttctcaac tatatataat tatatacatt ngatattaaca tgtataattc 180
 tagcatacag gcagttttta gaaatatacc atgtgactcg atcatgtgta tgtttgagtt 240
 gataatcttc ttggaggagt gttaagattc aacacatttg tattaatatg atgtgagagt 300
 caciaattnt tatcattttc aatatatttc aatcaataac aaagaatata tttaaagaga 360
 ctcaacaaat atgtctctac tgtttctcac attattaata taatcaattg cttg 414

<210> 38
 <211> 288
 <212> DNA
 <213> Glycine max

<400> 38

gttccaaaga ggtcttcggc attacattca aactcgatcc attgtcgata agtacatttg 60
 cgaccacgtg tgccgtacat atcaccgacg catgtacagc cttgatgtgc cctctcctct 120
 caacgggaat aacttcttgc acgaacgcga tataattgcc gatggctata tgattggcta 180
 tgccgatcag aacgatgcgt gagatataat gagctacact gtcatggaca tgatccataa 240
 tctgagacgc actgatacac tccctcaatt cttgtggatt gaagcatt 288

<210> 39
 <211> 317
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 39

agcttgtcac tgtggaatta accaagtctc tgagggacgc gttcaaggat aattcgaaat 60
 catatgccat agcgatctct tcaactctgac catcaataat tactaccatg gtttctatct 120
 ccaagatgtc aaccagaact gctacctttt gcctgagctt gaaggacgta tatgacactg 180

aatacaccaa taagtaatta atactacaat ctaatagctt aataacttaac agttgacaca 240
aatattaatt ntcattacct taatgttctg aagtgcacgt ctaaagtttt gtgcataaca 300
gtatcgccac taaaacc 317

<210> 40
<211> 435
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 40

cactatctat acttagcttg caatctatgt gcaccagata gctaatagac ttttgtattc 60
ttncgttatg agtatgatat ctcaagatta catttgattc acctcgtgat gctgcataaa 120
ttgagtatac ttcacgcacg ttgcaaatat aggttttagct taaactgatg cgctgcaccg 180
caggaaatag agtactacat tagcagtaac gcttaaatat ctacattatc agaataattcc 240
ataaagatta tattttaatcc ccatgctgat atgccagtaa tatgcctgct catattgatc 300
acaatatatg aagggatatg atgcacgatg cccacagaat taaatcatag acctgaactc 360
aactacatct gtgcatacac ataaacaaa tcttaccatt gtaattttac acctcccca 420
aaccacaat gaata 435

<210> 41
<211> 285
<212> DNA
<213> Glycine max

<400> 41

agctatatat aagctcttct ttcacgat gctccgaaaa tttaacttct tgttgatgata 60
attagggggg agcagtttat aactggattt gtatctgaca gagagaaatc ttaacacaag 120
tcactctgac actcttattg tataacaaat taaggccact gagttgagtc cagctatcca 180
aaagctgtag gaataaaaaa tctattaaga gcaaacacac acctcgacct gtgttatgca 240
agtaaattggt aatgtaagcg actacgcagt agtacgggtt ggtag 285

<210> 42
<211> 452
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 42

ttgatgatag anattaattg aatgatttat tattaattct tcttaatggt tggacaatat 60
 ttccaatatt agaaattaca aactcaaaag aaaccaataa ataaattcct agtaacaaaa 120
 cttgtttttt ataatttcat atttatcaat atttattata taaataataa taaattataa 180
 ttaaaaaatg aataagtatt atgttagata tttttataat aatataagat aatatctaatt 240
 attaaaaaat atctatcaat gagatcggtc acttgtgtta gctaacttac atgaaaagtc 300
 aatgagatct gttacttgtg ttgcattggt gtagacgaaa cttgaacatc attagcaatt 360
 atcaagggtc tcctatcatc acataaagta tgggtttgat acttaacaat aagcagacca 420
 tcacagaaag gatatgatag cactctgact at 452

<210> 43
 <211> 335
 <212> DNA
 <213> Glycine max

<400> 43
 agcttctact tatgtggcag ggcggttctt ctacacctt ttgtctccaa cggaacttt 60
 gaccattatt ctctcttccc gcgatgttct tttcatgtc cgctgagtg ggcttatagc 120
 ctaaaccata ctctccacga tttcttggg tatttatcag gctagttatg cgcctcggtg 180
 tttttcctaa acccatcccg ggttcataac cggtcccaaa cataactcgg gccatcatta 240
 tcgctgcacg ggacagacaa ggcttgccaa agaggaggag cagggaggaa atgctgacca 300
 cctcaaaaga ctggaaagca gtttctaacy attct 335

<210> 44
 <211> 434
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 44

tgctcanag agatccaaga aggataaagc agctgaagga actagttccg ctctgaata 60
 tgacagccat cgtttttagga gtgctgagca ccagcagcgc ttcgaggcca ttaagggatg 120
 gtcatttctc cgggagcgcg gcgtccagat caggagcgcg gaggataccg acttccagga 180

ggagatagtt cgccggcggt gggcatcgct ggttaccccc atggccaagt tcgaccaga 240
catagtcctt gagttttatg ccaatgcttg gcctacagtg gaggggtgtat gagatatgcg 300
atcctgggtg aggggggttag tggatcccat tcgatgcgga tgctctcagc cagttcttgg 360
gatatccttt agtgctggag gagggccagg agtgcaagta tggccaaagg aggaacccgg 420
ccgatggggtt tgat 434

<210> 45
<211> 408
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 45

agctntntgg agtagaaaca tgggaccaac tcattttatt tcaaaaagga agtcatatct 60
agtcaaggtc tgagagacca tacaagtttc ctaacgattt ctaattatgt gggccattaa 120
gtctatcata tgctgacaat agccgagaag cccatgaatc tcttcggtgg cggagtaagt 180
gtctgccatc gctttggcct tggctaacaa tcggtgaagt tcttgactcc cattcaagg 240
aagagcaaac cgatccatcc acatgggtgc ctcttggtgt acagagtcga tcaccctctc 300
tctagcctct ttttccgctg atacttgagc atagtcgccc gcaatcctat gctcgtgggc 360
cgaggctaga cctaactctt tcttgcgatg atagctagca tgggtggct 408

<210> 46
<211> 74
<212> DNA
<213> Glycine max

<400> 46

tctcaaggaa gttttctcaa gagagcttct caaggaagct acctagtcta taaatagaag 60
catgtgtaac actt 74

<210> 47
<211> 358
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 47

agcttgaagc atctcatcat aggagatgat gatcacaaag aagcanagaa gggtagtagt 60
aataataata gtaataataa taatagtgat catgagagag gtggcaaagg aggatcaagg 120
aactcacttg gtgaacactt cacagaggaa gagaagcagc ataatcttca gctgggttagg 180
atgcaacaga ataaggacaa cctccaaggc ttgaagttga agaagttggt gcgtcggttac 240
gccaaagttt tggngcattt gatgaangct aagcgtgatc ctcatctang tggatgatgct 300
gggaaaaaac ctgtnttcaa gttatcagcc tagccaggga aaattttgga gttttact 358

<210> 48
<211> 407
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 48

tgcatttcac gagcatcact cttnttcctt cctcttcttg ttgtgacatt ntcctattga 60
gaatggaaaa ttatttccat accttcaa attgcaaagaa atgtatccca aaaatgctac 120
tctaaaatag gaagagagtt tgctctttgg ttttctgctg gtccattaat atactaaatt 180
agaagtcatt aaacaagctt tttcaactct cataattgtg gcatttacta ttgaaggtag 240
gggaatgatc ttaaacggat tgaaaatatt aagcaaggaa aattactgca gaaattctta 300
acaaatgaaa tcagaagtca ctttctctag acgctgaaga agagcgggtn tgaattggcg 360
aacaccacgc ccacttgatt gcggatctag tctgtgagct agttcaa 407

<210> 49
<211> 420
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 49

agctntaaga cactagtctt cggccaactn tgttttaaca ccaaggcaat taccatgggt 60
gctcataaat ccatatttac agaacaaaat tngggcatgg ngctcaatac aaatcanaaa 120
gaggttctaa atatgtatta gactaacaac ggcattccat tagacaaaga gagacttagt 180
tctctaagaa tcaaattcgc atgcaaattg aaaattatag gatttggaat atcatcacct 240
tttccacact atctttactc ttcaaaaccg aanatgattc caactcttct cttttcctta 300

gagagaaata catgaagaaa ggatggatga agattattcc tgcacccaaa cggagattct 360
aggagcttan naattcactc tttatnatat canaatacaa ggaatcttan aaattactac 420

<210> 50
<211> 423
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 50

tcatgtttta tcatacattc aatcttatta tagcaganaa ctcaaataaa aattctatta 60
aaaggtagca ctctgtggcat gagtcccttat aaatatctac tacaaaagtt ttaaataactc 120
tgtccatgag gaaagcagtc cagtatcttc caatactcta tccattgatc catatttgac 180
cttttcccat accctccata tccaatgcc aatgggtcctc tccttcggga gcatcaaaat 240
aagtctgcgc agtttacgga ttgacttcac cagttntcaa cctagtggta tttttttcag 300
tctaagttag gacattacta tgcaagatga ccttggtgcca tgtcaatggg tgagttcttt 360
gaacaactat tgctgactgc accacgcaac actatagata tcatttggag aggcaacatt 420
cat 423

<210> 51
<211> 401
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 51

agcttgcttc tacaatagtt tctctttacc tcatctgaag agttacgaag gttccataga 60
agaagaaagt ggctccaatt gcagaagaac cataaggctc tcggttacat tattcattag 120
tcttgctcgt gattgattga tgtaaagatc ttgcaataat cgtcgaanaa caagtagatt 180
aggagccata tacggattaa ggtatttcac ctaatcttta ataatgaggc atgttgtaaa 240
tcctagggct tttggtagat tgttctaggt tacgcacatg ttgaattnta gcttcgcacat 300
aaagaataaa gaatacggat canaagttaa aattctaaca actataagat gaacatcagt 360
tgccaaattc tttgcacatg cattggatnt aaagaacaaa t 401

<210> 52
 <211> 464
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 52

tagactaagt tcagcctacc atcctcagac tgatggccaa actgaacgga ccatttagtc 60
 attggaggac cttttgaagg cgtgtgtcct agagcaaaaa ggaagttggg agagttttct 120
 tccattaata gagttcactt ataacaacaa ttttactctt acgattcata tggctcctta 180
 tgaagctttg tatggtagaa ggtgtaggac acccctatgt tggttaaagc ccggagaagg 240
 ccttacctta ggaccggaag tggtaacaac aaccaccgag aaagtcaagt taatccagga 300
 aaggatgagg actgctcaga gtangcaaaa aagttatcat gataagagga ggaaagatct 360
 gaaatttgag gttggtgatc atgtattcct gagaatcact ccgtggactg gggttggtcg 420
 agcattgaaa tcccgaagc tcacacctca ctttatcgat cctt 464

<210> 53
 <211> 342
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 53

agcttttagga taactttata tttgnggaat gacagtagac ccacaattgt atttcatcca 60
 cagaactcta acccacaatt gtatttcac cacagaactc taaccacaaa catactagga 120
 tcttcaatca tatatcatcc caacatgaat aaataagact gattaagagt cctcaagctc 180
 ttaaatccaa gcccccttg atctttggat ttacaaatca tctaagaaat aagatgaggt 240
 gttctgttat ttgcatcact tcctgagata aagtctctgc agaagctttc aatctcatta 300
 cgaatagcaa tcgtaataaa ggttgcttca agaacataag ta 342

<210> 54
 <211> 460
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 54

ntntattgat tnnttttatg tcttgaccaa gaattagaga ctaattcttt gaaatattga 60
 gatttattta aaagataata tctcccaaaa aaatggtatt atattcaaac tgattaatat 120
 gaacatgaaa aataaacaaa acgccttata aaatttagat ttaggaaatt atttttaatt 180
 actttaggaa atgttattga tgtcacattc aaaaagtatg tgaaaggatg agtgataaat 240
 cataaaattt ggctgctata agttatatcg ataagattaa atttaatttt taactcaaga 300
 attaaggaaa gctttcataa aaagagaaaa atcaaatttt catttgacat gataatgggt 360
 agagcctaaa aataaaatat aaattaaaaa tatacatatc aaaatacatc taaattaatt 420
 aaataaaaag tactaaattc attggaaact agaaaatgga 460

<210> 55
 <211> 371
 <212> DNA
 <213> Glycine max

<400> 55

agcttgtaca ctacaacacc aacaaagtcc aagaatccct ccataacaat gatgctcaat 60
 accaacacgc tctttcccac cttctctctg tctctcaggt atatttgcaa ttcattgcata 120
 ttgatatgct catatgcaaa aactagtgtc aaattttatt cttgcgtatg gtgtttgttt 180
 atttatgca tagtttgtca atcttcctta aaactttatt ttaatatataa tgggtatgtat 240
 tgaatgtttt taatgggtga gataggtagc actgacacag aagtgtgaa tttattggca 300
 gttgaaagga gaagagatac ttgagcaatt cgaagcttct agttcttctg agccgggtcgc 360
 ttctataact c 371

<210> 56
 <211> 459
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 56

ntgaaccatc cgtcccatag gagcccaact ntgcaggatg aaggggtcaa acaaaatttt 60
 gatgaagcta caaaggagaa ctttggtata ggaatgggct taattgtaga aaccatcacg 120
 gggagatcct aggggttgcc atgagcatgg tgaaccattg ttatcgaaca cacatggcat 180
 aagctgtagc tttcaaattg gccttaaaga tagctaagga cctctttttt tttttttttt 240

ttgacattgt catggaaaca gattgcttga agattgttta gacttggcac aacacaagga 300
 agttttcaac ttcctatattt gaaggcatcc ttgatgattg tagagagctg cagagtagag 360
 gttttcatatc gttcaaaatg tcttttgtaa agcatacagg aaacaaagta tatggttcgt 420
 tagtgaattt agctcttggt tttagggAAC gttattgga 459

<210> 57
 <211> 423
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 57

agcttctaca ggtggtcagt aagaggaata gtgtaaggaa ttatggaaga ttaaaattcc 60
 tagcaaaata acagtttttg cttgggtggct aataaaggac agactaccaa caaggatgca 120
 tctgcatagg agacaagtgc aactgcagga tctacgctgt cctttnttca gagaagctga 180
 agaggagtca tctcatttgt tcttccattg cgtcttcac ccaaccaattt ggtgggaatc 240
 gatgtcttgg ttgaatttac aaagtgcctt tcctcttggg cctaaacaaa attttctaca 300
 gcatattttc atccaagcag aagggttaag gattaagaga tggagatact ggtggatggc 360
 agtaacttgg gccatttggg aattcagaaa cataattctg ttttcaaag cagaatttga 420
 tgc 423

<210> 58
 <211> 467
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 58

ttntgtgtag tagtgataac aagttcgtaa ttggtgacaa agagagggaa atcaaggaaa 60
 gcactaacat ggaaaatgaa gtttgccaac gtgatgaata aatgatctag agcaaaaagg 120
 cactgaaggt aaacgacatg gccattcaa agaaggaaca taagtaggtg ctatcactag 180
 tgcaaaaaat gcatattaga tcaacttttt ggatcagctg tatgagcact gatttttttt 240
 aagaaatgca ataacaattt tgtaaagaa aagaatgaaa tcggtctaaa aaatactacc 300
 ttttggactc atgggttggg ttgtaagaaa tttttgcac gtattagaaa catgagtcac 360

attaaaacaa atgttgaatc gttntanaac aaatttacta tggaattntg tagcacatga 420
 ttaacctang tcacactcag aaatatgatt caatatgacc cctacat 467

<210> 59
 <211> 361
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 59

agcttccttg ataagctaga gcttagctac acacacccat ctaanaacta agctcacctc 60
 cttgacaaaa tacatgagaa tacaaaaaaaa aagtccctac tacaaagact actcaaaatg 120
 ccctgaaata caaggctaaa accccatact aatagaatgg ccaaaataca aggcccaaaa 180
 gaaggaaaaa cctattctaa tatttacaaa gaagagtggg tccaaccttg acccatgggc 240
 tcaaaaatct accctaaggt tcatgagaac cctagggcct tctttagtag ctctagccca 300
 agcctcttga agtcttctat ccaataccct tgnngggtag gattgcatca ttctgcatat 360
 g 361

<210> 60
 <211> 450
 <212> DNA
 <213> Glycine max

<400> 60

tggatttcct tttagtaggg aatctatcct tcctaagata gagccaaacc tagtcaccct 60
 cattaagaac tagctctttt cttcctctat tgcctttagt tgaatacacc tttgtttgat 120
 tctctatttg gttcttaacc ctctcatgca tcttctttac aaattctgac ctagattccc 180
 cttctttatg tataaaagaa gtgtccagtg ggaggggaat gaggtctaac ggtgttaggg 240
 gattgaaccc atagacaacc tcaaaagggg actgcttggt ggttctatga acccccctgt 300
 tgtaggcaaa ttctacatga ggaagatact catcccaaga cttatgggtg ctttcagaa 360
 gagcccttaa gaggggtggat aaagacctat tcactacctc tgtttgccca tcagtttgtg 420
 gatgacatgt ggtagagaac agaagtttag 450

<210> 61

<211> 247
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 61

agctttgtga atctcctgat ctagcgccac ccgatgatac tcaaccattc gaagntgaat 60
 gtgatgctag tggaattggc attggagctg tcttgataca caacataatg cctatagctt 120
 atttctcgga gaaagtggga agagccttgc tgaattattg cacctatgac atagagatct 180
 atgccattgc gagagctctt gatcattgga atcattatct tgcggcta at cactttatat 240
 tggattc 247

<210> 62
 <211> 442
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 62

taccatcctc agactgaggg ccgagatgac atgaccatct agccactgca cgacctttag 60
 aacgcgcgtg tcttatagcc tataggaggc tgagagagga ttcttccatt aatagagtgt 120
 acttataaca acaattctca ctctacgatt catatggctc cttatgaagc tttgtatggt 180
 agaaggtgta ggacacccct atgttggata aagcccggag aaggccttac cttacgaccg 240
 gaagtggtag aacaaaccac cgagaaagtc aagttaatcc aggacaggat gatgactgct 300
 catagtaggc aaaaaagtta tcatgataag aggaggaaag atctgaaatt tgagggtggt 360
 gatcatgtat tcttgagaat cactccgtgg actgggggtg gtcgagcatn gaaatcccga 420
 aagctacacc ttactttatc ga 442

<210> 63
 <211> 371
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 63

agcttatcga gaaaagaaat tgtagaatgt ttgtaaaca cattgttaag ttcaactaaa 60
 accctttgta gagcattatt cccaagtgt gtaagaccaa ctgtaaaaga aaaaaatta 120

aacacttgac aatggatgca tgcactacta tcactatacc agctagcttc attcgtctct 180
 ttcaagcatc tatagcaatt ctttgcaata naatcttgaa actaacactt ggacagctag 240
 atctaaccgt tgttgctgga gtgtgaccaa attaatgggt atatttatta tgaataattg 300
 aatattanaa tactcttggc agtgcatacc tacanagctc acttgtggga caaaacatta 360
 cgggtcttaa t 371

<210> 64
 <211> 442
 <212> DNA
 <213> Glycine max

<400> 64

gtgcttccac aaaatagtct cggccgaaag acgctgacat cttccgaaa ggtgcagatg 60
 accacattgg tctctgctg tcatcggact tggggtctcc gaataacgag gtgcggataa 120
 ccgtaaagtg ctctgcatgc catcgaactc ttgggtcgtt ggatagcaag aaggtgacac 180
 taaatagtct cagtcggaag acgctcacag ctccaggaag agtgcagatt accacattgg 240
 tctctacgtg tcattggact tggggtgtcc gaatgatgag gtgctaataa ccgtaagggtg 300
 tctccgatt ccaccggact cttgggccgc tggatagcaa aattgtgaga caaaaattgt 360
 etcgaccgga agatgctgac atctctgtca aggggtgcaga tgaccacatt ggtctccatg 420
 tttcatcaga cttgggatct cc 442

<210> 65
 <211> 376
 <212> DNA
 <213> Glycine max

<400> 65

aaaattacta catatcatcg tatgcttata cctacacgca tttttgcaac ctccaattgg 60
 ctctatagcg gaggtacaaa aactgcatca cgatcagctc actatacgaa aactataatt 120
 caactcaatc ctcgccaatg tgtatggatg atctacgcag gagcatgaaa cagacctcaa 180
 cacacttgca tgatacttag agaacagtgt gttgcgcaaa aagtctgcgc tatacttgcg 240
 ccttaaccac aaggcgctat atccactgaa cctgtactgg ttagaccacc acctacggct 300
 cgtagctcac acaactttag agcacctatg ttgagtccta tccaccata acgcacgctt 360

aagaatatct taagcc

376

<210> 66
<211> 370
<212> DNA
<213> Glycine max

<400> 66

tgcaggatga ttgggtttta ctttatgctg atgacgctac acaggatagc tttggtataa 60
gactgggctt acttgtacaa accatcgcg gagatccta tgggttgcca tgagcatggt 120
gaaccattga tatcgaacac acatggcata agctgtagct gtcacatggg ctttatagat 180
agctagcgac ctcttttttt ttttttttt tgacacttgc ttggaaacgt atcgcttgaa 240
cattgttttag acttggcaca acactaggaa gctttgacct tcctattgtg aaagcctcct 300
tgacgattgt tgacagctgc acagtataag aattcatacg ctcaataagt gttttgctca 360
gcatacagga 370

<210> 67
<211> 378
<212> DNA
<213> Glycine max

<400> 67

agcttgggca tagcaaatga gaaaaatgag tgacaaatgt gaaagcaaga gtcatttcta 60
gggttaaattg ggtgttgagg ggtcaaactt tgaatcggtg gagttttcgc cttacaatca 120
ctttgagcaa gtctaaatta atgttatata ctggtttgag atgagaattt actccaaaat 180
taccaccattc tcattttcac ttctcaaacc ttgaaaattc actcaattaa tgggttttgg 240
atacctagat ttggatttac cttgatctga agctgggttt tgcgttaaat acaatttata 300
catgatttac gacttgtagg atccaatttg agcaaaaatg gatgtgggca agaattgatt 360
cgaaatctgc cctattat 378

<210> 68
<211> 296
<212> DNA
<213> Glycine max

<400> 68

ttatgttggg gccacatgg atggtgcatg aatgtataat cattatcgct atatgcatga 60
cctggaaatg atttggggca ttcccttatt cctgaaccac ctgtgaaaca gacagcccga 120
catacatcat gtctcgccac ttggaggcct tttgagccaa acattaactt ttggccataa 180
ccttggccta agatggaaat ttccaacctt accctccgaa gagagaacaa acgaatcttc 240
ccaaacgaag cttctttttac cttgagttat aagtgtcgag ccagacaacc gattag 296

<210> 69
<211> 365
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 69

atctntatgt tngngcaacac tgaaatacag actaaaaaag caaataaaaa aatatgctaa 60
aggcgactga agcaaaaaga gacaaaagtc ctccaaatth tacaaggaag gcatagaagt 120
gtaatgagga ttaatgtata agacaaatgg agtagagccc agcccaaata gttgaaatga 180
ataaagtaca actaaggctc tcaaggntct tactcaatat aacccttaaa cactctntga 240
gcctttctga tcctttcttt catagccttc gtacccttga ccacgttaca agcccaacaa 300
agcccatgtg gatcaaggaa ggactaatta tgcttttgag tttggattct ggaatagaac 360
ccaca 365

<210> 70
<211> 321
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 70

nttcatatgc accaagaata gctcaatata cttatagaac tctcagatac aatgataaga 60
atgaactcat actttttagt aaattccata ttgagtgtat tgtggaaacg acgcacttca 120
tgtgatgtgc attgagcaga tcttcattct acaacagatc ttcttatact ttagctattg 180
attacttctc atggcttaaa gttttactct tcatcagtga gcaatttgac ttcttcattg 240
cataacataa ccagagacac ttctgagccc tcttttaagc attctcgcca atgacccctt 300
ctgaatgact catgacaaca c 321

<210> 71
 <211> 311
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 71

agcttgtaga attcacccca atttcgatga cctatgctaa cttgctccca aatctactcg 60
 ataattcgat ggtagccata accccagcca aggttcctca acctccattt ttccgaggat 120
 actacttgaa cacaacatgt gcttatcgtg gatgagttct agggcattcc attgagcatt 180
 gtangaccct gaagcataag gtgcaaggtc taattgatgc gaggagaatc gcttgtgatt 240
 tctgaaattg caagcgacac catacatggt gcaatttgaa ggggtgtgtt agatgtctct 300
 aatgactcat t 311

<210> 72
 <211> 423
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 72

nttcacanaa tcattaccaa agagtnttac tctctgataa tctattacca gaaggacta 60
 atcgattact agtgttttta aacattaaga tttcaaattt caagagttac aacttgtgtt 120
 taaacatttt taacttgtgt aatcgattac acaataacttg taatcaagta ttgtgttatc 180
 gattaccagt gtttctaaat gttttaattt tcaaaattca aatgaagag ttacatctgt 240
 tgatgtgtgg taatcgatta ccagtgactg atttcgaaaa atacatttcc aaaagtcaca 300
 attactcaag tgacttggtt ctgaagattc tttcaaaagt cacaactttt taagtgacta 360
 gttntaaaga aattgccaaag agtcataaac tntgacttga gttatcaaga gattataagt 420
 atg 423

<210> 73
 <211> 397
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 73

agcttgccac ccagcttgcc caggcgagca aggttgcttc ctccagaagc aacaaccttc 60
tggaggaatc ttctggaggg cccaagtggg ccttggtgct atttgcaccc ccatttttac 120
taaatacacc cctgcccttt tttggtgatt cttttttcgt aaagttacgg aaacttacga 180
atttcgtaac gatacttatt ttctttccgt aatgttacag aaccttgagg attacataat 240
catccccctt ttgacttacg gaatgttacg gaacctcact atttgtgcaa cgatgcttcc 300
ttttgatttc cgggtgtgtca cggaacctta cggattgcgc atcaatattt tcttttgatt 360
tccgcacgtc acgaaatttc acaaatngcc taatgat 397

<210> 74

<211> 465

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 74

tgtagaact atcatcacat gacgctntat tggcacagaa catgttgctt tctaagcaac 60
ttgagattnt aacagaaaca ctcggttaagc tgccaactaa attgtctatt ggtcaaccta 120
cacactcttc tgttttgcag gttatagggt gtaccatctg tgggtgaggct catgaaatgg 180
gccaatgtat tcccactaaa gaaaacactc aagaaattca ttatatggga aatcaacaac 240
gacaaaggta tactcaagga ggattttcag gcttccagca gggtccttat aatcaacaag 300
gacagtggag gacacaccct gncaaccagt tcaacaaaga ctagaatggg ctttcaaaca 360
gtccaatcca acaagggcct aacatattca agaggactac taagctggag gagaccttga 420
ctcagttntt gcaggtaaca atgtcaaac atanaagcac tgagt 465

<210> 75

<211> 418

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 75

agcttatact caataagagg atcccgtgc gcataatcccc gtaacccac ggcttgctga 60
acaaatttta gtgcctgcag atgttctttc cacaggcgat cgatattgct taagattagg 120

aaccgctctg cttctttcat caagcctgct gcttggtgct ccacaatatc ctatggggca 180
gcattgggtg taataaaaag gtaaatttaa aaagaaataa atggtaaaga aaattatgtg 240
aaaagacaag gccactgaac caattcaaga cgactcaatt tttagacatg acacatgatg 300
gtaaaagtcc aaccttatat agcacaaagt tattacaagt tgcactgagg tttgataaat 360
ccctctcccc ctttcccgan aatgtataat caattacttg atttaaatca cttatctc 418

<210> 76
<211> 399
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 76

tgcctanaga ggtccaggaa ggacaaggca gccgaaggaa ctagttccgc tccggagtat 60
gacagtcacc gctttaggag cgttgtagac cagcagcgct tcgaggccat caagggatgg 120
tcgtttctcc gggagcgacg cgtccagctc agggacgacg aatatactga cttccaggag 180
gaaatagggc gccggcggtg ggcatcactg gttactccca tggccaagtt tgaccagaa 240
atagtccttg agttttatgc caatgcttgg ccaacagagg agggcggtgc tgacatgaga 300
tcctgngtaa ggggtcagtg gatcccggtt gatgccgacg ctatcgcca actcctagga 360
tatccgttgg tgttgaaga gggccaggaa tgtgagtat 399

<210> 77
<211> 397
<212> DNA
<213> Glycine max

<400> 77
agcttgctgc tattcttgta tatgtgtact gagatatatt ccttgagctc tgatgccaaa 60
aatgatttat ttgcatgtta aaacatagat ttaaccttaa atttcaccca aatcatagtt 120
ttctagcaaa agttacaaat aaaataagtt taaggacctt tagtaaaatg aaaatatgcc 180
ccatatttgg actgagagtg acaacagtat ggactatttt tattaacggt ttgacctcaa 240
aaatgagttt tctatgtttg aaaatgtatg gtacggtata atatttgtga gaatccgact 300
aacagagcac caagagcact aaacataagg tatgagcgaa actgtgaaga actgagtcac 360
aaagagattc tattaccgta gatgacttaa ctttga 397

<210> 78
 <211> 461
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 78

tgataaagag attntgatag aagactntga ggccaaacta ttccaatata aaatgagatt 60
 cttttaacaa ttttaactaag tccttatttg tgattttctt gatcttattt gttgacttgg 120
 aacaatgtgt gctttcatca agtaaattct tttggcatca tcaaaacctg cacgattcac 180
 atttatgtca ctcaacctct aggttttgag atcaaaagga aggaattaat ggtgtacaag 240
 ttgaataagg ccttgtatgg tcttaacaa gcacctagag cctggaatag aaggattgac 300
 tcatttttca tttagaatga attcaccaag tacacaatgg aatatgatgt atatgtgaaa 360
 aggaaaacta agggaatact tttgatttgc ctatatgctg atgatttgct tgtgactggc 420
 agcaatagtg aagaaataga gaaattcaaa gttgagatga t 461

<210> 79
 <211> 347
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 79

agcttctcct attctgtgac tcttccgttg gaaaatcctg cttgcttctc agattcgctg 60
 tgagttatca ctttatttgc ttctcctaatt ctctccttct gttcacttcc tttgtttctt 120
 tgtttcgttt caggatgact cctatgtcga cagctacgta agtactattg gagttgattt 180
 cgtaattatc actcttcttc tcttttggtta tttctattta tggcccaaca ctcatctta 240
 tttattttcg naaatcaaac catgggcttg gaagggaac cgccagctgc agattgtagt 300
 attctaagta gtggcggttg cagcatcata tagcagtga ggacttt 347

<210> 80
 <211> 445
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 80

tcaggggtata aagaaacttc atgagccttt gtttttaagc tataattcgt attgctcgct 60
tagcgcacag cgcgccttat cgagtcaata taacgattgg ttttaacaaa gccttgtgct 120
tagcccaacc tcgcgctaag cccaattcca aattttcaaa tcccagagag ttttggggct 180
tagtgcagta ggcttgcgct tagcactgtc tgcaactcaa aattgttctg caatttgcgc 240
ttagcatgag atgtcaggct tagcgctaaa tcaagctcta acttacaggg atagtccang 300
cttagcgc atggtgcgct aagcataatt ctatgagttt caaaaatagt gaaggattgg 360
cgcttagcgc atcttgtcgc taagcccaat tcatgaaagt tcaattccag ggaggaaatt 420
gagcttagcg cangacagcg cgctt 445

<210> 81

<211> 387

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 81

tttctttatg attcattcta tgcaccata gaggtccaca ttgtgtgtag agcattttta 60
ttctcgttgt gtgtactttt tatacgccct gtgcagctgc ttaagccatt ttacttaagt 120
cggttctcgc ttaacttaaa aataaaatag acttccaccg aacgtgtgaa ttgattcata 180
tctgacatca tattgagttt ataagcatct tcttgaaaag ttgaacaagc ataagacatc 240
atattgtaaa tcaaacaagt actaaaacta tgcaaccatc cgtgtttcat actttcagta 300
tcgtgtttaa attatgatgc atatcanatc atcatgaaat tcttccactt ttgaaagcac 360
caatgaaatg ttcgtctcat ggtcagt 387

<210> 82

<211> 294

<212> DNA

<213> Glycine max

<400> 82

cccgctcat gcctacgata gcaacactct aatacttcca taacgttagt agttatccat 60
aaacctcgct tagtttgct atgagcataa actagagtgt gatgctacat agatttacc 120
tgcaccacgc cattagttag atgagtatgc gtaaccacat agaaccactg attcggaaca 180

tgatatacat atgacgatga gttattctga tcctagatat aattaggatc cccgttgtac 240
atcgggtggct catgcacttt cgacttagac accaactatg gatgagtcga ttac 294

<210> 83
<211> 315
<212> DNA
<213> Glycine max

<400> 83

agcttctatt attagctgaa ccattgtatc tatacacaca agctgagtgt tattcagacc 60
attagagttt atctctttta tcttagtgag agtgattctc cttaaattctt gagtgattca 120
agaacaccct ggctgtatca aaggactttc acaacctttg tgtgttgccc tcgctggaaa 180
gagtgattct ttccttctta tcatctccac ccttggtctt tcaaaccaca attccagaaa 240
atccacctct gcccaaaatt atcttgtgac cataactccc atgttacaca ctcagattaa 300
gtgattcttg agcct 315

<210> 84
<211> 449
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 84

ctaacatgcc gccttactgc cgcaagcctc tttagtctct acataacggt gcgaatgtca 60
caagatgcac ttgggaaact atcgactgac ctggctattg tgcaacctgc acactctaatt 120
gatttgatgc tatacggcgc accatatgag gagaggctca tgacttgagc ctgtggatta 180
tcactaacga taacactcaa gagattcatt atatgggagg tctgctgcga ctctgtatt 240
ctgccggatg attgttaggc gtccagcagg gtacctataa tcaacacaga cagtggagga 300
cacacctct caaccagatc gacgaagact ataatgggcc ttactctgt ccactattac 360
aaggggctaa catactcaag aggactacta ggctggatga gaccttgact tcagtnntgc 420
aggtagcaat ggcaaatcat aacagcact 449

<210> 85
<211> 361
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 85

agcttcagac tgctcaattg ctccaggctg ctgcatggaa gggcaaagggt ctgtatgggtg 60
gtcagcagag gagcacaaac cacaaaccct tgcgacaggt acagatttct gattcaaggc 120
caactggggtt accaagttga ccaacgcata cagtttgctt tcaagcttct tagtttcaga 180
tgatgcagat ggggttgtag ctacctcatg cactcctcta atgattatgg catcatttct 240
ggcgctaaac tgctgngagt tggaggccat cttctcaatt aaatttctgg cttcagcaag 300
agtcatgtct ccaaaggctc caccactggc agcatctatc atacttctct ccatattact 360
g 361

<210> 86

<211> 344

<212> DNA

<213> Glycine max

<400> 86

tgaatctctc tcaactgctt cttcttcttc tttgtaccaa aagttttctg aagatgtctg 60
gctctccaaa ccttgaaaac ttgcgctatt catcttttca ttctcttctg cttttgccaa 120
aaagaattcg ccaaggacta accgcctgaa ctcttgatgt gcctctcttc tcctttatac 180
aaaagaacaa aggactaacc gcctgaattc ttttgtgtct cccttatgcc ttgacaaaga 240
actctgaacg acacacctg agaattcttt tgattattgc cattccctaa tacaaaactg 300
tcaaaggact agccgcttga caattgtttt cgatcccat tcac 344

<210> 87

<211> 402

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 87

agcttaccat tataaagaag cttgtgagga agagtttcca gccaaaccaa caagttctgt 60
tattcaactc aaggctcana ttgtttcatg gcaagatcaa gtctataaca gccgtaactt 120
ttaataaata aataaataaa taaataagta aaaataaaat aaaataatat aattagggtca 180

taaatttcca ctatataaat caaatgttaa cctagagcag cttttacaaa acacttatgt 240
ccctttctct tcttctgacg cacaagaatc ctaacagagc aactggagga ggagctctag 300
agagcaccag agacgccaca attgctaattg gagaacgatc gagggactac atcgaggtaa 360
gggatgagtt attcacgctt gnggattaga attaacatgt at 402

<210> 88
<211> 451
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 88

tgtaatcgat tacacacata ctgtaatcga ttaccatagg agtntttcag aanacattct 60
caatagtcac atctttttgt gtggttcttg aatggctatc ataggcctat atatatgtga 120
cttgagacac gaatttgaaa agagtttttc agaacaaaaa ggtctgatcc tcttataaag 180
caaaatcgcg ttatcctctt acaaattcct tggccaaatt acttgatgatt caataaggaa 240
ttatttgagt gctcaaattg ttcaatctat ctctttcaag agagattact tcttttcttc 300
ttctttattc tgaagaggga ttaagagacc gagggctctt tgttgatgaaa gaattctaaa 360
caciaaggaa gggtagtcct tgtgtgttta gaactcgtac aagaaattta caagatagtg 420
gaactctcaa gcgggttgct tggggactgg a 451

<210> 89
<211> 563
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 89

gctcgctca ctcacctcna cctntcatac tccgagactc ctatacatac gtagctgtaa 60
ctatagtcac acgactctgc tcctaagcct cgcaccgcac nntttgtttg catgcatgca 120
catacaggcc attcgagtcg gcacccgtga ttctgtatat ctgcctgnat gcatgcaagc 180
ttgttttata ttctcaccac ttgagatgat gacaaccctt gtatctagaa acacataccc 240
atactctttc cctagtcgat cactcactta ataatacata ttctcgccct ttgattttga 300
gtttatgctt cacttcgaat tagatcaatt acttacgcga gtccttgatt taatccctat 360

ttccttcccc ctttggcatc gacataaagc acaagggcgc caccaatctt aaacatacat 420
 acatgaccaa tctttgcaat atagtcgttg aaagaatatc ttgccgacta gcaaaggact 480
 gcgtatgcac caaaatattg tccaacagtc attgagatga cggaattgtg gccatcatta 540
 tagtgcaaaa gaactaatta tcg 563

<210> 90
 <211> 559
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 90

ctccctctcc ctctaccgct gtccgtactc gtcttgagct tgacctctat cctcactctc 60
 ctatcccccc tcccgcncnc ttgattgatt cttgcgtggc gtgacctata cataactcaag 120
 ctctagcatg aagacagtac ctgagatgga gactttcatc ttgatgatac tacacaattc 180
 gcgatagggt ttttataagc agagtggctc acgagaatct ggtcctaaat gtttccccaa 240
 gcgcatgcaa tctctgggaa tccattacca caatagtgtc gtgcgttact actagcagac 300
 tgcgcttaac actgtttcgc actgaatgta cgtcgtccct gtggacttac aatgagatgt 360
 catgcataac gctgtgtcgg tctttcactt acagtgcagc agaacgctta actcctgggt 420
 cgctcgtaaa caggctcata ctattccata gactctcggt gagacggact cactgcatcg 480
 tggacgggta cccttgctgg ctatgaaatc ccatgagagg ttctcctaga cgggtctgcg 540
 ctttaaagtg ctctacatc 559

<210> 91
 <211> 396
 <212> DNA
 <213> Glycine max
 <400> 91

agcttgtaga attatggggt acccatcaca tgttggtacta ggtggcggtc gggcgatggt 60
 gcacaacaag ctttccacat acacaatgcg cgcataaacc caccatcccc tgttgccac 120
 ctccaactga gctcacgtac tcccacgtag cccatattct cgtttctctc aacaccgggt 180
 ccccatcaat cctctcaagc ttccacaaca tccaagcaaa acaacattca aacagcacia 240
 gctatcacag ccaagcaaaa cagagccaag gcagaaaact ctgctcaaca catcaaccaa 300

aatcacagct tttctcacgt agagaccaca gtaacaattc cttcgatcca attcgттаac 360
cgctggatcg actccaaaat tatactggaa gtctat 396

<210> 92
<211> 360
<212> DNA
<213> Glycine max

<400> 92

cttacgacca cgctctctcc actatттtac tctcaaatga tctacattca ccatcccctt 60
tgtacttaca cccttccatt gtctatacac aagacacatt gatcttccac tggatgatgaa 120
tatgcaaggc tagacactcc atctatccaa ggagctactc caccactggc taaatatata 180
tatggctctat tcatgctact atctgcgaga gtggatcata ttcttgaatg ctagtcttga 240
taatcatgaa tatgaatatg ctgaccaatg ctaatgactc acgttatgga ttcatttgct 300
tcacttcgaa gatagacaca aagtgtttgg atgaactctc acctaatttg agatctcaat 360

<210> 93
<211> 407
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 93

agcttctatc agtgcaacaa agaccttagt ttgttgatat ggcaaatttc aaggctgtag 60
gagtaatttt gaaggaatga attggcacta gaagaagaaa ttctttaagg atgctaатca 120
ttatgtgcgg gataatcctc acttgctcaa gattagagca aataaattga tataagatgt 180
gtcatttttg agcattcttt ggcattatca caattcacct tatggngggc attttaatgg 240
agaaagaagt gctgccaagg ttctccaagc angaattttg tggcccatgc tatataaaga 300
tgcacatttg tatgtgacac aatatgacaa atgccacaga aaatgaggaa tttcaagaac 360
gaatgagatg gccttgaaca acattcttga agntgaagtt ttgactg 407

<210> 94
<211> 287
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 94

tatgcgtgaa tctgggacct accatggcgg aagtctccac agaggccatt gcctccctcg 60
 cccagaatta tgaccagtcg ttcaggtgct tcacttttgt ggacttacag ctatcaccca 120
 tgggtggaaga atctgaagag atcctatgat gccctctagg gggaaggaaa ccatacctct 180
 tctcangatt ctatgcctct ttagctagaa tttctaagat agtccatata tcgggcgcagg 240
 aattacacca cagaaagcaa gtcgaaaatg gagagagtgg agtaccg 287

<210> 95
 <211> 380
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 95

agcttcggaa taaagtgatg aggtacaagc cctaaaggca gagcttgaaa gagcccgggt 60
 agtcaaagag aagttcaagt ccatagccat canagtctga agagagtatg atgaactaag 120
 ggacgtcaat atggccaccg ctgaagcctt ggaatgagaa accatgaagg cccgaaagga 180
 agaacatgac caaaacaaag ttntgagggg ctttataggg cagcaatagt gagctcaagc 240
 tccaaagagg tgaaaggaat catcacggnt caaaggcatg atcttgaagg acgagctaaa 300
 ggcttgccctt angtcgaaaa gaaatttgtc ccaacagtta aagtgagact gaanggaata 360
 tgtggggccat catcgatgag 380

<210> 96
 <211> 432
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 96

tgtaatcgat tgcacacata ctgtaatcga ttaccagagg agttnttcag aaaatattct 60
 caacagtcac atctttttgt gtgggttcttg aatggctatc ataggcctat atatatgtga 120
 cttgagacat gaatttgata agagtttttc agaacaaaaa ggtcttatcc tcttataaag 180
 caaaatcggt ttatcctctt acaaattcct tggccaaatt acttgatgatt caataaggaa 240
 ttatttgagt gctcaaattg ttcaatctat ctctttcaag agagatttct tcttttcttc 300

ttcttcattc taaaaaggga ttaagagacc gaggggtctct tgttgtgaaa gaattctaaa 360
cacacaggaa ggggtgtcct tgtgtgttta gaacttgtaa aagggaattta caagatagtg 420
gaactctcaa gc 432

<210> 97
<211> 370
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 97

agcttgacaga ctataccttc gaccaaacac ggccgtgttt ctgtctcggc ccggatttaa 60
agcgggttgc aacaccggct ccgcttcctt aactgtactg gaggcggntg ccgtggcttt 120
gtcctctatg gttntctgga gttttaacat gacctccgag atggaagcca tttgatcttt 180
taaggccgat agatcgacct tcattctgtt ctgctcgccc tcttcattat ccanttttct 240
ggattgagtg ttataggggt gccttggtgt tttcttagtt atgatgaaat tcctaaagaa 300
ataaacaacg gtgagtatgc caccaaaaca tgagtatgca aatggatgat cggagcactt 360
ggatccaccc 370

<210> 98
<211> 458
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 98

tcattcatgaa tcaacaatga ttcanagggt ttntgatgat aacaatgatg acaacaaaag 60
atgatgacaa aggtgatgaa caaaaagctc aagtgaatca aagaacatct caagtaaattc 120
aagaacaagt caagagttca agaattcaagg agaattcacg actcaagaag aaagcctaga 180
atcaagaatc aagactctct caagaatcaa gatcaagatt caagactcaa gattcaagaa 240
tgaagaaaag actcaatcaa gataagtatt aaaaagtgtt ttcaaaactt tgaataaacac 300
atgagttttt gacaaaacct ttaccanaga gtttttactc tctggtaatc aattaccagt 360
agcaaaatga gtttgaaaaa agttttcaaa ctgaatttac aacgttccaa atattttcaa 420
aaggctgtaa tcgattacaa tgttttggta atcgatta 458

<210> 99
 <211> 349
 <212> DNA
 <213> Glycine max

<400> 99

agcttctata aaggttctta tggactgctt gtctcatcat tccagtaata ccttcaccca 60
 caatattgaa aagcaaggga gctaggggat ccccttgcct caaacccta gaaggattaa 120
 actccttaga agggctacca tttatcaaaa ttgatatcga tgctgagtgg aggcaagctg 180
 atatccaaga tctccatttt ggacaaaaac ccattctgca cagcatgtaa tccagaaaag 240
 accaagaaac tgaatcgtag gccttttcaa agtccacctt aagaatcatc acaggtttct 300
 tatttctcct tgcttcctca accacttcat taaggatcag aataccatg 349

<210> 100
 <211> 432
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 100

tatcaaccaa ataccacgt tntcaaactc aaagtatatt acaattacaa aacataaata 60
 agaaagatct tcacatctat aaaaagactt aatgaacatt aacagaaata aaacctacca 120
 gaacctgtaa gtgaaagaaa atatacagac ccatgtaaac tatagaacat agatctaacc 180
 ttttaagtgg aaaataacat aaacgtagaa gtatgcaaat gaagatttac caaatgaatt 240
 cagtaatagc aactttacct gaaagtgtaa actgttaatg cagcacccaa tccgcaaaaa 300
 caatgggacc atgatcctct ggaactctac catgttaata acttccaaaa tttcttcag 360
 ttcaccaga aacatcacct ctttctgact atttggtgct ggccaatatt tcaacaagcc 420
 gcttatcaca at 432

<210> 101
 <211> 406
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 101

agcttgtcaa ggcctaagc atggacaagt gttgttcagt gttgagagtg gtagccttga 60
 caagtgttgt cccgggttgc tctgtcaagt tgtctggggg ggacaccctt tttgatgcaa 120
 gaggtccaa gaggattggg ctagagctgc tgaagaaggc cctaagggtc tcatgaactt 180
 taggatagat ttttgagccc atgggccaag gttgggtcca attatctttg tacgtattag 240
 attacgatgt cactatattt gggtcttgta attagggctc cataatgtag gtaggggtacc 300
 ctagaaatat aggatttttc agcccttgta ttttagggca cctagactag ttnttgtatt 360
 aagggtagtt ttgtaatttc acatgcacta agtgaatatt taatgt 406

<210> 102
 <211> 451
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 102

tntaaggccc tcaaagact ggatggcaac accccactta aatgattatg aaagagggat 60
 aaatatgtga gattcttgga caaattaaaa gaaggaagtg gacctgtaaa gttattggaa 120
 gacaagtcta gataaacaag ttggctgagt tctgagaatg aactaggaag tgttccatta 180
 aattggcagt aagctagatc aattgtagat aactgcttca tattggaaat tgcacctgga 240
 agctttcctg agaaatttgt atagctaaga ttcattgtgat gaagagaacc atgttgtggg 300
 aagtttggca aagaaccccc aagatcttgg ttgtctgaga tgtcaaggac cttcaacgtt 360
 gatatttggga atatatcttt tggaaaagaa ccattcaagc cacaacttct taactctagt 420
 gtgactaaat tggagaaatt acaaaggatt c 451

<210> 103
 <211> 410
 <212> DNA
 <213> Glycine max

<400> 103

agcttgctgc tattcctgta tatgtgtact gagatatttt ccttgagctt tgatgccaaa 60
 aatgatttat ttgcatgtta aaacatagat ttaaccttaa atttcaccca aatcatagtt 120
 ttctagcaaa agttacaaat aaaataagtt taaggacctt tagtaaaatg aaaatttgcc 180

ccaaatttgg actgagagtg acaacagtat ggactatttt tattaagggtt ttgacctcaa 240
 aaatgagttt tttagggttg aaaatgtagg gtagcgtata atatttgtga aaatccgact 300
 aacagagcac caagagcact aaacataagt taggagcgaa actggtgaaa actgagtcac 360
 aaagagattt ttttaccgta gatgactcta acttggaatc caagtctctg 410

<210> 104
 <211> 460
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 104

tgataaagaa attntgatag aagactttga ggccaaacta ttccaataaa aaatgagatt 60
 cttttaacaa ttttaactaag tccttatttg tgattttctt gatcttattt gttgacttgg 120
 aacaatgtgt gctttcatca agtaaattct tttggcatca tcaaaacctg caçgattcac 180
 atttatgtca ctcaacctct aggttttgag atcaaaagga aggaattaat ggtgtacaag 240
 ttgaataagg ccttgatgag tcttaacaa gcacctagag cctggaatag aaggattgac 300
 tcatttttca tttagaatga attcaccaag tacacaatgg aatatgatgt atatgtgaaa 360
 aggaaaacta agggaatact tttgatttgc ctatatgctg atgatttgct tgtgactggc 420
 agcaatagtg aagaaataga gaaattcaaa gttgagatga 460

<210> 105
 <211> 411
 <212> DNA
 <213> Glycine max

<400> 105

agcttcttca gaccatgata ctctaggacc tcaggaaagc aaaatgttat gaattcaact 60
 tgggttgaatc aactcaattg ttagatagtt gtgccggtat aatgcttcat agtgctcttt 120
 tgcaaaccat ggcataaatt tgggagggga tgagtgtttt ggagattccc cctttgtaga 180
 tcaccaacaa actttctttc tctttcttct cattttctcc tctatgagct ttgttttctt 240
 ctctttttta ggcttaaggt taaagggagc attgttgatt gcaaccctct taatatgttt 300
 ccttctaggt tgggtctaaca tgggtgatgg gaagaagaaa gtgatgggtt gaaggaatta 360
 cggaagaaga aagggatcgg aaaaaggggt acttagcatt cccaaaaact t 411

<210> 106
 <211> 463
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 106

ttgatctacc accaccgccg ccaccatcat tntagttntc tattatttaa ttttactagt 60
 actttgtttt ctagccgtgt atttggctat attatgacat ttggataatt tagtatttct 120
 ttatttgcac ggtttgattg aacaattatg aattatgtta tatgactatg tggtttttat 180
 atatttgatc tattcatgtt tcttccttca tgattggctt atattcttca atgtatgtct 240
 tgtgaatgat taatagtata tgtttgcct atacttgta cgcactttgg ctttttgttg 300
 atgcaaagg gggagagaaa tagggattaa atcaagaact cacataagta attaacttaa 360
 tttcaagtga agcatanact caaaaaacac aggcggagaa tttaagtga tgttcgacta 420
 ggacaaaatg tgtgtatgaa tttcttgatt tcagggttat cat 463

<210> 107
 <211> 406
 <212> DNA
 <213> Glycine max

<400> 107

agcttgcatt attgatggag aaaagggaac aaccatgaat ggacaaagta atttagctgc 60
 tactaactct gtttttcact taagcaaadc aatttctagt gatttttaac catcgaaaat 120
 gaatcttata aaattactgc ttcacatca tttagtggcg ctatttgatg gcaataacta 180
 aaaacattaa cggaatataa gttttaaaga ctaatcacia ttttgtttgg gaactaaaaa 240
 taaaaacctg aagaaatcca gacataataa acataatcta cccaactta tccaaaatac 300
 attacattct atgttctata atcccttttc ctttttttaa gattttttta aaaatattat 360
 attacaaaaa gtatatattg ataaagcatt cttttttttc aatttt 406

<210> 108
 <211> 388
 <212> DNA
 <213> Glycine max

<400> 108

tcgcgatgat ggtcatgatg actacggggg atgacgactc ctgtgaggaa cacacagctc 60
tactgagtca gagaacatct caagttattc tggatcatgt ctagagttcg tgattcaagg 120
agaattcgcg tgtccagaag aaagcctaga ctcaagaatc tagagtctct caagaatcaa 180
gatcacgatt catgactcat gattctagaa tgatgaatag actctttccc gatcagtatt 240
aacgagtttt tgtcgaactt tgaatagcac atgagtgttt gacagaacct ttaccagcgt 300
agtttgactc tatggcgctc aattaccagc agcacaatga gctcgaaaaa agttttcaga 360
ctgaatttac aacgctccaa atattttc 388

<210> 109

<211> 318

<212> DNA

<213> Glycine max

<400> 109

agcttatatg caatgtggta ccatgtcagt gaataacctc gtcggggcgcc taggagtaca 60
tgacaagaca aaccacacaa taagtagtca agtcactctc actaggtaat atcataggga 120
gaccagtcag ggtcacagtg ttttgcgaga atgatccaac catatgggat caacataggc 180
ttaaaggagc actcaaaccg tgtaaccccc aaggcctaca ctccgaagag ttcgtcaggg 240
cctctccctc ctgattcagg tccaaccag aaaaatttta gcacacagac tctatctatg 300
aactgtacda aacacact 318

<210> 110

<211> 165

<212> DNA

<213> Glycine max

<400> 110

tcttatccaa cgctcatctt ggtggagaag ctcttcttc catggcttat tccctagtgg 60
atggtgcctc ctctcacctg atctactttg cttccgcta tatctccatg gcggaaaatc 120
gccattaaag gacctcatcg aagctcatgg aaccatccta catag 165

<210> 111

<211> 394

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 111

tataaagctg tttctggttg tatttaagtc ctaagctata gcttctttcc tcatgtaacc 60
ctgttcagac ttgttatata tatatatata tatatatata tatatatata tatatatata 120
tatatatata tatatatata tatatgggtt tgctaatgca ctcacaccat ttttttagta 180
tgagtacatt agcaatcaac accaaanatt ttaactaaaa aatcaatcac ctctcttatt 240
tttcaaaatt taatgtaggg atatcctaca tttgttccaa gctcgacaca tctgatctat 300
atgctcgagc ttgaggggga gtgttgaaat atgataagtt cccattggaa atgatctgtt 360
cctaattcta ctactgtttc aatgaaatta ctcg 394

<210> 112

*<211> 330

<212> DNA

<213> Glycine max

<400> 112

tagctggtcc ttgtttgctt cttcacacac ctctctctct ctctctctca tgcactccat 60
atatcggatc ctagatacac aaacaaagaa agggctatac catatgaggg atatgaatga 120
aagaaagtct atagcgcagt gtcatttttt tggattagaa atatttcccc aagctgaacg 180
agaagccgc catgccacgg ctgtagatat ccgttttaat atgaaaacat tcccgtgggg 240
ctttcataag aacaatgagc ctttcataat ctatgagaga aagcacaact catcgaagct 300
cgatcattac ctatactatc ttgtttatat 330

<210> 113

<211> 229

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 113

gctttgatgc cagctatgag gtatgtgcat gtttgaacag acatttatgc ttcgcctata 60
ccccctcct tgttctctag cgcaagttac tcctttgaca agtactggga gctggagtaa 120
aatgatgaca tgccccttag ctggactgac agcgactaca gtctggacta tttttagtca 180

cgacncgacc tcttaaagga cctttatatg attgtaaattg cagggtagc

229

<210> 114
<211> 407
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 114

atgatataag actttgaggc caaactatat ccaatatcan aatgaggaat cttttaacaa 60
tttaactaag tccttatttg tgattttctt gatcttattt ggtgacttgg aacaatgtgt 120
gctttcatca cgtaaattct tttggcctca tcagaacctg cacgattcac atttatgtca 180
ctcctcctct aggttgtgag atcacaagga gggatttaaa ggcgtacacg tcgaataaag 240
ccttgatagg tcttagacca gcacctacag cctggaatat aaggattgac tcagtttaca 300
ttgacaatga cttcaccaac tacacagtgg aatatgatgt gtatgagaaa aggataacta 360
cggaataact tttgatctgc ctatatgctt atgatttgct tgtgact 407

<210> 115
<211> 378
<212> DNA
<213> Glycine max

<400> 115

agcttatacc agcccaatcc cccaaatttt ttaatccgag ctgggaattc tctcccgact 60
caagtaaaag gaccacctgc aacagaaaga gcgcccggccc aacgcacggc tccagccgct 120
ccccggccag ttaataatac agcccccgac gcgacctata aatatgcaca gcacccgccc 180
ccgaaagata acttctcccc tattcccatg gcatactccg agttatggcc ttcattattg 240
gagaatcatt tgggtggtggc catacccggg aaggtcttcc agccacccta cccaagtgg 300
tacgacccgg gtgccaagtg tgtgtaccat agtggagctc ccggacacaa tattgactcc 360
tgcatcccg tcaagtat 378

<210> 116
<211> 457
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 116

tccattgttg agttgttgct tcccttgta cgctctaatt cactccccac aagtaagtgc 60
aatttccctt gggtatttgg ctctccattg atgtgttttg gtgcttttagt tgctcatttt 120
tttgcaaaat tegtgaagca attcgcatct gaatccatgc ttgttttgtt gaattgaggg 180
tttgtgtgag aaggcattat gcctatgttg tattctgaag caatggggca tgccacattg 240
tccccattct cttgcaattt gagtccgaac gtgcgcccc caagtgtctg gtgaagtgcc 300
ccaatgatat atgaatatga ttttgacaaa ttgggatggg gggactgttt tatatatgta 360
gagacagcat aagagattca aaatatgtgc ccgaatgcaa tttcaagctt atgaacccan 420
accttttatc ttcaatgcaa gaagacatac tcatagc 457

<210> 117

<211> 305

<212> DNA

<213> Glycine max

<400> 117

agctttgata gtaagtttaa ttgaataaat tatactcact atcacaaaaa tggctttcta 60
cgacgcacgt tttacgacgg ttgtacaaaa accgatgtca taagtaaagt agtgacattt 120
ttgtaaataa cttaaaaatt ttaaagatgg ttcttatcaa accagtcttt gaaaaggaat 180
taccacatca gttctttctac aaccgacgta gaatgcgaag cttaaaaatg cgaacgggct 240
ctctctcact ctctattata tcctctttat aatctctctc ctcttaaaat ctagaaaacc 300
ctaatt 305

<210> 118

<211> 427

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 118

tctctgcttc ggntgaaaca ttggcgggtga catgtgacct catgtggcca cccaaggatc 60
ttccacaagg gaagctcttg ctgcagaact tgcacatgtg tttcacttct tgatcttctt 120
ccattggatt gatTTTTTcaa gatcacacac acgcacggat cagcaaagaa agcaaaatta 180
accacacttt cttgatcacc accaacacaa gagaaatcga tcacaaggga aaaacagcaa 240

caccccagat cagcatcaca tcttgaaagt ggttgagag aagaataata ccgagaagaa 300
gaagaagaga aaccccatgt ctgaaaattg caagggtgtg agtgcaagat ctaacgcaga 360
aaacaagagg aaaagaaaag ggacaagaga acgtgtagta gtagcacaaa ctattatata 420
tactata 427

<210> 119
<211> 394
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 119

agctntttgg agtagaaaca taggaccaac tcattntatt tcaaaaagaa agtcgtatct 60
agtcaagggtc tgagagacca tacaagtttc ctaacgattt ctaattatgt gggccattaa 120
gtctatcata tgctgacaat agccgagaag cccatgaatc tcttcggggg cggagtaagt 180
gtctgccatc gccttggcct tggctaacaa gcgnggaagt tcttgactcc cgttcaaggt 240
aagagcaaac cgatccatcc acatggttgc ctcttggtgt aaagagtcga tcaccttcc 300
tctagcctct ttttcgcggt atacttgagc atactcgtcc gcgattctat gctcgtgggc 360
cgtggctaga cctaactctt cttggtactt ggcg 394

<210> 120
<211> 335
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 120

agctntntat tttcagtaga tgaagatgaa ttcgtggcca cctcatggac tcctctaagg 60
acaataacat catttcttgc totgaattgt tgggagttgg aagccatctt ctcaatcaaa 120
ttcctagcct caacaggggt catatcacca agagctctac cactggcagc atcaatcata 180
ctcctctcca tgttactaag tccctcatag aaatattgaa gaaagagttg ctcaaaaatc 240
tgggtggtgag gacaacttgc acacaatttc ttgaatcttt ccagtgactc atacaagctc 300
totccactaa gttgcctgat gctgaaatg tcttt 335

<210> 121
 <211> 439
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 121

ntaacctcat cgtctctcac agtctttaga attgggagcc aatccaatcc ttgtgttcgg 60
 actctcagcc acttatgata gccgtcgatg atcccattac tgcttcccct aagctctatg 120
 tcctttcttc atgccgcac ccatgccttg cgaactcett ggagtaccct cacgttgttg 180
 tcaccgaaac cccgtgcatg gaaaggcgtg atgctttcgt ctgatggcac tcctctcatg 240
 gggtagccaa gctgtcttat ggtgaggacg ggattataat taatacaacc ccttgttcca 300
 tcaagggaac atttggacat ccttcgcatg aagatagaat cctgattctt ccttccttct 360
 agcgagggaa caaattaata gacgcccctc catgctagcc aagagttggt cccaattcgc 420
 ctttcctttt tcgatgcac 439

<210> 122
 <211> 397
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 122

agctttaagc caattcatac gacaataact ttntactcgg atgtctgatt gagtcccgta 60
 atataacgaa acgctcgaaa ttgaatgttg aagctctaac cctattcaaa caacaataac 120
 gttttactcg gatgtctgaa tgagtctcgt aatatatcga cacgctcgaa attgaatgtt 180
 gaagctctaa gcctattcaa acaacaataa cgttttactc ggatgtccga ttgagtgcgc 240
 taatatatcg agacggtcga aattgaatgg tgaacctatg agccaattta aacgacaata 300
 actttttact cggatgtctg attgagtccc gtatatatcg agacgctcaa aatgaatgtt 360
 gacctctgag ccattcaaga caatactttt actcgat 397

<210> 123
 <211> 427
 <212> DNA
 <213> Glycine max

<400> 123

taaacattca atttcgagcg tctccatata ttacgcgact caatcagaca tctgagtaaa 60
 aagttattgt cgtttgaatt ggctcagagg ttcaacattc aattttgagc atctcgatat 120
 attacgggac tcaatcagac atccgagtaa aaagttattg tcgtttgaaa tggctcagag 180
 cttcaacatt caatttcgag cgtctcgata tattacggga ctcaatcaga catccgagta 240
 aaaagatatt gtcgtttgaa ttggctcaga ggttcaacat ataatttgga gcgtctcgat 300
 atattatggg actaaatcag acatccgagt aaaaagttat tgcgtgtga attggctcat 360
 aggttgaaca ttcaatttcg agcgtctcga tatattatgg gactcaatca gacatccgag 420
 taaaaag 427

<210> 124
 <211> 413
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 124

agcttggttc aaccctataa tccaaggaat ggcaattcta atcgccaata cttcaacaac 60
 atctcatagg gatgaatgac tcaggcatac tttaagctta tgcacggaaa atgtaattat 120
 gaaattgaga tgcccgaaga aacaccattt cctagttaac catgcattag gtaccatggt 180
 caattattct gttttgttgg tgtgtgtttt tttttttttt agaaatgggt ttatgatccc 240
 aacatggttg gctcatggtg cctaacacat gcaactaaga atgtagtgtg aagtttcacg 300
 cttccccttt tttgtttntg tttttagag gaaaacgcaa ggatgagcaa acatganaac 360
 aaatggtatg caattttgca gatcanaaag tttgttgaac gcatatgcat gat 413

<210> 125
 <211> 333
 <212> DNA
 <213> Glycine max

<400> 125

tcaaccttag gccatcattt ctgctccaaa tcgcgaaagg agagcattct tggagtcgtg 60
 aagtgcgtgg ctacgagtgg gacttcgaaa attcaggttt gggtaggactt ctttctcctt 120
 taattttcgt gggtaggggg tttggggaga tatgatgggt agtccttgcta ggtttctgct 180

gtgtgatgat tatttgtgaa gacatttgtt gaaagcttgt tgaaattgcc atgtttggat 240
gagttagaca taccatttct gtttttaggggt ttttgtgatg atgcttgtga tgtttatatg 300
ctgaaattgc ccatggaaaa ctgctagaga tga 333

<210> 126
<211> 405
<212> DNA
<213> Glycine max

<400> 126

agcttcttag tttcagatga tccagatggg tttgtagcta cctcatgcac tcctctaatag 60
actatggcat catttctggc gctaaactgc tgggagttgg aggccatctt ctcaattaaa 120
tttctggctt cagcaggagt catgtctcca agggctccac cactggcagc atctatcata 180
cttctctcca tattactgag tccttcataa aaatattgga gaagaagctg ttctgaaatc 240
tgatggtggg ggcaactggc acatagtttc ttatatctct ccagtactc atacaggctc 300
tctccactga gttgtctaata acctgagata ttcttctga tggctgtggg cctggaagca 360
gggaaatttt tttctaagaa tactctctta aggtcatccc agctc 405

<210> 127
<211> 388
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 127

agcttgcctc atattttacat tgatgcttat gggaagaggt tgtatgccat ttttgtttta 60
agagtagtgt cccactggta aaactaactt tccaaatggt tgccttcgca ggaaatggcc 120
ccaaggaagc ttgcctcata gaggtctagg aaggacaagg cagccgaagg aactagttcc 180
gctccggagt atgacagtca ccgctttaag agcgccgtac accagcagcg ctctgaggcc 240
atcaagggat ggtcgtttct ccgggagcga cgcgctccagc tcaagacgtt aaagaagcgc 300
tactaggagg caacctagta ctttttaaat ttctgcctgc tatttgatca ctctttatag 360
tangacgcac ctaggtgctc atgacct 388

<210> 128
<211> 458

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 128

tgcctaatta acctagaatt gagaganaat gattattaaa cacaaaatat gaaaataata 60
agtattttatt acctatactt aacagaaaat acttataaca ttacaaaata accataaatt 120
gggagagttt gatacaattt atacaagttt tatacacaaa agttagtcat tttcaccgac 180
taacaactcc cccaaattta cagttttgct tgtoctcaag caaaaagaga acaactcact 240
agtgctcgag tgacaatgac atgcagtgc tatgtacaaa ggtgtatgct acaaagtgac 300
tgattgcatg ataagagaat ggagtaaaat gccctaata cttgtctttc acaaggtagt 360
cagttatcca aagagaagaa taaattgtaa cctgaacaga tagatgaagt taggaataag 420
acagatatca agggaagtag cttacaccat agtctcat 458

<210> 129
<211> 347
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 129

agctttacta ttatcttccg aacaatatat gaatgaaatg atgaacctta taattaaaca 60
aagatactac tactactaag tttctattga tgcttgatc tgagtactaa aaagaaagcc 120
tggtataatg attcaaaggc ataacaataa acaacttaac aataaaccat gaactacagc 180
agctggnngt actttaataa atctctttgt attttaaaat agtctctaaa attntatgta 240
aaaaagataa ctttacttat atttactaac taatgatata aaactaattt gctaacgatt 300
taaaactaaaa caaaaatgcg ggaccttaat aaatctcttt gatttat 347

<210> 130
<211> 398
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 130

ntaacctcat cgtctctcac agtctttaga tttgggagcc aattcaatcc ttgtgttcgg 60

actctcagcc acttatgata gccgtcgatg atcccattac tgcttcccct aagctctatg 120
tcctttcttc atgccgcata ccatgccttg cgaactcctt ggagtaccct cacgttgtgg 180
tcaccgaaac cccgtgcgat gaaaggcgtg atgctttcgt ctgatggcac tcctctcatg 240
gggtagccaa gctgtcttat ggtgaggacg ggattataat taatacaacc ccttggtcca 300
tcaagggaaac atttgacat ccttcgcata aagatagaat cctgattctt ccttgcttct 360
agcgagggaa caaattaata gacgcccctc catgctag 398

<210> 131
<211> 312
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 131

agcttgatg ggtgagttat aaattataat acctcagctt ggttcaaaag atcatgttta 60
ctccgtcgca cgttgagcaa gttttgcaca gcttgcccct ctatggacat cctcaccgga 120
ctagctctta ctctggcctg aactcgaacc aatgcctgca tgcaccttaa tgccncgct 180
gtctgcttcc tcacctgtct cccccgaac aagtgttga atcctcacca ctgggttcaa 240
tgccctcaaa gcccttcttg cctgcaatca ccacacaagt gatgtcgaaa tataatgttg 300
gtctaattgg aa 312

<210> 132
<211> 414
<212> DNA
<213> Glycine max

<400> 132

tggtcatgtg agagctcaac actaagttgc tgatgtcttc acaaagccct taatgcttct 60
aactctctct tcctttatcc acaagttggg actcattaac atttactctc caacttgagg 120
gggtattaaa gttgtatgaa gaaatggagt tagttacttc agatagaggg tagatagact 180
agttggtaat taggtagaat gaagttagat actaagtttg ttaagctgga tataaaatag 240
tgtgtatgca accttatatt caataatcat caataatatt ctacagattt ccttggtgca 300
caaagctctc tatcaataaa ttccccttg ccaagtccac attgaagaat ttagagcaat 360
tgtagaatgt cgaagaacat attatgtaca tacaagacac aacttataaa tctc 414

<210> 133
 <211> 397
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 133

agcttgctct aaatttacat tgatgtttgt atttatggga ggaggttgta tgccatTTTT 60
 gttttaagag tagtgtccca ctggtaaaac taactttcca aatgtttgcc ttcgcaggaa 120
 atggccccga ggaagcttgc ctcanagagg tccaggaagg acaagacagc cgaaggaact 180
 agttccgctc cggagtatga cagtcaccgc tttaggagcg ctgtacacca gcagcgcttc 240
 gaggccatca agggatggtc gtttctccgg gagcgacgag tccagctcag ggacgacgag 300
 tatactgatt tccaggagga aataaggcgc cgacgggtggg catcactggt tactcccatg 360
 gccaaagtttg atccagaaat agtccttgag ttttatg 397

<210> 134
 <211> 450
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 134

ctgatagcag atgatatgat ccttactagg agtggatcgc ttgatacagg tcatagagtt 60
 tggatgatgc tacttccaga gagggaagat aagtcaggat agacaccaca agaattgcct 120
 tgataagtct gagattgggt caacatgaga cccagagaga agctctctcc aaagtttata 180
 aaaggccaaa agtacttata ttgaaaatga aaccataca tatagcgtat ctgaatgaaa 240
 aaaatataaa tagaccaggg ccttcanata agttagggcc aaaattacga caataaaatt 300
 ataaataaca aatagaacat attttgcag ggcccttcaaa ttagtttggg ctttcaacaa 360
 caattaatat tcttagtagt gcctctggct ttggaccttc atccttctcc acttgagccg 420
 tggtaagtat gtctgttacc aatttgtgga 450

<210> 135
 <211> 394
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 135

agcttcttga tatactgcag cacgattata ttaatgcttc atagtatfff ttgacatata 60
 tattaatatt gtcaagctaa aggacaaatt tttgttatgc taattgataa caatgataga 120
 aatgatctta gatacaccaa gctgccttgg atatgatggt tgattcgatg atgattgggt 180
 agtcagagta aatgttagtt tagagaggaa gaattaacta agttaattat attaaagatt 240
 aataatttga aatgagacta ttaaaacata tagataataa attgtcataa tgaaaagttt 300
 acgatctggt tggaatatga taaaatagga taagatatat cattatgata aacttttaggt 360
 ttattttaata tttgatgcac actanataat atta 394

<210> 136
 <211> 440
 <212> DNA
 <213> Glycine max

<400> 136
 ctataaggac atgcatccag tcaacacacc gctgccaaatt cccttatgaa tatcctgaat 60
 cataaataag ttcttcaaac aatagtttaa gttatgactg aagtttcata tacgcaaagg 120
 caaataataa taatagtaat tgagctaagt tttttggaaa gtagttcaaa tttaaaataa 180
 aaaatattaa atccatatta aattcgtaaa tttgaaacat tgtaattgta cttcaagtga 240
 cgattttttt ttttttttgc agcagggtcaa atcaagggtg gtatctttat tttgagccaa 300
 aattttctta gcagcgtttc acccgcaaatt tatgcaacgg cgaaccaaaa ctttagaact 360
 gaaaatcttg cattccaagg aaccatttag ccattggcct caagacaaga actacgtatt 420
 gtggctgggt tgatccctac 440

<210> 137
 <211> 340
 <212> DNA
 <213> Glycine max

<400> 137
 agctttcagc tatgtatctc attagtaata ctttttcgtg ctgttggatg ggcaacaatt 60
 gcttccttgg tggatgtagt aatcactgtg ctttgcaata ctccactcgc aaagttacag 120

cacaagtttc aaagcaaact tatggtgaca caagatgata gattgaaggc ttgttctgag 180
 gctcttgtga atatgaaggt gttgaagttg tatgctgtgg aaaccaatct tagaagttct 240
 atagagagat taaggaatga ggagctcaaa tggttgtctg cagtgcatt aagaaaggca 300
 tacaacacct ttctcttttg gcctctctg agttggctct 340

<210> 138
 <211> 453
 <212> DNA
 <213> Glycine max

<400> 138

ctgcttgatg agaaagaggc acagttacgc caatttataa ggtaagcacg tgttggttta 60
 ttcagtgggt tagcatcttt tggacatgct tgggtgtctg attaatttg attgaagtat 120
 ggaagggggg agtactgggt catcgagcaa tttgcgtgaa gaaactgctc gtgtgtcgaa 180
 agattcttca gagctttttc caactggcat tccacaagta ggtcaaacag agattagcca 240
 agattcattt gcgggtggac tggggaatat tcgttcggag ttgattggct ccacatctgg 300
 caatgattct actacttttc tatcgaatga ccgtatgaga aatggcagag ctgacaatgc 360
 cactctaaaa ggcatgaca gctccattag aggcagacag agatatactt cattgctgct 420
 caccctcctt gtcaagcgat gttaattaat tgc 453

<210> 139
 <211> 304
 <212> DNA
 <213> Glycine max

<400> 139

agcttgctct aaatttacat tgatgcttgt atttgtggga ggagggtata tgccattttt 60
 gttttaagag taatgtccca ctggtaaaac taactttcca aatgtttgcc ttcgcaggaa 120
 tggccccgag gaagcttgcc tcaaagaggt ccaggaagga caaggcggcc gaaagaacta 180
 gttccgctcc ggagtacgac agtcaccgct ttatgagcgc tgtacaccag cagcgcttcg 240
 aagccatcaa gggatggtcg tttctccggg agcgacgcgt ccagctcagg gacgacgagt 300
 atac 304

<210> 140

<211> 376
 <212> DNA
 <213> Glycine max

<400> 140

ctgaatgctc tattcaatgg agttgacaag aataccttca gactgatcaa cacttgcaca 60
 gtggccaaag atgcgtggga gatcctgaaa accactcatg aaggaacctc caaagtgaag 120
 atgtccagat tgcaactatt ggccacaaaa ttcgaaaatc tgaagatgaa ggaggaagaa 180
 tgtattcatg acttccacat gaacattctt gaaattgcc aatgcttgac tgccttggga 240
 gagagaatga cagatgaaaa gctggtgaga aagatcctca catccttgcc taagagattt 300
 gacatgaaag tcaactgcaat agaggaggcc caagacattt gcaacatgag agtagatgaa 360
 ctcattgggt cccttc 376

<210> 141
 <211> 402
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 141

agcttgctgt agtataatag gaagcaccaa tataaatatc ttgatgccta ctattgatat 60
 atagcattga acatacatta aactagctag agagaataaa aattgctgat aatagtagac 120
 tccataggta gtcatgatgc gtaaaccact actgcaagaa aacactttat attatagtat 180
 tagctagcaa tttttgtggt tggcttgatc atgcttggcc tcacatgact gacaggtggc 240
 gaatccatct gcctatatag acccttcnc ataacttcct ttnttactac ttcttaagaa 300
 aatttcta ataggaaacagt agaagaacat taccatgaga cttccatggc tgagaatgaa 360
 cgggtcagtt aagagacgta ttgtgtaaat gtgttaaaat ga 402

<210> 142
 <211> 391
 <212> DNA
 <213> Glycine max

<400> 142

tgtaataacc ttagatagaa atgagagatt atgttcttga gttgaatccc tcatgtgagg 60
 tgaaaatctt tagcatgtgt cgtaaaacca tagatatattt ttttatgtaa agtccaatag 120

tgactagcaa aggtgaaatc cagtgggtgca cctgggtctag tagaagattg aagtctagta 180
 aggaattgac aaggttgtga aaccaatgg ttgctggacc agttgcgaat tggttgtgtt 240
 actgaaataa catctttaac ggtgaggatt ggacgcaccc caaggggtgtg gtgaaccatt 300
 atatagacct ttgtgcactt tcttctctgt ctctatattt tgctcttgca caaatctaac 360
 actacttttg tataaaatac tacaatttgt t 391

<210> 143
 <211> 378
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 143

ntggacaacc atatataaga agtactttca gattagtcac agttgacagc cactccggaa 60
 gcatttcaag attgtcgcag tctgaaataa tcaagggtccg taaggagttg gcagtttctt 120
 gaagccattg aggtaaggcc accagctgtg gtaagcccca gaatgcaaca tattttaacc 180
 ttaacttgag gttatgctct tcatggcggt ccttccacag atctaagtcc agactaacac 240
 agtctttaac agacagagat tctaattcag gaaaatttat aacatcctct gaccttgact 300
 tcagactatg acaggcagca acattcaatg ctttaagagc aggggaacttc acccctgcaa 360
 agatagactc catattat 378

<210> 144
 <211> 369
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 144

agctttacac aaagaacata gtataggtta aataaatata gctgaagatt taaatcacat 60
 agaaaacacc tttaatttct agtaaacata gctaattctc ccaactgctg ctgctctgc 120
 aattctattg caatactcta catggaaaaa tgaggtatat tatttgtgat ataaaatgac 180
 aatcaaacat aatgaagaga aacgaagaan attagatacc cgagttaaca actttcacia 240
 attaaacaat atctncttgt agacatatta catgagcata cctttgctac atctagnntt 300
 ccaagctgta ttgctagatc anatatgtag tcagggtcaa tagctacttc aagagcatct 360

tctatcata

369

<210> 145
<211> 397
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 145

tgtccacaaa nataggttnt tgaagtttgt catttcaatt tctcactaag taaaatggat 60
cattttcaag gtccaatgcc ttanaatgat cacctcttaa agtaaaaaag aatcacttga 120
taagaaagaa ctacgtaggt cttatttcct catcgcaatt gaggaatacg taggagcaaa 180
gggaaacacc cttgtcgact acaaaaagag aaaaatataa aaaggggtgta aaggatataa 240
ggacttaaaa gggaacataa aaaatcaagg tcatgtttgc acattcgatt aaagcctgcc 300
gtcccttggg acggacgtgt gngtgctaa taccttcccc gtgcgtaaac acaactcccg 360
aacctttcac ttannagttc gtagatcgcg tcttttc 397

<210> 146
<211> 416
<212> DNA
<213> Glycine max

<400> 146

agcttcaata cgagtagcca cccattcact agatagtttc ctaaccagtc aaaccattcc 60
caaaatcatt ctgcagaata ataaatgcaa aatagagttg gctaaacaaa aaagatcctc 120
ataatcattt cccaattggg tcttggttc ccatagcact atacaaatca ataatttttt 180
aacagaaagt atactcaaat tgaaacctag caattttctc aggttaaaaa aactacacct 240
cctagcaatg gagaggattg ctctacatc aaatgcttca gctggatcgg cctggattgc 300
acgtagctct tcattggttt cagcagcaac cttatacata agccagaaat tatttctaaa 360
gcattgcttt ccatcacagg caacaacaaa attaaacatt atacaaaacc gagaat 416

<210> 147
<211> 457
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 147

ntganagagt tatcttttga caacttctaa ctcttttcc tgtaattntt aacacgtgtg 60
 cccttacttt agtgtaagac ccattaaaaa ctatttcaca aaaattgcat ctaacttcaa 120
 aatttccacc gcctccactt agacctttaa gctttgaaac acaattccat aaagggttgg 180
 tgtcatcacc ttgttcttta acttgattag aagtactcat ctctacaatt aatcaatata 240
 ataaaataat aaataagaac acaatggcca atttaaaata aaaaaattat gaatgggttaa 300
 ctgttatatt taaaaactat tatcaaaata ggatataaaa ttaaaaaatca taaagtatta 360
 aatgtattag taggtaagaa agtaaagaan aataatatta aactaaaaat tcttatgagc 420
 ctacgaaaga agaanaaaaa attataaaaa ttggaaa 457

<210> 148
 <211> 396
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 148

agcttcatgc ttaactatgt atggaaaaac ttcattactg ttgttcaaga catacaagtg 60
 agcttgtaac aaatcttcta cacttggagt gatcacctgc agtcctcttg aacccttacc 120
 acccactctg tcatcatgcc gacactcagg aagcccaaca gctttagcct tctctaagta 180
 ttctgaacaa aattcaatgg cttcttctgc aatgtacctc tcaacaatag atgcttccgg 240
 acgatataga ttctttgtat acccttttaa gatcttcatt tatcgtcaca ccgggtacat 300
 ccaccgtaga taaacaggac cacagcattt gatttctctg accagatgca caatcaagtg 360
 aatcatgatg tcaaagaaag cangggaaaa tacatc 396

<210> 149
 <211> 462
 <212> DNA
 <213> Glycine max

<400> 149

tcaccaccaa gacagtgtct tggataagaa gcttagagag gatgcttcaa tagaggaaga 60
 gaatgagaga gaaagagggg agggcggtgg aattgatgaa ggagattagg gagagaagtt 120

gaactttgaa gtgtgtctca caagtttctc attcatcaaa gttatgagaa gtgttacaca 180
 tgtttctatt tatagcctag cacaatggaa gcttccttgg gaagctaggg gaagaaagct 240
 tccttgagaa gctagagggg gctactcaca cctctccaat agctaagctc accccatgtc 300
 aagatgcatg aaaatacaat gggaaacttc cttgagaggt aaggtagctt ccttaggaag 360
 caaggaagaa agcttccttt agaagataga gaggggctac tgatgcaatc ctacccca 420
 agggcattgg atagaagaat ccaagtagat tgggctagag at 462

<210> 150
 <211> 406
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 150

agcttttttt tacggttctt attaaatccc atccccttcc ataagctaaa atactctttc 60
 atatacagtg atatggtcag acacaaaaaa aagtggaaaa tattcaagtg taacacacat 120
 tgtatttgaa aagcaacaac tagctttaaa gtacaaaaca agcaaaacta aaaattacta 180
 cttgctagta gttgaaactc cctagtaatt agcattaaca ttggatttat tcaaattcac 240
 ctaaatacaa catactaatt aacacgaggg tagcgtatta tctcaaacat taaaagtggc 300
 ataaaacaaa ttagcaagac tatnttagtt caactgcttt ctcaaagtca actctaattgc 360
 attctcactg ctttcgttaa taaacttggg tcaatgctag atcact 406

<210> 151
 <211> 440
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 151

tatcttggac ctcaagtcga tgtagttgaa cctcagcttg ctgaactcac ttcccaaccc 60
 atagctgaag atgtccttgc aacaattagc acttcagta ttccatataa aatatctcct 120
 ttaaccacct ttgcttcaac ggggtgtgtc aaagaaagga ttcaagaaat gttgtgcctt 180
 caacaggcca acctagaaga aaccatggaa aagagtttcc tcttttaatg catggaaaca 240
 aatttgctta tcaagaacac cttggaagct tcactcaagt cttcaacga ctttgttttg 300

ttcaatatga atatgcta at gcaacaacga ctgcctccaa ccgtccaacc ctttctgcca 360
ccaccagcta cttcttccac actcacaact tctaaaaanaa ttgtgctgtg cctcgacctt 420
caccacctta gtcaccacca 440

<210> 152
<211> 395
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 152

agcttgtact cttgttgagg gaacccttac tcaagctatc ctaaaatgaa tacaacaaac 60
cataaaaatt tcatcacact catagcaa at cagaaataaa tggcgtgaat ggtttatcat 120
tacagttaca acaaatcaaa cacaagtggg gcacaaatca aacatgaatg gtgcgaatgg 180
tttttctttg caactactat ccacanagtg agatagaggt tagggattaa acaaatcana 240
gcacacaagt aataatgtta tttgtagtgt gagaaaataa caattgaaga atgctaaggc 300
gcgaanaaaa ttcaattaca cttctccann aaatgagata aagcttcaag attaagaaaa 360
tacaagtgna aaatttaaaa gtataatggg atctg 395

<210> 153
<211> 376
<212> DNA
<213> Glycine max

<400> 153

atacgttgct cattgactct cgattgctac acagaatgac caagatcttt acggtgatct 60
gcagaagagc atagaccaca gactcttgcg acatgtgtag atttcttatt catgggaaga 120
cgatgtacta cggtgaccaa cggatgaagg tctccttcag gctttttatt ttcacttgac 180
gaggaggaat gtgcggccac ctgatggact cctctaagaa caatagcata atttcttgca 240
ctgaattgtt gagagttgga agccatcttc tcaatcaaat tcctagcttc agcagggggtc 300
atatcaccaa gggcttcacc actggcagca tcaatcatat tcctctccat gttgctaagg 360
tcctcataga aatatt 376

<210> 154
<211> 264

<212> DNA
 <213> Glycine max

 <400> 154

 agcttagaag aattaaaaat gaaaaaaaaa actataataa ctaaaattgg aaagacgtcc 60
 acttataagg actaaaatta gaaaaataaa cttatagaga ttaaaaatta aaaaaaatgc 120
 taacttacag ggacaaatac atatttaagc ttaaaaataa cattattcta aaattaaaat 180
 ttgggctcct agttagcatc aaaacagtcc atttattaca attaagatca agccagagat 240
 acttaaataa aataaataaa aaat 264

<210> 155
 <211> 314
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 155

tgttacaaat gtggtaaacc ttatagaaac taaaggctgn tcgagtcgtg tggttgtgcc 60
 ggataaacat ggctttgcag cagccaacaa aggctcgcaa tgacgatgga gaccagtgtg 120
 atgctcgtcg gagatgcgtc acgcgatgtg tgcgtgaacc tcacacgcca aggccctgca 180
 tgggggttgcg tgcggcgtg ttatgagttg gctgcgca tggagtcgtg gacgatgtgg 240
 tggccttttg cgatgatgat gggcattggt tacctgtgaa aataaaaagt ggcaaggctc 300
 accacggacg cttt 314

<210> 156
 <211> 403
 <212> DNA
 <213> Glycine max

<400> 156

 agcttaacaa tccttttgat ctatttcaaa atatttctat ccctatcata taacttgcct 60
 cactcatatc cttcatttta aagttacaag agagaaactt tttcgttgag catttttcta 120
 aattggaaat tgtgatgttg agcatttttc catcttaa at ctctctagta ctttattgat 180
 atatgctttt tgagacaagc ttaacaatcc tatgatctat ttcagaatat ttctatccct 240
 atcacaaaac ttgcctcacc catatccttc atttcaaagt tattagagag aaacttctta 300

gtctcatgaa gaagatcaag atcattagtt gcaagcaata tatcatcaat atacaggatt 360
 agaaaaataa ccttactcct actgaccttc agatatatac att 403

<210> 157
 <211> 450
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 157

gtatcccaag ctggacttat atacagtatt ctttgggtcta ccatatacta tggctctaac 60
 ctatcgacga acttattgga agaatccctc ccgactagca tatatgatcg tcttaccac 120
 caacttctct ctaagctcta ttagtcgtta ctctcttgat ttacgggatg ttgtgagcgc 180
 cttgttcttt gacttgagta gaagtactca tctctacaat taatcgatat aataaaatac 240
 tcaataagaa cacgatgggc aattttaaata aaaaaatta tgaatggta actgttatat 300
 ttaacaacta ttatcaacat aggatataag attatgagtc ataaagtatt agatgtaata 360
 gtgggtaaga aagtaaagaa tgataatatt aaactaaaaa ttcttatgag cctacgatag 420
 aagaangaaa attataaaaa tcggaaagta 450

<210> 158
 <211> 401
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 158

agcttccaag aatcaagatc aagattcaag actcaagatt caagaatcaa gagaagactt 60
 aatcaagata agtatgaaaa gggttttttaa aaaattgagt agcacatgga tttttctcac 120
 aacatgttta tcaaagagtt tttactctct ggtaatcgat tactagattg ttctaatacga 180
 ttaccagtag caaaatgttt ttgaaaaagt tttcaactga atttacaacg ttccaattga 240
 tttcaaaaag ctcttatatg ttttggaat cgattaccac tgtctttgaa cgttgaaatt 300
 caaattcaaa tgtgaagagt cacatccttt cgcataanag ctttgtgtaa ttgattacac 360
 tgatttggtta atcgattacc agtgattggt tctgaataaa t 401

<210> 159

<211> 387
 <212> DNA
 <213> Glycine max

<400> 159

tcttatccaa ggctcatctt ggaggcgaag ctacttcttc catggcttat tccctaattg 60
 aaggcgcta ctctcagctc ttctactttg tcttccgctg catctacatg gtggaaaatc 120
 actattaaag gacctcattg aagctcacag atccaacctg catagagacc ccacaggcaa 180
 gcttccatca taaccactct atttgcccta ccagggatat ccaacttgga cactgcactc 240
 gccaaagtaca tacacgacat acatcattac aatgacacta tcaacatcca cagcatctaa 300
 gtctgatgac actatgatca tctacctgat cccgtctcga tgtcattctc aacatcaaca 360
 gtatctgatc tcaatgacat aatcaac 387

<210> 160
 <211> 411
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 160

agctttccat gaatcaacaa aatgaataga taactcacia cactattggc atccctgcct 60
 ccacaaagca gaagaagtcc atcagagcgt gcacttgagc ttgcatacct agtcaaagat 120
 taaatggtaa aatgaaaatc gcaccatgac aagttgcacc aaatgatagc caactaatat 180
 atttaaggta agtctacact tcacagaatc gattgtttac atcttctaata gtaagatatt 240
 taaagtattc tcttgtgctt acaaaaaaca aaaagcaata atgtggtaac tttgttccac 300
 aaacagtaat attaatgcta atcaaaatgg ccaaataaga tgagattcaa ttcanaccct 360
 actcaagctg cagtctaact caagttntcg tacagaanat canaagaaaa t 411

<210> 161
 <211> 442
 <212> DNA
 <213> Glycine max

<400> 161

tgtagactga atctatacca taaaaaagat ttgtgttcag tacaccgctt atcataattt 60
 tttttttctc tagccattat ttttagggag gtagtttagc taactcacgg attttaattc 120

tttacttgca tgatgattca tttttccttt ctatacacat tgtttttttt gaatgatttt 180
 tacatatgta ttgaatcaaa catttcagaa ttatcattta tattaacgct atttatccgc 240
 atagtttaaat tggccatcgt caaacttaaa tatacggcag atatatatta taactttttg 300
 tataatacat gatttttaac aaaatcttta tttacatttt cttatgataa gggattagaa 360
 cttttttttt gtggacaaga gatacaagtc tctcattcct ggaacatata taaagctgaa 420
 tgaatatgaa atgccctccc gc 442

<210> 162
 <211> 324
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 162

tcaagcttca agttagaagt tgaacacttt tatgttagaa gtgtcaaagt aggaaatctg 60
 aagcgttggtg ttttctatgg ggaactacaa ggcgctagga gtagatgggt tccaatctat 120
 tctctataag agcaaataag atgttggtgg tgaaaccttt tgtactctta ttagaagtat 180
 nttttataat cccactaaca ttgatgattt taattatact cttattgctc ttaattccaa 240
 gcaagatgtg ctcactaaca tgaagcactt taagcgcata atgttggtgca atgggttcta 300
 cagacaatga caagaatatg tctg 324

<210> 163
 <211> 379
 <212> DNA
 <213> Glycine max
 <400> 163

ctaaacgatg ggctagctta agctagccag gcaactttca tgttcttcat tagagaaact 60
 agctcagaag tgtgtcccta atgatctagc ttaagctagc ttggccactt gcaaattgtg 120
 tacactgttc tttcaatgat agcttttaaat atctcttcaa agagatcctt actgtagttc 180
 ctacaaagag actgaacgac ataaaccacc tcacagctag tacactaggc tcttaaaata 240
 tttctctaaa gctgagttta ttcaaagatc aaccaattg tgctcaaaca atgttcagaa 300
 gcatgagaaa catatcatag ttgtcacaaa aatcgcaaaa aacaagtaaa agaggtaatt 360

ataattgata tctaactct

379

<210> 164
<211> 173
<212> DNA
<213> Glycine max

<400> 164

tgcttctata ctttatacaa gaatgaagct ctgataccac ttgttagaca agtggcctca 60

catatattaa gaaggggggg ggggggtcca tcttagacac ccgcttcatt ctctcctcat 120

ccttatccaa aagtatttat tctattctac gcctcccata tattgatctt ccc 173

<210> 165
<211> 377
<212> DNA
<213> Glycine max

<400> 165

tgaaggatgt aagattctgt gattcttcaa tgtccaccac aatgtgatca aactttgatg 60

tcagtgttct gagcaccttc tcaatcacca gttgttcctt aatttggtct ccacagcact 120

tcatctaatt ggtgagtgty agaatcttgg tgaaatactc agctactgat tcagtctcct 180

ccattgcaag aagctcatac tgtcttctca atgtctgaag ctttaccttc tttatctttt 240

ctccaaagat aatccaatat ttatttagat caagatatct aaatatatat tttagtaaag 300

taaaagatag atacaattgc tttaatatat tatattgtta ttcttattct cgaaagatgt 360

tattatcata atatatt 377

<210> 166
<211> 449
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 166

tgttcctana tgatgggcta gcttaagcta gcctggtaac ttttaagttc ttcattagaa 60

tagctagctt aaaagtctgc ccctaagat ctagcttaag ctagcttggt aacttccaaa 120

ttctttacac ttttctttca atgatagctn taaatatctc ttcaaagaga tccttaatgt 180

aattcctaca aagagactaa acaacaaaaa ccacaaaaaa gcaataaaac taagttctta 240

aaatatttct ctaaagctga gtttattcaa ggatcaacca aattgtgctc aaacaagggtt 300
 cagaagcatg agaaacatat aatagttgca aaaaaaattg caaaaaacaa gtaaaagtgg 360
 taattataat tgattattta actctagtaa aaaaaaaaag cattgatcgt ctaaccttat 420
 tttatcaatg gttaaatact taattcaat 449

<210> 167
 <211> 331
 <212> DNA
 <213> Glycine max

<400> 167

agcttgggtct tgattttttt ctaagttctt taacaagatt agaacaatat acttgtcctt 60
 catttaactg tctttgggct tggcggccac gatcaacaaa gtactttcga cacctactat 120
 atgttgattt gaccaacact gttatcggtg tggtgcgaca atccttcaaa accttattta 180
 tacattttga gaggttggtt gtcattgtggc catatcgacg tccttctcta tcataagcca 240
 tcgtccaatt ttcctttgaa atacgatcaa tccatgttgc tatggctgga ctcagttgaa 300
 cggaattttc taaattttga ttaaaaaaaaa t 331

<210> 168
 <211> 449
 <212> DNA
 <213> Glycine max

<400> 168

tgtgaagtgc cacgttagag aacagaacac tcttttcttc tctctgtttg aacaggctct 60
 tcttcacgag aaattattac tctctctact ttatcattag ctcttatttc agtgtttgac 120
 tttttgcgtt gttgcttcgt tgagtgtgca ctcggttctg tttggcgtct ggacaaaaaa 180
 catgggggaa gaagaagaag aagaagtga cgtcaccgct ttgcatcatc caaacagcgg 240
 aaacgatgat cagagcctcg aattcgatat atatcctttg agcagttact attttggatc 300
 caaagatgct gtccctcca gagacctcac cttagatgat cgtgttctca ggatgaagta 360
 caagctcggg ttctttcttc tctctctgc ttatttctac tgcaatataa acactctctt 420
 tgttctcttc ttaactatt ctttctttc 449

<210> 169
 <211> 394
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 169

agcttgtgct attcatcttt ntcattctct tctccctttg ccaacctgaa ttcttttgtg 60
 tctcccttct ccctttccaa gagaattcaa aggaccccg ctagaattc ttttgattct 120
 ttcttttccc ttaaacaaaa gatttcaaag gactaactgc ctgagataatc ttttgtttcc 180
 ccttacaag attcaaagga ctaaccgcct gagaattctt tgtcttaaca cattggaggg 240
 tacatccttt gtggtacaag tagaggatac gtctacttgg gttgttgaac taagaataag 300
 agaggggtaca tctcttgtgg atcagttcaa gtggagggtta catccacttg gttgttcaaa 360
 gagaacaagg gaaggtacat cccttgtgga tctt 394

<210> 170
 <211> 463
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 170

tgtgctttta gcccacttaa caaaaaactg tttttataaa gtaaaaaagc cacactcttg 60
 acaagtctta catatgttgg caataaggct caacatatag ctctctcatt tacagtaaac 120
 aaaactttta aatttggttt aggccctact cacccttggg ttggatcaat tgcaccatat 180
 aaatatgtgt tccccgtgga ctaacaaatt ttatttggtt tttatcgttg catttagacc 240
 tttgcatgat ggcgactttg atgtcataca cttacttgc gctctttttt cttacacat 300
 ttgttgcatt tcttcaatct aatttggtga atctgggaat cagggttgtaa gttatgattt 360
 caaggaaaac agatttgccg atctacaccg atctgcgac agctntccag aatcaagggt 420
 cttctatgcc ggcactcctg ctacatcaaa tgcanaagca gct 463

<210> 171
 <211> 417
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 171

agcttgcttg tgggtgcttct atggaggctg gatctttgag cttcaatgag gtcctttaat 60
ggtgattttc tatcatggag atgcagcaaa agacaaagga gaaaagggtga gaagaggcgc 120
catccaatag gtaataagcc gtggaagaag gagcttcacc accaagatga gccttggata 180
agaagcttgg aaggatgctt caatggagga aaagaaagag ggagtgaaag agagatgggg 240
gagcacgaaa ttgaaggaat aaaagaggga gagaagttga actttgagtt gtgtctcaca 300
agactctcat tcatcanagt tacaataagt gttacacatg tttctattta tagactangt 360
agcttccttg agaagctctc ttgagaaaac ttccttgaga agtttctatg agaaaac 417

<210> 172

<211> 461

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 172

tganatgagg aagtgtggaa ggggtgagact tcctactttt attcgttggc cacagagtgg 60
tacctggaga tatgtcgcgg nggtcaggag accttgggga cgtcagggtgg ggtgctattg 120
cccaaaacca agcttgacca atcccgaccc aaccggggca tagtcagtca gtgagaacct 180
gtgatgtacc taaacaggcg agctcctgga agtcaatcga taaaagaaca aagaccacaa 240
agcaaggagg cttgtgtggt ggctggccag ctgtgaatct tgagtgatat atgggatagg 300
gcctctggta atcgattacc gaggggtgggt agtcgattac aaggcttana agtgaagaca 360
ggaagctaag atggcctctg gtaatcaatt accaagagag tgtaatcgat ttccaggctt 420
annaacgaga tcaggaagct aagagggctt ctggtaatcg a 461

<210> 173

<211> 260

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 173

tttcttctat gattcattct atgcacccat atatcgtgct gttggatgga caacaattgc 60
attctcggtg gggatactaa tctactgcgt ttgcaatact ctactccat agtaacaaca 120

caagtttcaa agcaaactta tggtagacaca agatgatata gtgcgngcta gttgtgatat 180
 tcattagctt aggataaaat caattccgac cgttcggtcg tgccgtaacc acgttggaag 240
 tcaaagagag gtgaaaaatg 260

<210> 174
 <211> 237
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 174

tagtagaaga tanacactgc tagggacgaa cctggcaatg aagacatgct gtctactcta 60
 tatcgggaacc ggtgataggt tcaaacctaa ctattttatt gatgataata tctagcagga 120
 cctatggcta ccatggaagg atgcagtgat tgtgacacta ttatgaatac tgatatggat 180
 tgtcacaatg cacgataggt tgtaatctat ttggacatta tcacgaagag gaattaa 237

<210> 175
 <211> 324
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 175

agcttgaaat tgaacaacgg aagctctcga gaaaatcgag tggtcataaa ttttcacaca 60
 gatgtccgat tcgggggaaat aatatatcga gacgcacgaa attgaacaac ggaagctctc 120
 gagaaatttg aatgggtcata acatttcact cggtatgttcg atccgggggac ataattttatc 180
 gagacgctcg aaattgaaca accgaagctc tcgacanatt agaattggctg taactttttca 240
 cgcgaaatggt cgattcnggg acataactca tctagacgct cgaaattgaa caacggaagc 300
 tctcgagaaa tttgaatggg cata 324

<210> 176
 <211> 381
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 176

ngccgccacg gagtntnccg actatgctct tgtgtgttgg aacaagctac aaaaggagag 60

agcaagaaat gaagagccaa tgggtgatac atggacggag atgaaaaaga tcatgaggaa 120
gcggtatggt cgggctagtt actcaaggga cttgaaattc aagctccaaa aactaaccca 180
aggcaacaag ggggttgagg agtatttcaa ggaaatggat gtgctcatga ttcaagcaaa 240
tattgaagaa gatgaggagg taactatggc tcgatttctt aatggtttga ctaatgatat 300
ccgcgatatt gttgagctgc aggagtttgt tgaaatggat gatttgcttc acaaagcaat 360
ccaagtggag caacaattaa a 381

<210> 177
<211> 276
<212> DNA
<213> Glycine max

<400> 177

agcttattgg ttaaaaaggc gttatttgaa tcacttagat aaaggtggaa gttataactt 60
cctccattat taattaatct tctttcacc actctctcca tatataaacc caccctcaat 120
gctttcaaaa agtttaaaaa ataattataa gaaaaatggc aacatgtaaa cttccaccta 180
cctaagttca gacaaaaaac acccacacac acaaagaagt taaggaacaa attggaacca 240
taagcattct ctcttagtgg agaaggagaa aataat 276

<210> 178
<211> 459
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 178

tannagttga aaataatata aaagtcctaa tacaggtcca gcatgattcc actcactagt 60
acaaaactca cctactaaaa tgtgtgctaa ccagtgtatc atacagtggc ctccattcaa 120
tagttagtga aatcttttta ctatatttgt tgagtagtct aactaataaa tttccccatc 180
taacctaata aacaaaaaat ggcacaatca tttaagagca agcagagaca tatagagaac 240
aagaaaactc agcatctcat ctaagacaaa atgcagcagc acctaagcat aatgcttatt 300
acgggacaca tgagatatct caaggccctt ctgaataagg ttgtgaacat cctccanagc 360
tacatcaett ttttccttta tgaaattgca caacacacat aaaaagttag atttcaaccc 420

aacaaccaac tccatctgga tacaagccat gagtgaaaa

459

<210> 179
<211> 330
<212> DNA
<213> Glycine max

<400> 179

agcttgtaat cgattaaact gatatgagac atttgtctgc aagcttcaaa cacttggtga 60
actggttact atcagtctgt aatcgattaa aacagaagag atgtaactat agaggaaatc 120
ttctaacttt agaacttttc ttctaactcc aacatgatga tgcattgatac acatatgaaa 180
tgatagagac aaagatgcaa cacacagtac aataatcaat acaaattgtca ttcaagagag 240
ttgggcatgt agaagacaat aagatcaagc tcttctttaa gctgtaatgc taagtataca 300
tggtgcttcc cctatctcta acatgcaata 330

<210> 180
<211> 457
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 180

taatcttaca aagctctntg aaagaagggt ttctatgtat tgattccttc aagtatccat 60
cttgagatac ttttcttgaa gaggaggaat atgcaattgg agtgatgga gaaaggggaa 120
tagtgctcaa gcaatttccc atcagactca ttattgctcc taacccaaac agcctgatat 180
ttaagtatag gccaaactgca atgaagggtt atccccttgg tcccaccatt tttgtctttg 240
tgggataccc taacggaact aagggtact atttctacaa cacatatgag gaaaaagtat 300
ctatcactaa gattggagtg ttccttgaga agcaatacat ctcccatgga gccaatggag 360
gaatgtagat cttggagaaa tccaagtggc acataacatt gatccaccta caatggaaca 420
agaattgatg ccacaaaagc attgtagatc catctttt 457

<210> 181
<211> 368
<212> DNA
<213> Glycine max

<400> 181

agctgtggaa agtgttgttg tcaccttctc gctaagccac tctgatggct tatcgagcgt 60
 ctgctatatg caacattcct gggctaagcg caaggaagaa tccataagaa gatgagctgt 120
 acaagtgcgc taagtgcacg cgcttcatct tactaagcgc accacttgag ttcattctgct 180
 aagcgagaaa agcgggctaa gccaaaaatc actaacgtgc gctaagcggc ccataagtgc 240
 gctaagcaca cgagcacaaa caaggccgcc tagttaagcc tgaaatcaga tcttgtgaaa 300
 ggagtatgga ctaagattca gagctctgca tgcctagggt ttctagagag agaaagtgca 360
 agttctag 368

<210> 182
 <211> 377
 <212> DNA
 <213> Glycine max

<400> 182
 gctattacgg acctataata ctgagctgtt tatccgtttt tgtgcaagac atatttaaac 60
 cgatcaattg tcatttaagg cgttggacca ttaacgatct cttgggtttt taaaagtagt 120
 ggtaaaggta gacgtttatt gtatgtttcc gaaggatcat attaaccaat aaaagcagag 180
 agaacctttt aaggcattgg accttaaaac ggttttttagt gacttttgcg gacaaaagct 240
 tcatttgaga gttgatttta gccttaagtt cactttgggt attagtcaat tcattcaagg 300
 aaacttgcaa agaaaaatgc ccgactgagg ttttttcttt ttgagattgt attcaaagat 360
 attgcgatta ttttatt 377

<210> 183
 <211> 364
 <212> DNA
 <213> Glycine max

<400> 183
 agcttagaat ggccgaaagg gacgagtcaa ggggtgtaag catggcatta aaggataaat 60
 tgaaggcttg tcataggtca aagagaagtt tgaccgaaca atcgagtgga acggaagaga 120
 atatgttgac gatcattgat cagtataagg agaaggtaaa cctagctgct agtcttaggc 180
 agagactaga ggatgatcat gcgaaggat tgactctaca aatggaaagg gaagcaagag 240
 agagggatgat agaattcatta cgctgggaag ctgtgaaatg gatggataga ttcgctctca 300

ctctgaatgg gagtcaagaa gcttcagggg attagccaga accagggaat gacggaagta 360
tact 364

<210> 184
<211> 439
<212> DNA
<213> Glycine max

<400> 184

gtctccacta agttgcctaa tgcctgaaat gtcttttctg atggcagagg tcctagatgc 60
agggaagaat ttctccaaga acaccctctt aaggtcatcc cagttgaaaa tggacctggg 120
agcaaggtag tatagccaat cttttgccac tccctccaga gaatgaggaa aagccttttag 180
aaagatatga tcttcttgaa catcacgggg cttcatgggtg taacaaacaa tatggaactc 240
cttaagatgc ttataaggat cttcacctgc aagaccatga aacttgtgca gcaaattgtat 300
tagtccagcc ttgagaacat aaggaacacc ttcacagga tattgaatgc acaagctttc 360
ataagtgaat tcaggtgcag ccatctccct aagagtcctc tcacgaagtg gaggtagagc 420
catgttctca gtatgaaaa 439

<210> 185
<211> 396
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 185

agcttggaga ggatgcttca atggaggaaa agaaagaggg agagaaagag ggagggggga 60
gcacgaaatt gaaggaagaa aaaggagag aagttgaact ttgagttgtg tctcacaga 120
ctctcattca tcaaagttac aacaagtgtt acacatgctt ctatttatag actacgtagc 180
ttccttgaga agctntcttg agaaaactct cttgagaagc ttctttgaga aaacttcctt 240
gagaagctag agcttagcta cacacaaccc tctcataact aagctcacct tcttgagaag 300
cttccttaag aagattccta aagaactaaa gcttaactac acatacctct ctaatagcta 360
agctcacctc ctgagatgag aactagagct tactcc 396

<210> 186

<211> 139
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 186

tcataagcat ctacccattg cgtcaanaga tacatgcaaa gtgctacaca tgctgctctt 60
 tatacactga ctacctacct tgatgggctt tctatgagga cactaccatg gaaaacccta 120
 ttgtaatatc taccttgat 139

<210> 187
 <211> 396
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 187

agcttcaaag aagactattg aagtgtggtt caatcaattt acaaactttt ggaggcagta 60
 gacaaagatg acagctggga aaggacaact agcagagtca ttctgaggta gtcatgttga 120
 ggaacctttc tgatgagcat tttaaagtaa aatcagaatg gtgatgttag ctgagaaagg 180
 atccatactt gaagtagatc cttttgatga agatcaacta ttatgtcttt ctgaagtagc 240
 agaactgcat caattntaat acatcttcac aacacanagc atcctgaagt agattgcttc 300
 attaaatcac agtgaaggca tagnttcttg gtgttttagtg gtctatcana agttagaatg 360
 tgtaaagtct tcaatcttcc attctgatga tccaca 396

<210> 188
 <211> 395
 <212> DNA
 <213> Glycine max

<400> 188

tgacactatc caagactcta tacaatactg aagctctggt ctctacagat cttcacacag 60
 cacaagtact cttaactctc tggagcttgt acctttctct ctctagaaac cctagacatg 120
 cacagatatg aattctaate catactgccc ttgtaaaatc tgaatatacg ctcatatatg 180
 cggccttggg cctgctcgtg cgctgtacgc acttatggac cggttaacgc acattagaga 240
 atttacgatt acagcgtgcc tttctcgcat atcgaatgaa ctgaatacgc gcacttaacg 300

agatgaagtg gtgcgggtcac agaacgctta ccaatcaact tttccagag tcttgctcgc 360
acttaaccca tgaatgttgc gcttatcgga cactt 395

<210> 189
<211> 499
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 189

cgattgaccc tttgagcccg agatcccggtg agtcacctgc agcatgcgag ctatgcagca 60
attgaaatgg tcacaactgt tctctctgtt ttacgagagg ggcacataag atattgagat 120
gctcgaaatt catctatgga tactcttgag caatacaaat ggtcagtgc ttttactggt 180
gaggtgcat acacgctcat atgatatcgc gatgctatac attgaacaac agaagatctc 240
gacagattca gaaggtcata tctntcact cagaggtctt agtcaggccc ctagcatatc 300
gagacacgaa tattgagaga acgaatggtc tcgacaaatt catatggaga gagattttca 360
cttgtatgtc tcatatatgc gcataaggaa taaaaacgct cgggtctgtt gatggagagg 420
tctctagaaa acaaaggggc gttgtcttgc acgcatggca attcagcaca gagtgatgtg 480
acctcggata tactcttcn 499

<210> 190
<211> 428
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 190

gaggaagcaa ccctgctcgc ctgggcgagc tgagctcgcc tgggcgagct gggcggcaac 60
cacctcccct attttgctat aaatagggga ggaaatgaag aaggaagggg tccggcccct 120
ttggcacttc tctctcttcc gaatttgctt ggaaaaattg tttccgtgaa gaaaatctaa 180
gccgaggcgc ttcgaaaacg tttccgtaac gttttgcgtg aggaatctag cagaggtttc 240
aacggttctt cgacgatctt cattcgataa gcacgatctt tcgaccttct gcgggtaagt 300
accgccaacc aagctgttca atgagagtta tggacctcgt tggcttcaca ttgcactcgc 360
tgctatattc tcctatagcg ctgacactag aacangaagc tgatttggtg tagcaagtaa 420

ataagact

428

<210> 191
<211> 238
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 191

aacattcttt tcagctaang attatatact tatgttcttt tcaaatgcan aatcactaga 60
tggatgaaca tgatgacatt gacatcttgg cttctagcac aacaggagaa atgttaacgc 120
ttttctccgt agggcatana aatcaatcta ttgcatggga tcacttttga taaatgccat 180
acccaatcc tttatcccaa gctaaatgtc gacattgtgg tgctntgatc aaatatag 238

<210> 192
<211> 210
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 192

tcatatctcc canaacccca tacncacgan nattaagaga gaaagaagtc cacccagacc 60
tggattntcg aagtcccact cgtagccacg cacttcacga ccccgaanat gccctccttt 120
cgcgatttgg agcagaaatg agcaccaaag gttggagctn ntgtcggggt tcaatggaga 180
atggaggaga aggaaaaagc aacgtgagga 210

<210> 193
<211> 220
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 193

gagtttcgaa acaagagtat aaagtgtgca gagtcaaate tggatatttg cttggatgan 60
natgggctag aatatatcta anatcagata cggnnnggtg actgcatctg gngtcggaat 120
gaggganana aatatgcta actcaactnn taaaaanaat caactaaggc taccggagta 180
ctatacgaac tntggtcata tgctntgatg atgagagatc 220

<210> 194
 <211> 209
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 194

attattcaga tgctttatga atgacaatca aagggtgactt ggaaacaaga aattaaagag 60
 actttttcatt tgccaaacag ntntatcctc tcaaaaagaa taagaagtnt tctgaactga 120
 aatgggtntat cctctcanaa agattctttg gtcaaccact tgcattattca ataanggaat 180
 ttgattgatc ttcattgtac aatctatct 209

<210> 195
 <211> 194
 <212> DNA
 <213> Glycine max

<400> 195
 actactcata attaattgcta ctagaagagg atgactgata actattatta ctataatattc 60
 caacaagcta ctcaccattt aggaagttga tctgtattac ctgaacaatg gcaactatga 120
 caatgatatg ttatgttcaa acattatacc ttgagttagg ctatgctgta gaaatgagac 180
 taattaatgt catt 194

<210> 196
 <211> 366
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 196

accatggtaa tcagaataga aagtctactt cttatgtaag agttgcagag attcctttct 60
 cactttcac ttattacagc tagaacctat gtctagctga tggttctatc ggctgtgatg 120
 caaagattca ctatcacctt gtatctaata taaaagtggg cagattcaga attgttactt 180
 tagaccacgt aaagaataat atgcatattt gacaatatag accaagagaa actcagatag 240
 cacaatccag tggtagagaa gcaacactta atttagtggt cannagtcgt atatagacat 300
 gagaatagat accttgccan aattatccat aagacattta tttccattcc ctaccagtgt 360
 attcat 366

<210> 197
 <211> 276
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 197

atgccctctc tctcttctcn tttctctctc tcttctggct ctcctatatt cgn ttatagn 60
 tctaggtctt tcttagacac tnn tttcatt ntgcaattcc actnttagta ataaaaattc 120
 gctcttcaat ctataatttc gttctctatt gattaatgca aggctaagtc tccagcgtct 180
 gtttctcttg aggatcaagc acagttctct ctgaggtctt attattactg ggtaaattct 240
 gntcagtttt tctcttcact acatactctg aatttg 276

<210> 198
 <211> 234
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 198

caataatcaa taatctatct ttcaatcttc tctcaacatc attcaatatc tntcaactct 60
 ttctacacna atttctgatt catttctctt catctttcta aaagt ttttg ttcaacactc 120
 tctcttatga gaaaagttct ttgttcanaa acttggtgta ttcac tcttt tcattctctt 180
 ctccctttgc caaaagaatg aagg gactaa ccgcctgaat tctttgtgtc tctc 234

<210> 199
 <211> 499
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 199

atgaccctta gancttcaga acnctctaga gtccacctga ngtatgagag cttcagacag 60
 ttagcaatcc tgtggtgcat tg ttttctat gaactaccat tatcaagtaa tattggaacc 120
 accatgccat taattgtacc actaaacttc atagttccta ggccagagga acctttaagg 180
 gcattataag atagatgatg gtctaaattc atatgtgcc a tggcttcctc aataatagaa 240

ggtggctctg gttgcacttc agcattttca tctcatcca ttgcaatagt aggcattgcc 300
 gattatgaca cctatgataa gaagtgaact tctcatgaca tgtataacat agccctttct 360
 cccttcgaat ctgcatttca gctggtgaca ttcttctaac atttcctggg atcggaatac 420
 aggagtttga tctaactcag tctaggcacc tgagtccaca ttcccttgaa tggatatgct 480
 aagagagaga cttgtgact 499

<210> 200
 <211> 299
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 200

tgtcgctaga gctgacccat caactgtcct atctctntca gactggcgac tcttangctc 60
 ttgatcttga cttgatagaa cctctntnta agtgaagggg gcctgactcg atcccatggt 120
 tactaaagtg gaataaaaaac cagtgcgaat caagactgtg acatctatca caggtgaaat 180
 ggatgaatgc ataaagaaat gcatatggca cagatgccat ttacggatac ganagcccga 240
 gagaatatct atttcttana tacaacattc nggcagcata gtgcccgatg catgcattt 299

<210> 201
 <211> 429
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 201

attattatct gaactaccat tatcaagtaa tatttgaacc accatgccat taattgtacc 60
 actaaacttc atagttccta ggccagagga acctttaagg gcattataag atagatgatg 120
 gtctaaattc aaatttccca tggcttcctc aattctagaa ggtgggttctg gttgcacttc 180
 agcattttca tctcatcca ttgcaatagt aggtattgcc gattaggaca cctatgagaa 240
 gaagtgaact tctcatcaca tgtataacat agccctttct cccttcgaat ctgcatttca 300
 gctggtgaca ttcttctaac atttcctggg tntggaaaat tgganngtgt aattcatttg 360
 gggcttgga gtaacggggg catgcttggt gacttttctt actgacacta ccgctgactt 420
 ctacttctt 429

<210> 202
 <211> 433
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 202

atgactattg aataatctat tcatgtttcc tttgatgaat ctaatgctat ttctccaaga 60
 aaggatattt tagatgatgt tgcagaatct ttagaacaaa tgcatattca tggacaagat 120
 tctaaaggga aagggaagg aagcaatgaa gatcctccag aagaagccaa atcaaagtat 180
 gaaggtggca tccatggagt tcaactgacta tgctcttatt tgggtgggact aacaacaaga 240
 agatttggag aacctttggt gaatacttag gaggacatga aaagattaat gagaagaaga 300
 tttgttcctt ctattataa taaagacctt cataacaagc ttcattaggct catacaagga 360
 anaaaaagtg tagatggata ttataaagag atggagaatt ccttgagtag agccagtctt 420
 aatgaagatc aat 433

<210> 203
 <211> 240
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 203

acactcgngg atatgnggac tntctctatt caactntnnt gttcgtccta tcagtagaat 60
 tcgtttgtag ttccgtacac aattntcttt gcttcttcag ttacagtga gttagatatg 120
 ttctaattat taatttcttt tctttttttt tcgaatattc catntaccat aaatagttgc 180
 agaagcttct gtcacaccta taaaaaact ntatatttga cttgacgaat ntatatgtat 240

<210> 204
 <211> 437
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 204

gtgtccccc tcgaaatgan aaacctttat tcaaaccttt canagntagt gagaaggcta 60
 aacgaaaaat aggggaactta gaaaagctaa atccttaact gaaggcgtag gtgacaatca 120

tagtgaatta ctaaacaaga atggtagttt acttaaggtc attccagata cctcccaagc 180
ctcggaaaat acttctaana tggtacaag aagtaccttc aaatttaata atggtattaa 240
tgaagatagt gaccaaactc agatacacac ttggatagga cactatcaga aagatataat 300
ccaataattc aaaactgaaa cacctcaa atatatcacg tcaactgccct gcctctatag 360
agaagaggaa acattttaaag ttagtgaata cattacgatg acataatgac aacgagatac 420
atatgatacc tcacata 437

<210> 205
<211> 505
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 205

ntgaccctga accctggatc tctaagtcac tctgaagatg cagcgtang aganaccata 60
aaaactaagg tagtttctaa actaaaatca attgaggaag cttcgccaag tatccccatt 120
gaaaaacctt tattcaaacc tttcaaagtt agtgagaagg ctaaacgaat aattagggaa 180
cttagaaaaa ctaaattcctt aattgaaggc gtaggtgata accatagtga attacttaac 240
aagattggta gtttacttaa agtcattcca gatactcccc aagccttgga aaatacttgc 300
aaaatggtaa caagaagtac ctacaaatta attaattgta taattgaaga tagtgaccaa 360
agctcagata acacaactga gataggatca gtgtcagaaa tgaatataaa ttcaattaat 420
tccgagcact gggaaacacc ctccaaatta tattatcaac gtccaactgg ccttgacctt 480
ctattataag aaagaggaga aaacg 505

<210> 206
<211> 424
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 206

tgctgactcg agagacaagg acaaccact ctaaagcatt tacgccatca gactcactgc 60
ttgaggggtt gtacatcatc cagaaagcga atcccaataa taccgactca agagacaagg 120
acaactcatg cttaagcatt tatgccatta cgcttaatgc ttgaggggtt atacaccgta 180

caagatgaat attctattaa taatgactca ggagacgagg aagactcacc cttaagcatt 240
 ttaggcacaa ggataaatgc ttgaagagtt gtacaccgct cgagatgagt attctggaga 300
 tattgcctct agtgaggaga tgacttatcc ctanacattt atgcgacaag gctgaatgct 360
 tgaggngtta tacgccattt atgatgaata tcccananat accgacctaa gcaaaagaga 420
 cacg 424

<210> 207
 <211> 511
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 207

ntgaccctga aaccctcgna gcacctgaga taccctacag acgatgcgag ngatgcaagc 60
 ttcncaaca tccaagtaac tctacattct aacaacacaa accatcacag ccaagaatac 120
 agggcaaagg cagataactc tgcccaaaac accaaccaaa atcacagctt ttctcactta 180
 aagaccccgag taacaattcc ttcgttccaa ttcgttaacc gttggatcga ctccaaaaga 240
 ttactggaag tctctagtagc ataagcctac attatgaccg ttgggatcta ctagcaaaca 300
 tccagaactc attctgaact actctgtcca cagccaatta cacacaagca ttgttctgca 360
 cttgtgcaaa attctgctgc acaatttcac agcataaatc tgcacaaagt gcagatttcg 420
 aataccacac ttcctctcat ccaatcttgc ccaaatcaaa tactacaagt cccnatcatg 480
 tatcaatcat gtctaaacca gagccaagct g 511

<210> 208
 <211> 257
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 208

actattccaa tacgctngga gcagcttaat agatctcaag ctgtgcaaatt attcagagct 60
 aatagattga gctgagtcta aataatgaag gaacagttat tcaagttagc ttcattatcc 120
 tccgggattc ggaaggacac attttgcatt cgatataatg attcacatcg tgatgtagtc 180
 ttgaattatc gtacatctat attacgccgg ttctctattt ttgtacatga atatagacag 240

caacatgcaa tgaacag

257

<210> 209
<211> 488
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 209

acccattgaa tcttgagacc atcgtananc cagagatcct ctagagacga cgtcgacgca 60
tgcaagcttg ggctgggcct acctccatcc ctagagttag ccgtatgagg cggaagctcc 120
acgtacggtt ntgaagccga gcctttctag caatggngcc tagggaccga tatgatgatt 180
ggtttaggta gggcgcccg cctactacgg gcacctgtag ggattagtgc ttgagaccgc 240
gatccacaaa agcatgggac tcacccttta cttgagaatg aagaggggaa tgacacgacg 300
tttcaagagc tatgagagg gtgaacaaa ctgcagagg atcttcctga ccaggcgtga 360
tagagatgcc ctttattacc caactcatat tatcattcaa tcttgctttg tgccactcag 420
tcttgccggg atccccctcc tttctctttt ctctcaaccg gcgtcccttt cctccacaaa 480
cgtgctcc 488

<210> 210
<211> 180
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 210

tgcatctttc ttcaactcct gaagccctat catagcagac tcaagaacat nctgcattcc 60
anagatcact ttcattngaa tgcactatgt attggtagtc ttcccatcca ggaatggtag 120
atgcgttgaa ggtccgttcc cattcatctc tgaaacactg aagcttcagg gatccacac 180

<210> 211
<211> 510
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 211

ggtgccctta ggcttgagac ccctgtagan cccgtgatac tttgcagacg acgcccangc 60
 atgcaagcta tgatgatatg gtcttcacct tcgaaatgat caaagtgggt ctgagaagag 120
 gcaaactctga tcactttgct ttgatacatg cgaacaaaca aagttggggc aaatacagag 180
 ggtgatgatg aatgagaacc ccgagctgtg actgacattc ctatacagcc gagtttccca 240
 ccaacccaac gatgtcatta ctcatgcat agccaacctt ctcttacc accgcccagt 300
 tatccacaga ggccatccct ataatatcca cagagtttgt cgttcgcact ctcaatgacg 360
 accatcatct ttagcacana cctagagcac caaccaagat atgaatttag cagcgagaaa 420
 gcctgtagaa ttaatcccat tccagtgtcc tatgtgact tgctcccata tctaattgat 480
 aactcaatgg tagccataac cccaaccacg 510

<210> 212
 <211> 425
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 212

acatttgctt gttgctcgtg tgctgagtgt gtgatgagat cgtgtagagg ggtttgatgg 60
 aacttatatt tatattagtt gagtgtggct gctagtcctt gtttgtaggg gatattgtag 120
 tctttgcagt taattctcgg cttgtagata ttaatcaata gcttacatat aatgttagag 180
 ataaacattt gcttatagat aaaaaggtag aagataatca aacctttag ataatgtgtg 240
 ggcttataaa taattatttt aactgccaat agataagata ttcaaataca tttgaatatt 300
 agtaggttag agataacctg tttgttggg agtcgggctg gtnacgttca tccctcctct 360
 cttttggcct gccttcattg tngttgcctc ctctcatga ttcttttctt ctaccctcc 420
 ttccg 425

<210> 213
 <211> 190
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 213

tgaagacccg cacanacatt ngaaagaatn tcacattgtc tgctccacca tganaccccc 60

agatgtccaa gaggatcaca tatttctgaa ggcttttctt cattcattag agggagtggc 120
aaaggactgg atgtattacc ttgctccaag gtccatcacg agctgngatg accttaagag 180
agtattctta 190

<210> 214
<211> 224
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 214

atatannnttt tttagtatta tatagaattg aatgttngaa tttaattgat cctgaggctn 60
tggaatgtga ttagcaatct aatgcataa agtatntat ttaggcggtg ggtgatcaag 120
tcaatctctg caaactgttc anatttcaat gagattntgg gaaaagaatc tgagctggtg 180
gaatanatag ctgaggtcta atttcaatac aggaacatta tact 224

<210> 215
<211> 156
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 215

tcttgatgg ctactcggng tataattaga tagcagtaga tcctaaagac caagaaaaaa 60
atggctttac atgccctttc ggtgtcttta cttacagaag ggatgccatt gngttatgta 120
atggccttgc caccttccaa agatgtatgc tagcta 156

<210> 216
<211> 195
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 216

aataccagaa gaatccaggt tctgaattcc atatcttgat tagaaggaaa ggtagcataa 60
tcaagtaaag caaaaagga ttgaatttga ctattttctt tattgctcnn nnnnctngta 120
ttgtttgatt gtcttaaact aattctcttg tttcaagcat ggcaattaca ttcacaactt 180
actcataatt tatat 195

<210> 217
 <211> 181
 <212> DNA
 <213> Glycine max

<400> 217

ttccaccatg gagatgcagc ggaagacaaa ggagaagagg taagaggcgg cgccatccac 60
 tagggaataa gccttggaag aaggagcttc accaccaaga tgagccttgg ataagaagct 120
 tggagatgat gcttcaatgg aggaaaagaa agaggggagag aaagagagag ggggggagcac 180
 g 181

<210> 218
 <211> 274
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 218

gcagctgagc ganggtccaa tcattaccca ttatttacct tcntgnctta catttcttgc 60
 accaacaact tcgtcacttt catanttga aggggtgcta catggaagtt gagggcagga 120
 gaggaanaaa gatggatata attatgtagc gagtggactg aagggatngg tgtggattct 180
 tccatcgtgg tcttcacata nttttggttt tgcatacaat acattgttgg attacgaaca 240
 cctaaatcgg acgaccttgn tagctcttca cata 274

<210> 219
 <211> 249
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 219

accatcacga ttatcgtctt ccttgtcatt attgggggta ccacctgagc cgccagatcc 60
 ctacaccttt tgagcgtggt ctttgaaaga tccgtcctcc tttgtgcaca tgctcatgag 120
 gtgcaccta tccgaaacca tatcaagatt gtactgatac tgactaacac aggcaaccat 180
 tatgtccttg caagaatgga ctcgtgaatg ctccaagtta gtgtaccang taacagctac 240
 ctcagtaag 249

<210> 220
 <211> 246
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 220

gtatctngtt ntccatcgat gtgccatcat tntcttctat gttctanacc ctgtctcgca 60
 ccatttaatt attgattggt cttaattgtc aattaattag gcagttctat tatttgngcc 120
 cattcagcca atgtgatgct tttaatctaa tttcaggaat taatgaagaa ttgngcttga 180
 atctagcatt gngcttgaat ctagaattgn gctcggactt gaagagggca aactatatta 240
 ttctat 246

<210> 221
 <211> 510
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 221

gtactgcgcc tcgtacttca cancnctgta gtacccggca tccttagagt cgacctgcgg 60
 catgcaagct tgctctanat nttcattgat gtttgtatth atgggaggag gttatatgtc 120
 cattttgctt taagagtagc gtcccactgg taaaattaac tttccaaatg tttgccttcg 180
 caggaatggc cccgaggaag cttgcctcaa agagggccag gaaggacaac ggcggcgaaa 240
 gaactatttc cgctccggag tacgacagtc accgctttag gagcgctgta caccagcagc 300
 gcttcgaagc catcaaggga tggtcgtttc tccgggagcg acgcgtccag ctcagggatg 360
 acgagtatac tgattttcag gaggaatatag ggcgtcggcg atgggcacca ctggttactt 420
 ctatggncaa gtttgatoca gaaatagttc ctgagnttta ttccaatgct tggcaacaga 480
 ggatggcgtg cgtgacatga gatcttggcg 510

<210> 222
 <211> 207
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 222

tctcatgcac ttagtgcca nataatat ctatagttag aaatttatta tgttatggta 60

aaaatagggtt tggtcaatct ctgtaaacca tanttgcat gntctttcaa ttaactgaaa 120

taatgagtct gtgagacatg acttaagttt aattctcaca gaatacactc ttngaaaatg 180

atgattagct ntaagtgtga ctaagtc 207

<210> 223

<211> 431

<212> DNA

<213> Glycine max

<400> 223

tctggttgat gagttatcga cagcgatgac tgcgaacagt cctgagaatg tgttcaggac 60

tgattacgtg agatgcaatc tagaggattc tgatctatta gaagacttgg ttcattcattg 120

cttgagacta tgacctcgac tatcctgaga acattctccg aagacttcgg aagggatata 180

ttgaaatgag gtttcataac tccttcatgc cattgataag gatctcgacg agcttctttc 240

tctgtcttgt acgtcacgaa agatcctacg ctctggcgat cgttcaccag aaacagggca 300

tcggatccca ctggcgatca ttgctgtact attcattttc gtgcgctcaa gacgcttggt 360

tctgcattac cagaggtgtt atcagaacgc gtcattcgca tatctctgcc actgtcctct 420

tggtagagaa t 431

<210> 224

<211> 481

<212> DNA

<213> Glycine max

<400> 224

ttggcctgga gctggtcttg agcaccctcg ctgcagcttg cccagcatct ggatcacatt 60

ttacgacgca atttgttggg gccatttctc acgactaagt tctctcttgc tccttactca 120

caccacgaac aatatagttt agcgattaca ttgtaagagt attaggaact tgaaaactaa 180

gcacaggcta cactttaact aatggccttg ttgctctcgc cattcttggg acctcagcct 240

actaattgaa acgcttcgag catgttggtt ttgactgcc atatgggggc gtttttctta 300

taaaggaaaa aataattggg tatataatcc gggggctttg atattgacag actgctccac 360

actaactttt gggtttatttg aaccctcctt tatagggtc aacacttgac acacgcccc 420
aataaggcct tgagaccaat atatgctttc ctctatccta tggcgcctta tctcctatac 480
g 481

<210> 225
<211> 277
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 225

acctagacta taaatagaag catgtgtaag actaggtgtg actgtgatga atgaaagtct 60
tatgagatac acttcanagt tgcacttctt tgcctctgtt attccttcaa tttcgtgctc 120
cccccttctc tctntctttt cctccattaa agcatcctct tcaagcttct tatccaaggc 180
aattcttggg ggtgaagctc cttcttcctt ggcttattcc ctagtggatg gtgcctcccc 240
tatcctcttc tcttttgctt tctatcgcaa cctaccc 277

<210> 226
<211> 279
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 226

acatcccact gagatgcact atgtaagtac ctttcanaaa acagacttgt tgagaataag 60
ggagctagca tctntagtaa gtgatccagn tgattntcaa gctcaccatg ggaagttgct 120
cagaattctt agagtagatg ttgaggaagg atgcctagag accctgggtc agttctatga 180
cccgctctac cattgcttca catttccga ttaccagctn gtctcacac tngaagagta 240
ctcctaccta gttggcttac ctgtgccaga caagatacc 279

<210> 227
<211> 220
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 227

tcgtcttatt canaaccnca accaattatg anattcncta tctcccactt cacacctcgg 60

aacgcaccgt tcttatagag agaggcgctn tcacatcntt cttaggctgg gagaggaaat 120
 gttcccatnt tttatgatac tccgngaac agatatccag tggagatgac gngtgngc 180
 ctgtagctca gaggattaga gcacgtggct acgaaccacg 220

<210> 228
 <211> 379
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 228

gcagcttaga tgatagaggt ggagactcag gtctttctct tgcttgactt ctttataatg 60
 tggaggactt ggctgcgac tcggctagat ggggctatct gcgctacacg cttttctcgt 120
 tacgccagct gttccgctac cgcattgtan gccttcaata tttctagttg attcttttga 180
 cttaatcctt tacgattgca acaggaagga aattttaatt ttacaatagc atgatactgt 240
 aatattttta gatatttata ttttagataa atactattta gagtatacac caagtgagtc 300
 acagtgtgaa tgactgaatc agtgtacacg acaacagcaa gtgaaatcgg tgacaacagt 360
 ctcacaaata tcggcacat 379

<210> 229
 <211> 169
 <212> DNA
 <213> Glycine max
 <400> 229

atacctgtaa tgctgcatag ccacagaaaa tctcttcttc tgattaacac caccttcgtg 60
 atcataagct tctggcattc tatactggca gttcaggaga acatatgagc cgttggaaag 120
 aaacatatag atttgtcaat ttacttatat atgcccatat ccctttgta 169

<210> 230
 <211> 497
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 230

nttaaccggt gagctttgag acccttcgag naccgtcatc cttggagaag agtctaggca 60

tgcgagcttg tgtaattaga tacaaatggt aatgtttatt tatataactg tgaaagcgca 120
 taagtgtggt gaaacaaaaa cctgaagtac catctcatta gtcagagtat atacaagcat 180
 gtacgggtga tagaaaaaaa aaagatggtg gaagggtgga tgacttctta gtgcatagag 240
 tgttactcac ggtgatgatt tcttctcttg ccaccaaagtg gcatatgtcg gcgatggaat 300
 atatatgtta gaaggagacc tggcaatgat ggcattatat tattgctttc acatagatag 360
 atatgtttta ataccttctg tcgacttccg tttatttatg aaatagtggg aggggtgttat 420
 ttcttgaatc cttgattttt tttaacgacc gaggtgacat tctatttttg tctatagatt 480
 ataacacttt atttaat 497

<210> 231
 <211> 503
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 231

tgggggtttc cggtttgcc tatagtcctg gacntcaagt gctctgaggt atgcagatta 60
 ccatcagacc acttncaggg tgctgtaact actttatatg gacttgatgg ggcctatgca 120
 agttgaaagc cttggaggaa agaggtatgc ctatgccgct gaggatgatt tctgcagatt 180
 tacctgggtc aactttatca gagagaaatc agacaccttt gaagtattca aagagctgag 240
 tctaagactt caaagagaaa aagactgtgt catcaagaga attaagagtg accatggcag 300
 agagatagaa aacggcatgt gtactgtatt atgtcatctg accgcatcgc tcatgaggtc 360
 tctgcactca tcacaccaca actatatggc gtatttgana tgctaacctc gactttgcga 420
 gaagttgcct ggacttcttt ctctttaca acttcaactca tttctgggtt tttccttcca 480
 ccgtctgctt tttgatgtat tcg 503

<210> 232
 <211> 259
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 232

gtaatattat agccgatgct ctntctcggc gtcatgcatt actttctatg cttgaaacan 60

naatgattgg tcttgaatgt ttgaanaaca tgtatgaaaa tgatgaaact nttggagaaa 120
 ttttttaaaa ttatgatatt ttttcagaan atggtttctt tagacatgaa ggcttttctt 180
 tcaaagaaaa cannatgtgt gtgcctaaat tntctactag aaatttgctt gttttgtgaa 240
 gcacatgaag gaggttaat 259

<210> 233
 <211> 300
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 233

aatctcaata agtcaacaat gacattcgaa gaaatcgaaa tacgttatgg aggggatgta 60
 ctatagccaa tgtgtggaag gcaatagaaa gaatnggaaa ccttaatcta atgctaagt 120
 tagagagtga gagagagaat gggaacttag taactcatga nagactntga agtctgaaca 180
 agttagtga tgtgttagca ctacatattg aagctttaa tataaaanat atgtaaacad 240
 ataaacaaca atagtaattc taaagacatg tcacatcant gggcttatgg gttgggtcat 300

<210> 234
 <211> 271
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 234

aagaatgtgt atgtgttct tgatttcagg gttgtcatca tcaaanaggg gaagattgta 60
 gaagcaagct tcatgatgat gaatcaagtt gattcaagta gttctgatga taacatagat 120
 gatgacaaaa agccaaaaga atgatntcaa gattgagtca acaaatataa gattaaattc 180
 aagaatcaag agtcaagatt caagaataat caagatcaag aatcaagact catagattca 240
 aanatcaaga gaagacttan tcaagataag t 271

<210> 235
 <211> 212
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 235

gagagagaga ggngaggnga gcataatatt gaaggaggac aagagagaga gaagttgaac 60
tttgatatgt gtctcacaag actctcattc atcaaagtta caacaagtgt tacacatgct 120
tctatntata gcctaggttag cttccttgag aagcttcttt cataagcttc cttgagaagt 180
tagagcttag ctacacacac ccctctaata ac 212

<210> 236

<211> 266

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 236

cacatcaaca tgctngaacc ttcacttttt gtgagnaata agatttatnt ataagaatgg 60
ngaacaagga tcaaactcta gaccacacag ttatagaggc tccaattaca tgtcatgaac 120
ttgntactca aaagagctgg tgagttaaga catatggatg aatttatgtc tagcattcat 180
gttatgggtgt tatatttgaa tattgaatat actatatgct ntgagagggt ntaaacttaa 240
cttgctgtag aggaactgaa atatgg 266

<210> 237

<211> 338

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 237

acatctaact cagactaccg attcatgccata ataatatatt gagacgcttg anattgaaca 60
acggaagctc tcgagagatt caaatggtca taactnttca catggatgtc caattcaagt 120
gcataatatt ctgagatgct ctaaatttaa catggaagca caagggaaat tanaacggcc 180
ataacctata acaaggatgt ccgattcagg ccaataatat attgagacgc tcgatattga 240
acacttatgc tctcaagaga ttcanatngt catacatnt cactcggatg tccgattcag 300
acgcataata taccaacatg ctcgatatta aacatcac 338

<210> 238

<211> 269

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 238

tgacccacgc ggggtgttgaa gagacggcat gggcatctcc ctcttcctt cttgccccctg 60
atgccccgat tcttntggca ttcagcgta tggaagaaac gtaatcaaac tttcctctnt 120
tcaatccaac ctcgattctt tccccggcaa acaccagatc cgcaaagctg gacggcatgt 180
aacctactag cttctcatag tagaactctg gcagagtgtc taccatcatg gcgatcatct 240
ctctctcaac catgggagga gctacttat 269

<210> 239

<211> 246

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 239

ctacactgac tcccagcttg tctaagggt agtggcanac atatatcaag ccaaggaggc 60
agtattgtc aagtactatc atgctgcana aacccttatt gatgactnta atcgcttcaa 120
gatgtaccat atacgggggg agaacatcac cagagcagac ttgctctcca agttggctag 180
cactaagaga gctggacatc ttaagaccat tatgcaagag acactccaag cacctaccat 240
agacac 246

<210> 240

<211> 271

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 240

acaacctcaa gatttatcat atacttatca agagaatcaa tccttaagag agactntcca 60
nattcattgg aagcactgag aatcttgaca aactgttaat atacagtaga tgtccttcta 120
acagatctgg acatggatat gaaggagata cttatgttca tgataaggaa actaccaa 180
gttatttctg tggaaaggat caatgttngg tcaaagatcg cattggagac cttctacca 240
ttgtcatgac ttgagtgcct tcaatcacta t 271

<210> 241
 <211> 425
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 241

gatcggccgt atttcttggc cgacgccgac tgtcatnttt ttcgatcaat atcgggtgaat 60
 aatactttnt ttgccgaggt gggctaagt tttcttggcc gaataaatgg gaacatgcca 120
 gtttcggggcg aaacgaaaca tcggttgagc tcgcacgaaa aaacctagcc cacctacatt 180
 gtaagttttt tatgcaacac cgaaacaaga aaacttcccc tgccgtaaga aaaaacatta 240
 tcggccagcg agcatttttt tttaaaaaaa attgcgcaat gtcggctgaa aaatatcagt 300
 cggngccatt tcacgaccga tgtcggctat tttggtttct attcaatccc tgaatgaaat 360
 ttgcatgatg tcgattaaga aatgttngat ccgcgtgatc cggatgatgct tttttttaga 420
 actcn 425

<210> 242
 <211> 253
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 242

tcttctcaat gtccgttaag tcttatggac ttcttgcccta taaaggataa gccttttctt 60
 cctgcctctc attntttgct tcttgccagg ntgcacctcc aatatnttta atatcncctt 120
 attaccctc tctgcttctt ctgttgggct tcttctccct tctcaacact atggcagaga 180
 tcctatgcaa ctgaaccana ccanaatctt ccatcaagaa caaaccanat tngaaaaacc 240
 acaatggaca aac 253

<210> 243
 <211> 393
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 243

tgcttttctt agaagcaatc gccttctgga ggaattttct ggaaggccca agtgggccta 60

gttgetatatt gcacccccat ttttactaaa tacaccactt gctctttttc ggagatttcc 120
 ctccgcacca aaccccaact ctccccctgt ctcgctctct atcacgtcag ccctcaaacc 180
 tttcttggtg tctctctcct ccctcatccc aattactacc cctacccaac taaaaacatt 240
 tacctcaagt cgcgtttact tcacatacct ccccgctcct gcgcattcct ctctaccct 300
 tcgccaccta gtccccattt tccctctntc tccctctcac ttctgcttc cacttacccc 360
 cccctcttc cttctctcct ctctcctctc ccc 393

<210> 244
 <211> 416
 <212> DNA
 <213> Glycine max

<400> 244

tattttcctg aatcggacat ccgagtgaag agttatgacc attggaattt ctcgagagct 60
 tccgctgttc aaatttgaga gtctcgatat attatgtccc caaatcggac atccgagaga 120
 aaagttatga ccaattgaat ttctcgagag cctacgtcgt tcaatatcga gcgtctccaa 180
 tattatgcac ctgaatcgga catccgagtg acaagttata accaatcgta tttctcgaga 240
 gctttaggcg cgcattatac tacacctcca tacatatatt ccactgactc gtcacctac 300
 actcaaacct attatcatct ccatactttt ttgataaagg ttctgatccc atactcactc 360
 ctatctctcc ttcatctctg ccatacgttc ttattttctt tccactcgat ttatcc 416

<210> 245
 <211> 222
 <212> DNA
 <213> Glycine max

<400> 245

catgcttcta tcttgagatt atgacacatg ctaattcgga ggagatgatg attcgcgaga 60
 tgtatgcagt catctcagat attgtggttg gtactctctg aacaggatcat taagcgaact 120
 tagcatagtt agctctcttt tgctagagga caagcaaac tatacatact ggggagtttg 180
 atcattgacg tacataagtg gattatgcaa ttaagacata ta 222

<210> 246
 <211> 429
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 246

gggatgtgag ctcttgtaga cttttctttg caggaatgta agctttatcc aagaganatg 60
tatggtcatt ggttgtcatg ttttcaatta gtcctatagc ttcattaggt gtttttaact 120
ttatcttacc tccaacggaa gcgtctagaa gttgcttcga gtgaggctcg aagccatcaa 180
taaaaaatatt tagttgtatt ggctcactaa atccatgcat tggagtctga cagagtaaac 240
cgtggaagca atctagagct tcgctgagtg attcgtctag ggactgatga aatgaaaaga 300
tatctacctt tccttgtgct tgctttgatt ctggaaagta tttcttcaag aatttatcca 360
caacctcttc ccaagttctc aagttatttc ctttaaacga gtgaaaccat ctcttatctc 420
actggcagg 429

<210> 247

<211> 215

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 247

tctcactacc ctgtttctgc cataacttaa gcctatagat aattctttac cccatgtngt 60
ggtcctaaag aatagtataa tcacacata ctaggtatcg tttggaatct tttaaagag 120
aaagaggata ctatctcgat aatcaatata taatcataat tcatgagtat caatctaac 180
aatataatca taattcatgc taatcaatat atact 215

<210> 248

<211> 510

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 248

atgacactga gactctttgn actnccctag aatcctctag agtcgatgct gaggcacgca 60
agcgttggca aatggagagg aatattttgt ttctatatgg agacgacgaa gagagcaagg 120
tggttgagggt ttctgacaaa attgaaagga tttgatttga tcgcaagcaa taggtgtgg 180
agtaagggtgta ggggacgaag gattggccgt gtgataggag ggcaacgaac aaatttccaa 240

ggcaacgaaa aatgatttac attttttatt ntgttcgcta aatgtttcat aagtcttact 300
aaagtgaatg caagcaaaag aaacaaatat ataaaaagga taattaccat tttagtcac 360
cttgaaattg caaggtgttg tcccattact ccatgacaag aacaatattc atattaattc 420
acgtgtctct caatacgtcc ctacccttaa aactctttca tctcctcacc catcctgtca 480
ctctctctct tttccatcta ttatgtgtcg 510

<210> 249
<211> 239
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 249

atggtgtctt ggagcgtgct tgtgattntn tctttcgcca tgctgcacaa ctntcaggtg 60
ttcccttgag aatggtggag agaagcagaa ggcagttccc tcttagaana gcccgatgag 120
ctgcagaaga catgctctct gggctactca nagccaaggg tgatggattc atgacattga 180
tcgaaaatgg taaatggatg tgtgacgagg cacctcacag tggaaatgaa tatgtaaac 239

<210> 250
<211> 255
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 250

cgatgngca caacaagctn tccacatcca caatgcgcgc ataaaccac catccnctgg 60
tgcccacctc caactgagct caggtactcc caggtagccc atctcctcgt ttctctcaac 120
accgggtccc catcaatcct ctcaagcttc cacaacatcc aagcanaaca acgttcaaac 180
agcacaagct atcacagcca agcaaaacag agcagaggca gataactctg ctcaacacat 240
caaccaaatt cacag 255

<210> 251
<211> 230
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 251

aattttctggg tccaaaataa tgtccaatan aaatgcgact catcactgtc aacgtaaaca 60
attaacaatc aacatctaataa ttcgggggcta gagactaaaa tagcgagatt acaanaaaat 120
ggaagactca attgataaat taaattacag gggaaccaa ttgtgagcta naatggaaga 180
ctcaatccga cggcctcagc taccgtttcg aactcattcc ggacaccaat 230

<210> 252

<211> 224

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 252

catctacaac agacctcctt aacctcagca gtatattcat ccacaacaga ataattatga 60
cctctccagc aacaggtaca atcccagtg gagaatcatc ccaaccttag atggtcgaat 120
ccttcacaac aacagcagca acaacaacaa ccttaatttc anaatgctgc tggcccaagc 180
agaccatacg ttcctccacc aatccagcaa caacaacagc aaca 224

<210> 253

<211> 426

<212> DNA

<213> Glycine max

<400> 253

caggctccac cagttctagt gaacgtgctg cccataccat tggcgctttc aatgcggcgc 60
atagatgtga tcgcggaat tgaacccaaa gcttccaatg ggcacgcta catcctagac 120
gctatcgatt acttcactaa gagggaggaa gccggttcat atgctaccgt gactagaaat 180
gtggcggtta ggatcataat aaaggagata atttgcaaat atgggctgcc gagctatatc 240
atcactaaca acgccgcaa cttgaataat aagatgacga atgagttgtg tgggtattcc 300
aagagaccac accataattt gactccttat cgaccaaga tgaatgatgg agttgacgcc 360
gctcacaaga atactaagat gatcatctta gagatgacag cgacatacaa aggattgcac 420
gagacg 426

<210> 254

<211> 505

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 254

```

ttgaccctg agntttgaga cccccgtagn atcgncgath ctttggagaa gaantctagg 60
catgcaagct tttaatggaa gtatagagca tganagtgtt ctgataccat taactagtca 120
ataggggtctt gagcagggtg aggacatcca tactatattt ggaaagaccc aaaagaagga 180
aaaaaagagt aaaacttgca tatggaagaa gaggtcgata ttgtttgatc ttccatattg 240
gtttgatcta gatgtcagac attgtagcaa tgttatgcat gcggagaaaa atgtgtgtgg 300
tagtgtcatt ggcacacttc ttaacattca aggcatgaca aatgaggcgt agaacactcg 360
acacgatctt attaatatgt ggatctgaga ccacttactt cctagggttg acggtgaaat 420
gttatcctct cctcccacta gtgatacttt gttcaataac acattaactt tacttccatc 480
ttattctacg cttccttctc ctccc 505

```

<210> 255
<211> 432
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 255

```

gttgattact attttttaac atcgatttta gcgtcaaccg atataaaaag tgctttacaa 60
caccgatttt cattagaacc gatgtaaaaa gtgctttaca acatcaattt tctactagaac 120
cgatattaat gtagtnttg cataattaaa aaaatatattt gtttcacaag aaccattttc 180
ttcgtgatcc atttttttta aaacataatc ctgtgaccat gaagaacaaa actaagacac 240
tataatatta atataataaa tgcaacatga agcagctagc gaacttcaaa aaaattattg 300
cgaaccaatg atttgatgtt ccagtagcaa cttggaccct tggaatgctc gtattgctta 360
tagcatccta naagaataac aattattagt tgcattgggt ggtttccaat tatccctgaa 420
aatatgtcag ct 432

```

<210> 256
<211> 206
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 256

gcataatcca taatgctgca naacannata cagcatgaa taaactctta atcgacatat 60
ggagtacata ggaanatcct ttcttaatag ttccagcctc catagacaat aacgttgctt 120
atgaattaag aacaacaata aaactagtct gaatatgtga aacacataat ctgaagaaag 180
aatagctata ttcataca gcaata 206

<210> 257
<211> 221
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 257

tatagtaaca ggcanacgga aggattccac acatactaag ccttcattgg tgatgacgaa 60
tttgttgaat ntgatgagaa cctcattgca atcttcaagc acatattcaa cctttatgga 120
gaatattctg atagtgccaa aaagaagata gccagaact ctattgcana atcttgtctg 180
cagaagggaa aaatganatg aataacataa cataacatta a 221

<210> 258
<211> 478
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 258

gcctcgccaa gcattcccat tgaagaacca ttattcanac ctttcanagt tagtgagaag 60
gctaaaagaa aaattaggga acttagaana actaaatcct taattgaagg agtaggcgat 120
aatcatggtg aattactaaa caaatnggta gtttacttaa ggtcatccca gaaactccnc 180
aaacttcaga taatacttcc aaaatggtaa caagaagtac ttncanataa ttaatgtatt 240
aatgaagaat gtgaccaacc tcaaaaatca agtggataga tcagttcaga aagaatataa 300
tcattaatcc aacactggaa acacctctaa tatatataac gccaaactgcc tgactttata 360
gagaagaggg aaacatntag agttagtga cacattatga tggactgatg caacgagata 420
catatgatcc tcacacatga ctgagtcact acaactcatg atgtaaaaca tatatatt 478

<210> 259
 <211> 507
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 259

agggatgact ccttgagacc atcgatcctc agagacgac tcgcaggcat gccagcttaa 60
 tgagtatgga agcgtcacaa ataacttctt aggtttttat aatctaata ggaaccagaa 120
 tctcggaggg gtgaagacac ccactacctg cgatgagttc ccgggtggag tactctggct 180
 attgtaaagt gtatagtcac gatagcttcc attgttttagc actatcacgt ttacattat 240
 ggagaaggcg cagacagagc ttattttatt gctgacgtgc acgccaggc gcagcactct 300
 cgagagagtc ttttaacagt atacgcttct gcgccatctg tgctatgata attcgagggtg 360
 aaccagaata ttcttatcat gctgctcaag aacaatgcta gagtttatat tctgagctat 420
 ctaanacgat gggacattcg ctactccgtg aaataacaac cgcccagaat tctgcacgat 480
 accttctcat ttattataat cccaaag 507

<210> 260
 <211> 290
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 260

gtttaagtct tctaaactgc ctatctatat tccatagcct ataacaactt ccgtgtgccc 60
 atcggcttgt gggtgacaag ccggtgacaa taacaattta atgcccact tgctccacaa 120
 agtcctccan anatggctta agaacttaga gtccctatca ctaacaatgc tccttggcat 180
 accatggagt ctcacaatct ccttgaataa cacatcagcc acatgggaag catcatcaac 240
 tttcttacat ggaatataat gagccattnt agaacaccta tcaacaacca 290

<210> 261
 <211> 428
 <212> DNA
 <213> Glycine max

<400> 261

gattggtgaa tcttctgct tttattggtg accacagagt ggtacctgga gatatgtcgc 60
 ggagggtcacg agaccttggg gacgtcaggt ggggtgctat tgcccaaac caagcttgac 120
 caatcccgac ccaaccggg catagtcggt cagtgagaac ctgtgatgta cctaaacagg 180
 cgagctcctg gcagtcaaca gataaaagga acaaagacca caaagcaagg aggcttgtgg 240
 tagctggcca gctgtgaaac ttgattgata tgtgagatat ggtctctggt aatcgattac 300
 caaggggtgga gaatcgatta caaggcttat aaatgaagac aggttgctaa catgggtctct 360
 ggtaatccat taccatatgt tgtacccgcc aacaggctcg gacactgatt cgagaactat 420
 aggacccg 428

<210> 262
 <211> 421
 <212> DNA
 <213> Glycine max

<400> 262

taacacttta acgtgcatat gttagcaggg tgtaattaat tacacactgc ttccgtactg 60
 ctaaaccaga acaaaagatg attaatggta gatgtttttt attatcgata aatattaatt 120
 tattaatttt tgttaaaaat atagctcaca agagtaatat ccaattcata tatggttcta 180
 tattgtgatc ccaaaagatg cacgacattt ttttttcttc tttccacatg aactcatata 240
 tcacctaata ctacaatggt ataagtgaag attgtaccat acctcatata atactactga 300
 gatatgatca cgttcacaaa tgaatttcat tcccatttat tctctactct ggataacatc 360
 ctccaactat attatcaacg cccacctgcc cctgaccttt tttagaaaaa gaggtgtaac 420
 g 421

<210> 263
 <211> 493
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 263

ttgccctgac cctggacctc gagaacgtga tacttacact cacctgaaga tgcagcttga 60
 gaatatgtct atactggatt aaccnattat agccttatca taaacgacta cacaattgct 120
 cttgagacaa cgactgattt attcaagaga ctgtacttta atcgattacc atgccatata 180

atcgattact tccctttgta tgcgtgtgtc agaagcgaac aagaacactt taattgatta 240
ctttgagtat ctaagtgatt acatagtcct tatgttcttt ccaattttcg agaagaacgg 300
tttaatcgat taccaagata atctaatega tacatcattg aattgagcga ttacottgaa 360
gactcaactg ataacagacc ggtgtaggtg ttttctctat aaacaaccaa cttgtgctat 420
gtataacaac acaacaattt gatctctagc agagcctgca tcacttggtg ttattaaata 480
aagaaagaag cat 493

<210> 264
<211> 509
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 264

ttgcccttgt anccttgntn acntccggag nncgctgat ggtatgcagt cgatctcggg 60
gcatgcnaga ctaagcgcat agttggggca tttatcacta ttacctgtat cacatacctg 120
atccgattat gacttgtact gtaaagaatc acgagtgatt gatattatga tcctcgccac 180
cttgttcttg tacgaacaca tcataacact tatagagntt gtactacaca cagcacactc 240
tctgatttag ggataggtgc atgcttgaac tatgattgct gggattgctc gattgtagtt 300
tgagctcttt tacgctgtaa actcgccgtg acttgagccc aacatcactt acatacactc 360
ttctatatgc tcttactcgc ttcaaataa atagatttg gaggcgactt taactcgcgt 420
gtgacttgcc catgacaact catatgactc ttctcaaata aatctacggc cctatgttat 480
taccaatgtg agttgatatc atcctaagg 509

<210> 265
<211> 485
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 265

atganccttg agccccctcg agngcccggg atccttagag tcgaccgcgc gcatgcaagc 60
tnggactcat gagcggcccg tttatgactt attgaattga gccttggtgt gttactagt 120
ctattactta tggcaccgat gagagcgcac cgactactca ctcaacagcc tattgtaa 180

ggacactgac taaacccatt cctaacacac cgttctatag cgcgacgagt ggcgtgagag 240
 acttacttac tccagcctac tctttcaaca ccaagactta cagagaatth catttctat 300
 ctccctcatt aagtgtatta cactagtgc cttctatgcg atggtttgac tagaaaaaga 360
 gcttaactcg tgccacactg acgactatga gcagtacatt agagcgatgc tgttaaatac 420
 agtccacctc tattttcctt gtcaagacaa atctacatgg acctctgtta ggggggttcc 480
 caacc 485

<210> 266
 <211> 435
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 266

ggaaaactta ggcaatagac actagtatct tagcaaaatt attattatta ttattattht 60
 tactttaaag aatagctagt cattgaaatt tttctcccc cccctthttt ttcttaaaat 120
 tttatattat tatctatata gtttttcta cacacacaca cacacatata tatgtatagg 180
 tatataattg tacatthatt tctggcaaat caagaagcta atthgtgcac aaaatcactc 240
 tagaatagcc ttaacatgag tccaaaacaa catttaagca caaatthaaa tctctthact 300
 tgcttcaaat ttaataagaa atgggtgtga cttaaactcc acaagthact tgcccatcaa 360
 caactcanat gactnttctc aattcacaca acaaccctat ggtaaatacc aatthgagth 420
 gatatcatcc taagg 435

<210> 267
 <211> 200
 <212> DNA
 <213> Glycine max

<400> 267

atgaactcta tggactagta ctcatthgtgc tggatacata ctthgataatt gthattgtta 60
 gcagcacctt ctctgtthcat ttagththcat atatthcatcc ttagacatata atgatctthg 120
 taggctgaca tatatatgta acatggagggg aatgaaagcc agcgcaatth cactcactgc 180
 tctagcagaa tatacaggtg 200

<210> 268
 <211> 272
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 268

gctcttaact gcacaaggct cttaatatgt gaagagtatc cttgtgtaac cttcacncga 60
 cgaagacact gacanagact tatcttcttc ttattggaca cagtatggca ggctggcggc 120
 aagtaaatat tcatcccatc agaccttgga tgcaactgtg atcgtatgcc catatcagct 180
 agatcttaac ggggtattcaa gccatccttc gtcttgccctt gaatggtaag gagcgtaacca 240
 atcacactgt cacaacatt gttctccaca tg 272

<210> 269
 <211> 451
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 269

cacgcctggt catntgactt tgccaccaca agtgggtgac tctctatcgt actcacgctc 60
 caggacgcgt ctctgcaca gaatgcagaa ctctctcact gcgcaaaagg agtgtataga 120
 cttttcttca tatatcgagg cccgcatgca tcttctgtgac actattgacc ataaagcatt 180
 cttgcacatg catgatatga aattctgatc ctaatcatat gcctcctcan gttcatctcc 240
 aagtacagtt gacagtgtgt gtttcttatg cacccttaac tattgcaa atgatgccgg 300
 ccactataca tatcacgctc tctacaccag aggacctttt ctatcttgaa cacttcatat 360
 attgcgccca tgacctatcg catccccact attacgcctt gaggaccaca atgcttacca 420
 atactcctct ttctcattac tacacaaacc g 451

<210> 270
 <211> 262
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 270

gaactcttaa gagaaaatgc attagaatct cttttgatga atcttagann atattggacc 60

gtgataagtt cgcanaaaga gtcagaanag acacanaaca agtaaagtat ttatagatnt 120
 agcaganaga aatagatcca aacgattagt aatcactggt atttgattaa ttngatcata 180
 atacctttgt tntgcattnt caaaatcatg gtaatcgatt acaatatgtg gtaatcgatt 240
 atctcannat aacatagatc at 262

<210> 271
 <211> 146
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 271

cttcattttc tccatgtatt tcctcacatg tcttatgtga atggtgtaac atgattctnt 60
 agaatttcca ccaatttaac ttgctataga agctagattn gatttcctct agttcanatt 120
 tcttggtcct gntcttgaac catgaa 146

<210> 272
 <211> 99
 <212> DNA
 <213> Glycine max

<400> 272

cgtatcccgg tgagagtgtg atcctttata tttgagagaa acagctatca tttagcattg 60
 atttttgcat gaatctctga agtatggact gaatgcatg 99

<210> 273
 <211> 227
 <212> DNA
 <213> Glycine max

<400> 273

ctctctgacc tgggaatttc cgttcaactt attgaccatt agtttcgagt cgatgaacac 60
 gtatcttgta tttattatat tatttgtag cggaagcgct attgttaatg cttgttcaag 120
 taccacccca tatcaggatt cctataagat tctcgctcca catagtgttg tactggatgg 180
 gccattgaca aatgtaacac cctctaccct cacacataac gaataaa 227

<210> 274

<211> 418
 <212> DNA
 <213> Glycine max

<400> 274

accaattaaa gagttcactt ccaaacaatcc cagccttccg tattggtaca attgaaacat 60
 tgagaaataa tcaagacttg tgtggaaatg tctctggctt ggaaccatgc ccaaaagcaa 120
 gtaaaaaatc tcaaaatcat aagactaaca aagtcataatt ggtatttttta cccggttggtt 180
 tgggtacttt aatattggca ttatttgctt ttggagtctc atatcgtctt tgtcgaagct 240
 cagagacaaa agaacaccag gatgcaaaac caccaggcca aaatctattt gtgatatgga 300
 gttttgatgg aaaaatggtg tatgagaaca tagttgacac cacataagag ttcgacaata 360
 aacatctcat tggagttgga ggacaatgaa gtgtttacaa agaagaaatt gacatact 418

<210> 275
 <211> 508
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 275

atgaaccatg aancttgata ccctcgagan ccggcgaact ctgagacgac ccgcggcatg 60
 caagcttggt gagatacctg gcgaatctca ttttttctat ataaaggtaa tagaactaaa 120
 tcatataaat aaaaggcaga caaaatgtcc attgtaaagc atgaccacat caatttcatt 180
 tgcattagtc ttgaagacat aaagattcta catgttgcaa gaataagaat gtaacagtag 240
 aacatcccat ttctcagaga atgtttacct attccaaaat atggttgtct tcaatgctaa 300
 gcaatgtaga ccatgctcat tgtgcccatc catttgaatt tcaactcaagt catcaccaac 360
 gttacaagt tctctagagc acctgactat cagacgacaa agatcttttg ataaagaaac 420
 ctcgtgacaa gtaacaacat cagcttcac aaggtgaagg ttaatacttt tcctcaatga 480
 ctcattcatg catgatgcat acacaccg 508

<210> 276
 <211> 437
 <212> DNA
 <213> Glycine max

<400> 276

cttcaaacac ttgtgtaatc gattacgatac aacctgtaat caattaaaac aaagagtttt 60
 aactatagag gaaatcttct aacttttagaa cttttcttct aacccttaca tgatgatgca 120
 tgatgcacat atgatatgat agagactaag atgcaacaca caatataaca atcaatacaa 180
 atgccactca agagagttgg gcatgtaaaa aataaaacat cttaaagctc ttcttcaagc 240
 ttcaaggcta acgtttcatg ttgctcctcc tatctctaac aatatttttca tggcacaaaa 300
 catatatata tatatatata tatatatata tatatatata tatatatata tatatatata 360
 tatatatata tatatatata tatatatata aaagtgaatg atatgttttt cacatagaag 420
 gcgttccacc acaatag 437

<210> 277
 <211> 519
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 277

cgtgttgann ccatcgatna actgacactc tataatactc aagctgggca gcanacgtat 60
 gtatgattnt aagttggctt gggagtgggt gctgacattc ctttctagtt gcacctatta 120
 ctaatattta tgtttgaatt cgcattgatt tattttgatt ttaacatgac ttatgtggga 180
 gcagggatga tttgccccca ccttgatgat tcgtctttgc tccttggagc cattctctcc 240
 ttccggagtga tatggccgct cattgatcgt cgcaaggagg attgggtccc taccaattta 300
 gatgagagca tcatgagagc tttgtacggc gtcgaggtct ttctaacagc tgctctcatc 360
 ctcggtgatg gcttatacaa ctttgtcaag attttagttt tctcaatcct tagcgtacat 420
 gaaataacta agaaccgtgg aaatgggatg acgtacatgt caattcccac tctcttgtct 480
 gatattagtc atgaaaatta cgtcacaatg ctcatccg 519

<210> 278
 <211> 453
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 278

tatctccgac agccaatggg tgagtctcgt ccaggtagtc ccgaaaaaga ctggcctcac 60

agtgcacaga aatgagaagg aggagctgat tccactcgg gtgcagaaca gttggagagt 120
 ctgcattgac tataggaggc tgaaccaggc taccaaaaag gaccattttc ccctgccatt 180
 cattgaccag atgcttgaac gcctggcagg taaatccac tactgtttcc ttgatgggtt 240
 ttctgggtat atgcaaatta ctattgctcc tgaggatcag gaaaagacca cattcacctg 300
 ccccttcggc acttttgctt ataggaggat gcctttcggc ctgtgcaatg cccctgggtac 360
 cttccagcga tgcataaata gtattttcag tggattttta aaaaattgca tagagggtgt 420
 tatggatgat ttcactgtat atggatcctc ttn 453

<210> 279
 <211> 265
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 279

taacgatttc taattatgtg ggccattaag tctatcatat gctaacaata gccgagaagc 60
 ccatgaatct cttcggnggc ggagtaggtg tctgccattg ccttggcctt ggctaacaag 120
 cggngaagtt cttgactccc gttcaaggta agagcaaacc gatccatcaa catgggttgcc 180
 tcttagtgta aagagtcgat cacccttctt ctagcctctn tttccgtgta tacttgagca 240
 tactcatccg cgattctatg ctctg 265

<210> 280
 <211> 456
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 280

naggtgtttt gatgataaca atgatgacaa caaatatga tgaaaaaaaa gctcaagtga 60
 atcaagaac atctcaagag aatcaagaac aagtcaagag ttcaagaatc aagaagaatt 120
 caagattcaa gaagaaagcc tacaacaag aatcaagatt caagattcaa gatctcaaga 180
 atcaagatca agattcaaga ctcaagattc aagaatgaag aaaagactca atcaagataa 240
 gtattaaaaa gttttttcaa aactttgaat agcacatgag tttttgacaa aacctttacc 300
 aaagagtttt tactctctgg taatcgatta ccatattgtt gtaatcaatt accagtagca 360

naatgagttt gaaaatgtnt tcaaactgaa tntacaacat tccaaatatt ttcaaaaggc 420
 tggaatcgat tacaatgttg tggaatcga ttaccg 456

<210> 281
 <211> 264
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 281

gtatcacaat atatgtagct acttcccttg agaaaaaatt aatggaaaat taatttgatt 60
 ntatatnnta cttcaatttt ttggcaatgg ccggattgaa aaatatttaa ttgaataagg 120
 gtgttatatt gttgaatntg tcaataatac atgtgttgaa gttattttgg ttttttttac 180
 ttgattactt agtacccttc tctatattaa cgtttattat anaataagtn .gtttataact 240
 atgactaatn gttcatatta aaat 264

<210> 282
 <211> 246
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 282

agcaattggc aatttatact ggaatattct aaattacaaa tgtntataag aaacaaacct 60
 gcaaattgact agctacttgc tctcttatca aagcagggat attcatagct tcaacaatcc 120
 tctttggctt tgcttctgaa gaataatcaa gggagaagat taattacaat tatcatagaa 180
 ttaagccata tacatgttnt taaataccaa ctaagaggaa tacanatggt gaagaataat 240
 catact 246

<210> 283
 <211> 457
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 283

taaaaactat aaaatgcaag gtaaataaaa tgacattcag tttgtagata tgttgggtct 60

ttctaacaaa caagctgatg catagaaata tatttctcta atcaatcgtg ctcttggtt 120
 ctatgttgta gcctaaatta ctaaaccctc gatccctcgt caggatgaat atccaagctt 180
 tgtccgcaga tccctcattt aagactacac ctgatttaga cagccctctt aggtatagac 240
 taacttaaac tgagtntcat ccgcagatcc cttatgtaag actagactca cttcagtagc 300
 ttaccaaagt taagcctatt taagccaaag ctttgaccgc atacccttat gtagactagg 360
 ccaacctaac cagctttatg tacagcatat ttaaaccaac cttacctcgc aatccctcat 420
 gaaggctaag ttaatcctgt tcatcaattc taggcag 457

<210> 284
 <211> 429
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 284

gtcactaca agccttaggt gataaaccat gatattacca tacccttaan ggaatttga 60
 gctttggaat tgttntggga ataagtgtgt ggggtctatg gttcatagga acacatgcct 120
 tgttgactat gttcatgat gtattntggg ccatacttga tgtacattgc atattggcta 180
 aatgttggac atgctgaatg aaatgttggt tctcataggt aaaagaaaac aataaagaga 240
 acagcaatac agttgagtga ataagatctt aaatggcaca agaatgatga gactcttggt 300
 tctactcttc atgtctaatt ctatcttgac tcttttattg cgtagtgttt taatatgcac 360
 tatcccttng ctctctattc tttggattac cactattcat attctcatac cttgccttgc 420
 ccatacacc 429

<210> 285
 <211> 544
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 285

cgactgattg atttgattca gtactcgnag acgctgatcc tttatcactc acctgcgcgc 60
 atgcaagctg gcttctacaa cctgtcaaaa cttaagtgtg ctcgnagnngg gactgacaac 120
 ccacgtagag tctgaaaacg agagtcttca cagtgcacag tcatgactgt gatgagccta 180

gtcctactcg ggggcagatc atatggagag tctgctttga ctattaggat gctgcaccac 240
ggttaccata aaaggacatc tttctcctgc cattcattga ccagatgctt gaccgcctgg 300
cacgtcaatc tcactactgt ctctttgatg gtttctctgg ttatatgcag attactattg 360
ctcctgagga tcagggatag accacattca cctgccccctt cggcactttt gcttataaga 420
ggatgccctt tcgcctgtgc catgccccctg gtcctctcag ccatgcatga ttactatttt 480
cagtgatttt atagaacatt gcatataggt gttatggatg atctctctgt tttcgatcct 540
cttt 544

<210> 286
<211> 451
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 286

acanaatcta tgtatccaaa acccctcaat ttaatggatt ntcaagtttt gagaagtga 60
attgggaatg ggataaattt ggagcaaact ctcacctcac acaagtctat aacatcaatt 120
taaacttggt caaactggat ttacacctaa aatttcactg aatcaaaatt tgactcctca 180
accccccaatt ttaccctaga aatggctctt tgttcagttt ggtcatttgt ttttctcttt 240
agcacagccc anactttctc ataagtccta aatgacattt caagctagga ttaactcact 300
ttaacctcca aataccacta aatccagatt tggccttcca actctaaaaa attcactctt 360
tntccactca taacaccata atctcacctt ctaacccttg gtaattctac ccttatctct 420
aacagtttcc ataacaattt caccacaaca t 451

<210> 287
<211> 54
<212> DNA
<213> Glycine max

<400> 287

gtgaaagggc tagtgatgtg cttgtgtgtg tgtgtgtatg tgtgtcttgg agag 54

<210> 288
<211> 457
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 288

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cccatcaact gccctaactc tttcagactg gtgattccta gtctcttgac cttgacttga 60
tagaacctct ttttaagcga aggcgcctga ctcgatccca tgttttacaa agtgaaacaa 120
aacccaatgt gaatcaaaac tccgacatct atcatgggtg gaatggatga atgcttgaag 180
aaatgcatat gacacagata cattttatga atacgggagc ccgggaaatt gtcccccttct 240
tagatacaac attttgggca gcatggcgcc tgacgtatgt atttaagaag gcgaaatgga 300
ccctccgtcg gtttgacaaa gtgagggggac caagacacaa tccgtgcatg atgcatatgc 360
ggaaggcaca aaacggtgat gtacatagta cgacaatatc cacaacaaa tataagcaaa 420
ggcatacatg acatttanga ctacatgcat gacagtg 457
```

<210> 289
 <211> 402
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 289

```
gctagagctt agctacacat acctctctaa tagctaagct cacctccttg agatgagaag 60
ctagagctta gctacacacc cnctataata gctaagctca ccncatgac ananaaaaca 120
tganaatata aaanaaagtc cttactacaa agactactca naatgccccg aaatacaagg 180
ctaaaaccct atactattag aatggccaaa atacaaggcc caaacgaaga anaaacctat 240
tctaataattt acaaagataa gcgggtcatg cttagcccat gggctcgaaa tctaccctaa 300
ggctcatgag aaccttangg ccttcctttg atctctagcc caatctactt ggagtcttct 360
acccaatgcc cttgcaggat aggattgcat cacatgtcat ga 402
```

<210> 290
 <211> 457
 <212> DNA
 <213> Glycine max

<400> 290

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cccatcacat gtggtactag gtggcggtcg ggcgatgggtg cacaacaagt tttccacatc 60
cacaaagcgc gcataaacc accatcccct gttgccacc tccaactga ctcacgtact 120
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cccacgtagc ccatatcctc ttttctctca acaccgggtc cccatcaatc ctcccaagct 180
 ttcccaacat caaagtaaaa cgacattcaa acagcacaag ctatcacagc caagcaaaac 240
 agagcaaagg cagaaaactc tgccaaaaca ccaaccatat cacagctttt ctactttaa 300
 gactccaata acaattcctt cgttccggtt cattaaccgt tggatcgact cgaaaattgt 360
 actggaagtc tttagtacat aagcctacga tttgaccgtt gggatctact agcacacatc 420
 cagaactcat tgtacattac tctctccaca accagcg 457

<210> 291
 <211> 219
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 291

tattgtagcc gatgctcttt ctcggcgtca tgcattactt tctatgcttg aaacaaaatt 60
 gattggtctt gaatgtttga aaagcatgta tgaaaatgat gaaactnttg gagaaatctt 120
 tagaaattgt gagaaatddd cagagnatgg tttctttaga catgaaggct ttcttttcan 180
 agaaaacaaa ttgtgtgtgc ctaaagtgtc tactagaaa 219

<210> 292
 <211> 544
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 292

ngggacgtgg atgaattcct gcattgtccg caccgggtga tctntacag ccgaccgca 60
 cgcatgcaac ctttatgaac tcacggngga naagcctcga actttgacac tcccgacgcg 120
 tcacttatta gggtttgttt cgtggagcgt tttggcgacg atagagaggg cgtggaggcc 180
 gctctggagc tctcggcgga ggaggtcgta gacgagacgg tgtcgtttga cgaggctctg 240
 gccctcgaac ttggggcgata cgatcttcac gttgaagtgg gtttctttgt cggaacttcc 300
 cttcacggcg gcgtggcccc cgtgctggta cgacacgtcg tccacctcca aaacgggtggc 360
 ttccagcgcc gtttgaagct tcgagcgaat cctgctggct cgagatagca gcgcgctggc 420
 tctctcgaa ctcatggat cggatgaatg gtggcgctcg gttanggttt tgagaacgga 480

ggagtttccg cagatganaa catggacaga aattggggag ggaaagttat atttcccctc 540
tgcn 544

<210> 293
<211> 480
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 293

ntgaacccan agtaacaact atgacttggc tcaacaacac ttgttgcgct tactctcaac 60
cttcaaaagc aataactccc taattgatct ttttaagattc cctatcctaa atgagttttg 120
tttggggaca aatacctaata acaaaaaaac tcaccaataa gtctctattg agaatatgtt 180
tacatacatt ctatgggttaa gtgaatttgg ctctaaaggc ctatagagtt atatatctac 240
aaaatgactt ctcttttccc caacatagtc atgagttntg ctactttaga aaagtaagcc 300
ttctttcttc acgtaagtgc agtttttttt tcttgttttc tagttgtatt gcttgtataa 360
gacttatgat gacaaattaa tctctcatct ccagaatgat tcatgtcttt tggagagctt 420
gtcacttcat atgcaaatat attgttgcac ggcactctct tccttgcttc taatgtgtgg 480

<210> 294
<211> 424
<212> DNA
<213> Glycine max

<400> 294

gggagtttta catatatgac aaaggcgcaa cgcgttatgg ttgaaaatac ctttctggtc 60
tttgactaaa aatataggta ttagatctgg agtacagata atcaagctaa aggtataaaa 120
gatagcctat gtggatcata acactataaa ggtgtgacca ggctttacag atttctactg 180
ttattatatt ctgtcttttg ctctgactct gataattatc aagatccttt ttcatatgtc 240
tccgcaccgc ttcacattct aattcattta cgtgtatatt tctttacact ttagaaacta 300
catccatcaa ccatgccctt aacgtctaaa tctgtgacct gtcacgatc aagcagaagc 360
ggccaacaa aagtgaagag acacgatgag gactttccca tattggagag atattcctca 420
gacg 424

<210> 295
 <211> 353
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 295

cgacacataa ctcccaccgc atatagaata tcgggccttg tattggttag ataccttata 60
 ctccccacaa gactcttgaa gaccgtggaa tctaccttct ctccttcac aaactttgat 120
 agcttcaagc caccttccat atgtgtgttc acgggattgc aatcaagcat attatatatc 180
 ttcaacactt cttttgtgta gctttcttgt gagacacaga taccattctc ccgttggttca 240
 cttncattcc caagtatatg acatgagtcc atatttgcac atcaattcac agacatgact 300
 cttgagtctc aacaatttgg tattgcgata aataggcatc cctaaacaat aat 353

<210> 296
 <211> 436
 <212> DNA
 <213> Glycine max

<400> 296

ccagtttcct gaaaatatca aggaatctcg ttagatggcg gtcggtgtcc ttcttggaag 60
 gtaccacagg atatggtact tttgtatcct catttgaagc tttttcttgc ttcttctctc 120
 ttgctttctc acttctactc ttttctttcc cttcttttatt tttttcaact ttttcttttt 180
 cttcattttc tttttctttc tctacctcta tttctttttc ttgggtcggtt atttctttct 240
 tctcgaccgt tattggtttt tcaactctct aacttgtcac atctggtgcc tcttctttct 300
 ttttctcaat gccatccttt acaacaatat gtttctccaa agccacccta tcttcactct 360
 caactaccaa acgcttattt cttgtcatca caacattaca ttctctctgtg ggattctctt 420
 ctgtgttcgc cccaag 436

<210> 297
 <211> 365
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 297

ctctacaatt gcatcacctc tcaatgatct ggtgaagaag aatgtggcat ttacctgtgg 60
tgaaaaaaag gagcaagcct ttgctttgct caaagaaaag cttactaagg ctncagttct 120
agctcttctt gactnttcta anactttnga gctagaatgt gatgcctctg gagtgggagt 180
tagagctgta ttngtacaag gtgggcactc tattgcttat tttagtgaan aacttcatag 240
tgccaccctc aactaccca cctatgataa agagctntat gccttaataa gagccctcca 300
nacttgnnga atataccttn gttccanggg aattgcattc atagtgatca tcaatcactt 360
aagta 365

<210> 298
<211> 453
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 298

aaggccaagt catcacgata tgcgaggatg actccccgag caagttggat ttggtatgac 60
catgccctcc tggtttctga ctaggaaatt ggcgagtgga ggagcgcca gacatttacg 120
cgacaagcat aatgtaacc tttgtggctt ttaaactcta cggtggggcc taggcttttag 180
agtttccttt tgttatggca ttatgtcttt tgttcttgaa tttataaata taaagatctt 240
tcttcatctg ttctgcacc tctaccatt ctcatcatt tgcattgtta tttctttacg 300
cttaanacac tagatccaac aacgagtcct tcgaaggtag taatacctgn gaccgggcca 360
tcgattcaag caagaagcgg gtcaaacaga gagtgaagag gacgaggatg tgggacttcc 420
cccagagttg gagaagatag tcactcacga ggt 453

<210> 299
<211> 479
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 299

nggaatggca cttggaccac ctatttgaat ctctatgct gtacctacat acataaaaac 60
agtccacca tctcaatttt taaaaatca tattcataca ccattggggc atttaccac 120
gcacttgggtg agcgcatggt tggacatgaa ttgcaagaga atgggagcaa tgtggcatgc 180

cccattgctt cagaatacaa cctaggccta agaccttttc attcaaatcc tcaattcaag 240
 aaaacaagca ccaaagcaaa ccaaaactgc ctcacaaata taagcatggt ctcacaattt 300
 aaggcaccaa aagatgaaga aaacacatca atgggaagca aaaacatcaa ggatggaata 360
 cttacttggt ggagtgaatt gaaacaccaa aaatgaaagc aaaaggcaac caatagtggc 420
 ttgagggggc aagaaccaca agccttcgtg ttctttcttt cttgaatgag aagggggan 479

<210> 300
 <211> 541
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 300

cggcacgatg tttgttgcatt tcgtacccga gacctcttag agtcacctgc ggcatgcaag 60
 ctngaacaga ttaaagtcaa caacactgac tgttntgggt gagaggtgga gacctgagtc 120
 acacatattt catcttctag ttggtgaatg catagtcact ttggaagatg ttgctcttca 180
 cctgagttta tgcgttgatg gaaaaccaat taatgaccta acatattatg attgggaaca 240
 aatgtgtgca aaatatatac gtgttgttcc cccaaagaat gcactagtgg gatcaacact 300
 aaaactaana tggttaaaag aaaacatgct gactctccca gcanaatcca cgcaacaata 360
 attagacccc cattgtaggc atacattnta ggaccaatta gacaagtcag gaaacanagt 420
 tcacctgatg tatctacctc tgttagcaaa tcttgaacag gcaggatggt acaattgaga 480
 attgacatgt ttagcacatt tgtacagaga aatgtttatg acaatttatc catcatcaaa 540
 n 541

<210> 301
 <211> 221
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 301

gcctttcttc ttcctgaaca cacatggtca ttaattcatt gatagaccac ttatctttat 60
 gtgtcgtgta ggaaatctta aatggcccat attcatgccg aaggggtgtc agaatgaaat 120
 gcactangaa ggactcagac atatcaacct ctagtcttct aagtngagct gaaatatctc 180

gcattntcat gatgtactca cgcacacct tcacacttgt g

221

<210> 302
<211> 170
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 302

agcacaacta gtcctatgtc ttctctttga gagatanaga tactcataag agttgatgta 60
ctctactata catagttctc tcactgtgtn ggtcaacttg atgaactctc tcaagtgttt 120
cataggatct tcatgagcac caccactaaa tacgttgtct atagcatctg 170

<210> 303
<211> 256
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 303

gctcgaaaga gagttatgcn ctgtacactt anacagtgtt cagagtaata tattatgcca 60
nnaataagag aacatgacac ttggacccaa tgatgtccaa tntcacaaaa ctcaattaan 120
aggcttcana accataataa aacatgtcan atatatgcaa aatgaaacta taatgtatgc 180
tctaataattc tctatcagag gacattcgat aggaacanaa tgaagtcctt tanacaatat 240
tcttattgat gatgat 256

<210> 304
<211> 260
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 304

catgtggact atgtggcggg cgggcatggg tgctcaacaa gtntccaca tccacaatgc 60
ggcgataaac ccaccatccc ctgatgccca cctccatctg agctcacgta ctaccacgta 120
gcccataatc ctggttgtct caacaccggg tgcccatcaa tctctgcaca gctccacaac 180
atccaagcga aacaacattc aaacagcaca agctatcaca gccaaagcaa acagagcaca 240
ggcagaaact ctgccaaaca 260

<210> 305
 <211> 523
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 305

nccacgggna agttccccag nnantcantn anatnganan naancaaana naataagaga 60
 acaatgaaaa tggaagaatt gattcatgtt tcctttgatg agtctaattgt tatttgtcca 120
 agaaaggata ttttagatga tattgtagaa tctttagaac aaatgcacat tcatggacaa 180
 gattctaaag gaaaaggaga aggaagcaat gaagatcctc cagtagaagt caaagaaaat 240
 aatgatcttc caagagagtg gaaagcttca agagatcatt cccttgacaa cattattggt 300
 aatatctcaa aagggataac aactagacac tctctcaaag atttatgcaa taacatgggt 360
 tttgtatcta taattgaacc taaaaattta atgaagcca taatagatga aaattggata 420
 atagctatgc aggaagaact ataaccaatt gaaagaaata atggnttgga gttagttgag 480
 aaacctgaaa actaccaat cattggaaca aaatgggtgt tag 523

<210> 306
 <211> 468
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 306

agactgagcg cttatcaciaa ggtctgtgct tagcggatag acaattgcaa aaaaaatttc 60
 taagtctttt tctgtctata tcttcacaca agcttaaaac cccttggtca ttactaaaca 120
 aactaaaatt aatcacaatc acaatcaaga tatcctaact acatgcaaga ggtaataatg 180
 aaaatagaaa agggaaagaa aagctagggt gctcccagt aagcgctctt ttaacgtcac 240
 tagcttgacg catcgtcctg tttatccagga accaagagag ttctacttc aaggaccttc 300
 ttctcaggtc tcttttcctc catcacatgc actntanaat aaacattntg gctaggtgga 360
 tccttggtct cctgaaacaa atcaaagctg atcttctgat cttctatgcc catccgcagt 420
 atcttttttc ccatgtncac cacacagctt gcagtagaca tgaatggn 468

<210> 307
 <211> 472
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 307

aagctccttc aactgcacaa ggctcttaat atttgaagag tatecttgtg gaaccttcac 60
 ccaacgaaga cactgacaaa aacttatctt ctcttcttg gacaaagtat ggcaggctgg 120
 gggcaagtaa attttcttcc catcagacct tggatgcaac tgtgatcgta taccatatac 180
 agctagatct atgtgtgtgg ctgtgtgtgt atggctgtgt gtgagtgtat ctgtgtatgt 240
 gtgagtgtgt gtgtgtgtgt gtgtggttgt gtgtgtgtgt gtgtgtgtgt gtgtggttgt 300
 gagtgtgtgt gttagtatga gtgtgagcgg ctgagtgtga gcatatgtgc atgaagcgag 360
 aaccatatct caacctctgt aattctatgt acatgcactc ccttcaact ttaatgcgca 420
 tctatcagca acctttcatt nctctccgta gaatgcttcg acaatccgcc cg 472

<210> 308
 <211> 475
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 308

cgattggtgc atcagtcctg agaccctatn atcaaactga ggcggcgtct cactgagagg 60
 gcacgacca gactgttctt attagagggtg gataccggac tcaccattac tataatctct 120
 accctgtgca tgcctggggg ctccagtaga tgcggctcat cccctgagct tatacgcta 180
 tggatatacca gatacggacc ctttatagca agagtgttaa caaagcgtgc gatgcggata 240
 tacatgtaga tcgccctgat actgcctaata gggagcacgt tctggcctta tggataggaa 300
 agcgtgatgc cagctagtga cctcacgcac ttactagta gactttgtgg catgcatgtt 360
 agaccatcta cagtaggaac cccgcacgtg ggacctctc tggacatact ggacagcagc 420
 ggtcgactag attgcacgcc atccactgca gagaagggtat aaattatcat atcag 475

<210> 309
 <211> 511
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 309

gtgatgatgc atcattatct acgngaacat actcaagctt gctcggcacg aggtacttac 60
 ccgttgaaga tcgatgaacg ttgattatcg aatgaagaac gttgaagaac ggttgatacc 120
 tttgagagat tcctcaccga caacgttgcg gatacgcatt cgaatcgcgt gcgcttagat 180
 tgacttgatg tggacaagta atgcgagcaa attggattga cacataggtg cctaattggc 240
 tcaacgcctt aattcttgtc tttctaacct atatataaca aaacaaggga cgtgggttgac 300
 gccagctcg ccagggcgag ctcaactcgc ccagggcgagc aggggttgctt cctccagaag 360
 caaccgcctt ctggaggaat attccggagg gcccaagtgt gcctgggtgc tatttgcacc 420
 cccatcttta ctaagaacac cagctacgc tgttttcggg gagggctctat aatacagtac 480
 cgtaacttac gatcgtctga agaaaggggg g . 511

<210> 310
 <211> 421
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 310

agttgcacat ggatttttct canaacattc ttaccaaaga gtttttactc tttggtaatc 60
 gattaccaga ttattgtaat cgattaccag tagcaaatg gatttgaaaa agttttcaaa 120
 ttgaatttac aatgttccaa ttaatttcaa aaagctgtaa tcgattacaa tgttttggta 180
 atcgattacc agttcctttg aacgttgaca ttcaaattca aatgtgaaga gtcacatcct 240
 ttcacataaa agccttgtgt aatcgattac actgatttgg taatcgatta tcaatgatta 300
 tttctgaata aatcaaaaga tgtaactctt catattgttt tgatttttca catggattaa 360
 gctctctaaa actatactct tcatatgggc gatngaccaa cttaatagtc atacattttc 420
 t 421

<210> 311
 <211> 234
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 311

acatcatcta ctattgttca tctgcttcca tgaatgaaga ttcattgatca tcacaggtac 60
cacaccacag gtacaanaat tgcagggtga gtntattata aaagaaataa tcaagcatta 120
gatgacaata attagcaagg aaactataac aataaccata atcatactta ataattcatc 180
agtttgacat acactanaca tctagtcatc aactttcatc atttncaatc aatc 234

<210> 312

<211> 221

<212> DNA

<213> Glycine max

<400> 312

aacagttcaa tcacatgccc ataaccacat cctgtgcccc tcaactgagct agactcacga 60
ccattctggt tttaaagggtc catatctcca agttccacat aaggatcaca taccagccag 120
tatacagcag caacaggcaa gaaaacttgt caaaaccaca aataagtttt actaagaaca 180
gtacattctc atcaatcgta ccgtgatcga tcaaattatg a 221

<210> 313

<211> 455

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 313

ctgagcaaat tcaaacgaca ataactntat aatcggatgt cctattgagt cccctaatat 60
atcaaactgc tccaaattga aaatggaagc tcgtagcata tttaaacgag aataactctt 120
tactcaaattg tgcgattgag tcacgtaata tatcgagacg ctctaaattg aaaacggaag 180
ctcatagcaa atgtaaaccg taataacttt taactcggat gtccgaatga gtccctgtgat 240
atattgagac gtcataatt gaaaacagat gctctgcgca tattctaaca acaataacct 300
tttactctgt tgtgccaatg agtactggaa tattgngaga ccctcgaatt gaacacaaag 360
ctcctaaaaa atcaaacaaa aacttttatt ttatgttcac tgaaccgtat tttcggacgc 420
tcacatggaa caaacttctt tattcaacgc agtcg 455

<210> 314

<211> 446

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 314

tcaaggaagc ttcttaagga agtttctcaa ggaagctacc tagtctataa atagaagcat 60
gtgtaacact tgtggtaact ttgatgaata agagtcttgt gagacacaac tcaaagttca 120
acttctctcc cctttttcct ccttcaatth tgtgctcccc cctctctctt tcttttctctc 180
cattgaagaa tcctctccaa gcttcttatc caaggcacat tcttgggtggc gaagctcctt 240
cttccatggc tntttcccta gaggatggcg cctcttctcc tttgtcttcc actgcatctc 300
cgtgggtggaa aatcaccatt gaaggacctc attgaagctc aaagatccag cctncataga 360
agttcacaag taagcttcat catattctct tangcacaac actgtggcag tatggactac 420
cagcgacaat gcatcaccat naaaat 446

<210> 315
<211> 482
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 315

ctgatggtgt cgagaagaga tcacatgttt gtcacatca aaaaggggga gaatgtgaat 60
gtatgtatac atgattttga tgatgtcaaa gaagaatcta acaaggctac ttcaaagat 120
aagcatttgc ttcaagaata attcaagatt gcttcaacaa acaaagcctt gtttcaagat 180
tcactaaaga ccaagccttg ccttataaca aagtgttttc aagacatgca aggctctggt 240
aatcgattac caggaagtgt aatcgattac ccgaagcagg gttgagaaat agctgttgaa 300
aaagggttttg aatttgaatt ttcaacatgt aatcgattac catatgtctg taatcgatta 360
ccagcaacga aactntggaa attcaaattc aaaagtcata acccttcaaa ttataactgt 420
gtagtcgatt acacacacat tgtaatcgat taccagtgga gagtttcaga aaatctgcca 480
cg 482

<210> 316
<211> 441
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 316

attaggttgt cagttctgca aagataacaa tgcagacgta gcataattac attatagtaa 60
 aaaaatttgt ttgcagacac ataccttgat tttaaatttt tgaacataaa cgatcataag 120
 ctctagaaaa aatactcacc agtctccaaa aacatgggtg gcaatggcac atgggtgagtg 180
 gccttggcct ccaatgtaat ctaaattagg gaaataaatc aaattctacc aaaagtgtt 240
 ttcaaatttc aaaatgtaga cttaaaaaac acaaattaac actatgtcat catcctccaa 300
 caaaaacaaa cctgtgtttg cattctatga agtgaactat ttgtttaaat gattatgcat 360
 gaagacatta nacacagttg taccattaaa tatgcaaact atgagaatnt canacaactc 420
 anataccaag ccaactattt a 441

<210> 317
 <211> 262
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 317

cattctagca gntccttatg atataagcta agtcaatgac cagccttang ttttcgtatg 60
 aggtgagagc atcagatcca acttcccttg atctacacaa ggatgtgatt aaagctggga 120
 agcctanacg agaagagtta gatngagcca tcatgggtcat ttgtctagag atcaaaccgc 180
 caatgttcat gtccatcctt gtgattaagc catagaccga cctagctcta tcntgtgtca 240
 natctgaaat gaaggatgta tg 262

<210> 318
 <211> 537
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 318

ggtgactcca tncnnnnatg aaacctctcg tagtaccctg gatcctctag agacgacccc 60
 gccgcatgca agctntgcgg atttgggtctt cgccagtga atgatcgaag tggatctgaa 120
 aagaggcaaa tttaatcatc ctgcttagac gaatgagaaa actgnnggcaa ataaagaggg 180

tgaggatgag ggagaaaccc atgctgtgac tgccattcct atacggccaa gtttcccacc 240
 aaacccaaca atgtcattac tcagtcaata acaaaccacc tccttaccba ccaccagtt 300
 atccacaaag gccatcccta aatcaaccac aaagcctgtc taccgcactt ccaatgacga 360
 agaccacctt tagcaaanac caaanaaaaa caccaaccaa gatatgaatt ttgcagcgaa 420
 nagcctgtag gattcacccc aaattccggt gtcatatgct aacttgctcc catatctact 480
 tgataacgca atggtagcca taaccctcgc tagggttcct caaacacctc atttttg 537

<210> 319
 <211> 512
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 319

nggcgtgcta tgtcctgagn atcnacngat ntgaaaaacc aagctttatt ttgcttgatt 60
 ctctgcaatt ctctgcatcc ttgtcctcgc aattgaacct tcaacctttg acattatatt 120
 ctcttcttcc actatgaggg aaggtaactt ctttgtgtga gtgcttttgg ttttggtttt 180
 gacgtaagta ggaggaaggt tataggtaaa aaaaaaatta taattatatt ttaatcattc 240
 tgtagagaag aagttgttta ttaagagagt gggtagagaga ggttaattaa taatggagaa 300
 gttataactc cctcctttat ctaattgatt cacatgatat tttagaacia acacaatatt 360
 tccatttgta ataaacattc ataaaattaa attcttcgat taattagcat gaatggtagc 420
 agtatgaaga attattatatt ntatcaatga ggcaagagat agttctaatt ttataaaaca 480
 agttaaatat gctnttagtc cataataaat tg 512

<210> 320
 <211> 533
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 320

tggacaagtt gacgcttgta aactggacca tagagnaccc ctgcggcatg caagcttacc 60
 gctgacttat tatccacaaa aagcttcact ccactactct ccttgattnt taattcctat 120
 aataatgtgt ccaaccagac agcttggcaa gcactcattg cagctgcaac atactcagct 180

tcacatgatg ataaagccac tatggattgc ttcttagaac tccatgatat tgggtgttgca 240
ccatacatga atatgtaacc tgtagtactc tttttgtcat ctctgtctcc tccccgatcc 300
gcatcagtat atcccactaa ttcttctgag ttgggtgttgt ctttatttgg aaatagaatt 360
ccagtattga tggttccttt tatgaacctt agaatcctct tagcagctag gagatgagga 420
attctgggtc ttttcgtata tctacttacc agtccaacaa caaattccaa atcagggtctt 480
gaatgataca agtacctgat gagagaacca acaatctggt tgaactcagt ttn 533

<210> 321
<211> 301
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 321

agagacatga aagaccggat gagnetttact gtgagatgga agatctaact tataagcaac 60
aacacccacc ttatntaaca cctggaaagg accataaaat cgangggaga gnttttcatt 120
aatcctnta gccaaaggatc ttctcttgta ggggtgcatct tcaagaacac ccaatcaccg 180
actgtgtatt ctatgtcctg acgaacgttt gtggcattng ctcgcatgat atcttgagac 240
ttcaacanga tttctcttat agtagccaat aattaatcta agcaannttg tagttattga 300
c 301

<210> 322
<211> 450
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 322

attatcatga aaccacccta naccaagaga acagagtaga ggcagaaaac tctgcccag 60
actcattcaa attccacagt tttccctact caaatacccc agtaacattc tcttagttcc 120
gattcgttaa ccattggatc accttgaaac gtttactgga ggttcctagt acataaatct 180
acattttgac cgttgggatc tactagaaaa tatctagaac acgagatata ctacctttcc 240
cgtgactggg gctgcacaag cattttttct gcacatttgg tcaagtttgc tgcacaattt 300
gacagctttt gctgcacaat ttggcagatt tcanaatcca actttcccac antccaattt 360

actcannatg gatcctanaa ttcctaaatc atgtataaat catanttaaa ccanaaacia 420
acttcagacc aaggcanatc anaatatacg 450

<210> 323
<211> 362
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 323

ctcagtatgt tccttgggta gataattaat aattaactta gatacaattc acaattgtat 60
ataancatta natatgttat aattaaagaa ataactacct ctcttgccca cactttggct 120
accacatgat taacatatga tgtcaacact aatgtatctt ggggccacc tggaaaaccc 180
tatgaatcaa cacctacatc ctttgaatt ggatcatgan ngttctcatg agtctcatca 240
gcagcatcat cgatatgcc attatcctcg acaatagggtg cagttgttca ttatctacgt 300
gtcgacactt tcaatcttcg acgctgangg gcttcttctc gtcaccacta acctctctac 360
ct 362

<210> 324
<211> 531
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 324

tgatgaatca tctcganctt gagatcctta gagacacct gcggcatgca agctntgacc 60
gcatcttaac aatatctttt gttctattnt tgtgttgtn ttaatcaatg tctttaagt 120
catcttaaca atgtcttttg gatagggatg acaaaataga cactaatttt gtgggtatct 180
ataaaagtat ttgcaaatag gaaggataat tatctgctta ttgggactag agatggggcg 240
gngatactat agtaccatct caccctccc cgcacatgta tgtcatatat tttatatatt 300
aatgtaatta aaaaataatt ataatttctt aattttatga ctagcaataa caatctaaca 360
aagaataaag aatcctaatt caacattggt atattaaatt tgcttcacat tctacataag 420
aatatcgaac tactattttac tgtttatgta taaagtaatg actctgctaa caagttatta 480
taagattgac ttgtgaaatg gtattctgtg ttgttcgatg cttcaaacta g 531

<210> 325
 <211> 470
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 325

atttcaatgc ggaaagtatt atgttcttca ctatccatgt tcacacatta ttgctgcttg 60
 tggttacgtg aacatgaatt acttccaata tgtagatggt gtttacacaa atgagcacat 120
 cctanaagct tattccgcgc aatggtggcc tcttgngaatt gaagcgagta ttcctccttc 180
 tgatgagcaa tggacactta tccctgatcc aagtacaatt cgtgcgaaag gtcggccaaa 240
 atcaacaagg ataatgaatg agatggattg gctggaccat ctgacaccga caanatgtnt 300
 agatgtgaag agaagaccac agacgtgatg tcaatgaatc tgatgtggaa gttgtaataa 360
 tgattatgta tttgttgtca cttaatgaat gacctatcat gacagctggt ttaaatagta 420
 tatatattat ggcggcctaa ctgacaatgg taatatatac ataatgatat 470

<210> 326
 <211> 315
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 326

ctgcagctag ctgctggcag ctggtggaag ctcccttctct atttnnncta taatagggga 60
 ggagtgaagg agagaaatgt tcagaccttc tggatattcg agatcacttg aaattagtga 120
 aaaanactgt ctccgtgaag aaaatacaag ccgacgcgct ttcgtaacgt ttcgtgggga 180
 tttcgcgaag aatttaccta tntcttcgac gtcttcggtc gttcttcggt cttcaaccg 240
 gtaagttctc gaaatcgaaa ctttcaattc attctatgta cccttagtgg tcttcatttg 300
 tttcacgtgc tttat 315

<210> 327
 <211> 352
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 327

aatagataca atctaggttg gaggaatcat ccaaactga gatggacaag tctttcaca 240
 caacaacagc ttatcgcttc tttctagaat gctgctggtc caagcaagcc atatgtntct 300
 tctncaatac agcaacaaca gtcacaaana agacaacaag c 341

<210> 330
 <211> 450
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 330

atgtatccaa aaccctcaa tttaatggat tttcaagttt tgagaagtga aattgggaat 60
 gggataaatt tggagcaaac tctcacctca cacaagtcta taacatcaat ttaaacttga 120
 tcaaactgga tttacaccta aaatttcact gaatcagaat gtgactactc aacccccaat 180
 tttaccctag aaatggctct ttgttcagtt aggtcatttg tttttctctt tagcacagcc 240
 cagactttct cataagtcct atatgacatt gcaagctagg attaactgac tgtaacctcc 300
 acataccact aaatccagat ttggccttcc aactatanaa cattcactct ttttactc 360
 ataacaccat aatctcacct tctaaccctt ggttaattct acacttcac tctaacagat 420
 ctccataagc aagttcagca cacatacatn 450

<210> 331
 <211> 471
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 331

cgtcagagtt tanggattga gcttggttca actgagtgtc catctgcccc atctgattgg 60
 tcaaactctg aatggaggct cttgtctctt gctgaaactg catattttgt attgtcattt 120
 gccttactaa ctctcttaag gaagggttag aaggggcctc agttgattgt tgtctctgtt 180
 gttgttgctg ttgatgctat tggtgttggt gcattggagg aggaatgtat ggcttgcttg 240
 gaccagcaac attttggaag gaaggagcag gttgttggtg ctgttggtga gggctagacc 300
 atatgagatt agggtgattc ctccatccga gattgcattt gttgctagag aggtcataat 360
 tgttctgcta tggctgattc tgctgctgag gatgaggagg tctattgtaa atgtttgcag 420

catatagctt angctgctca attgctccag attgctgcat agaanggcac g

471

<210> 332
<211> 446
<212> DNA
<213> Glycine max

<400> 332

gtttccgttg ttcaatttcg agcgtgtaga tgagttatgt ccccgaaatcg gacatctgtg 60
tgaaaagtta tgaccattcg attttctcga gagcttccgt tgttcaattt cgagcgtctc 120
gatataattat gaccccgaaat cggacatctg tgtgaaaacg tatgaccatt cgattttctc 180
gagagcttcc gttgatcaat ttcgagcgtc tagatgagtt atgtccccga atcgaacatt 240
cgagtgaaaa cttatgacca ttcgaatttc tcgagagctt ccgttggtca atttcgagcg 300
tctcgatata taatgtcccc gaatcggaca tccgagcgaa atgttatgac cattcgatct 360
tctcgagagc ttccgttggtc aatttcgagc gtctcgatat attatgtccg cgactcggac 420
atccgtgtga aaacttatga ccattg 446

<210> 333
<211> 400
<212> DNA
<213> Glycine max

<400> 333

gagtgattca agaacaccct gtctgtatca tatgacattc acaacctttg cgtgttgccc 60
tcgctggaaa gagcagagtct ttccttcctt tcatctatac ccgttgatct ttcaaaccac 120
aagtcagaa gatacacctc tgcccagaat tatatcgtgg ccataactcc cattctacgc 180
actcacatta agtgattctt gaggctatac tgaatttcac aacgagttct ttcacctcag 240
tatggaacac ctcatggag ccttagctca gtatgtcatt ctaattttgt caccacactt 300
actagtttac atccattatc atttatgcaa gaccacttat agacacgaat acactattca 360
ccttctataa tccctttcat agttatcaac atctagcact 400

<210> 334
<211> 457
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 334

tatacaatgt tntcatgata aaagcctctg ttgaccatcg gaacaagatt tccaaagggg 60
gcctctggaa atgcagtcct tgcattcatg aacctgaact gtgagatgaa gatcgaagat 120
caaagatcgg atggttcatg tctcgaatac ttaatttaaa ttagattggg ggagataaaa 180
tataattggg ctgatcttca tacaatgggt gcgattagcc aaatgcctga atatgggaaa 240
attccctgac tgccgtgaat cccaatccct ctaattaaat aagctttaga atgcagcact 300
gaactaaaaa atttcttgcg tcatttatat acaatctagt aagtaatgca ccaaagttcc 360
aatttttgca tcanaggaca gagctgatag cacataaact aaatggcata aaaatacaac 420
caaatcttat cactgagttc tatcaatgga ggagggcg 457

<210> 335
<211> 260
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 335

ctatcttaaa gtaagctcta tgaaatttat aaatcgatat ttatatttct aacacgatct 60
tccttacaac tgataaagac aaagagaaca aattcaatta taaaataaag gataaaggaa 120
aaaactcttg acccacacac acaaaagaga cgtattatag taaaaaatat ttaaggcatg 180
aaggataagc aagagtggnt ntaatttata attctgacgt tctccttgta attcccatc 240
ataattttct tctgtacttg 260

<210> 336
<211> 446
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 336

tccttcaa at aacttgcaaa ttatgggtct agaattctat aattttctat aggtttcagt 60
ctgctagcta gttattagac tggtggatc tgaatagggt ttatcccaga tttattgtat 120
tttttgttc taggtaatgt ccagtcatgc ttcttttaaa tctaattatt tgaaaccaca 180
aaatttagag cctgcacttt ttaatgtgtt tatgaaattc ttcgttttta gctattcatt 240

atccttgcaa tctcttattt cacatggtag tacaattcan attaacttca gattttgggt 300
 ttattttgat gtttgctctc gaagcagtct ggaattttcg gtccttgtag acgggttcgg 360
 ntaatccttt cttatnggtn tgtctgtact ttgtaggaag cactcaagac tagtgtggac 420
 gcttcagtcg ttccacatt tgagag 446

<210> 337
 <211> 255
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 337

gatctgtgct tgcaactgct ntaagtagtt aatcatctca tctaacattg aagctntatc 60
 tgtctgcaat ttgccaagt aatccaccac gtacaggaat aatcaatcca catatataga 120
 acnntgattg tgcattngat tntggatnga atatgnttnt aactatgtaa ttnttgataa 180
 aaatgaaatg atattagtct ccgattctaa ctttaatcaa tttaatcctt annatttaaa 240
 agactgttnt cgtca 255

<210> 338
 <211> 441
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 338

ganaactacc aaaactaccc atcatatctc caaaacccc ataccacga aatttaagag 60
 agaaagaagt ccacccaaac ctgaaatttc gaagtccac tcgtagccac gcacttcacg 120
 actccaaaaa tgccctcctt tcgcgatttg gagcagaaat gagcaccaa gggtgaagct 180
 ttgtttggag cttcaatgga gaatgagggg gaaagaaagg caacgtgagg aagagagaga 240
 gctgtctgaa aaaagtgtgg gggctgagtg aagagagaga anagcttntt gggtataaaa 300
 taaaaggggt ttctcttttt ctattattnt attcanactc tgccacgtgt ccctaattga 360
 gtggagcana agggcccact ttctctttta ctgtgacca cactcagcca canaagtgag 420
 aanaatctga cttttganac t 441

<210> 339
 <211> 535
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 339

agagccgata ggttgggngc ttgnacnant cgacantata tagtactcat tgctgccaag 60
 aaggtggtgg atctcgaggc ccgactgaat gaattatagt ccatgctcaa ggagtctgag 120
 ctacgggctg ctagagagag ggaggccagc aaggagcttg aggaggagt tttcattttc 180
 aagaaggagg ccgtggagca gcatgaaaaa gggccttaac aagccgttgg gcaggctggg 240
 ttcttcacca aggaccttga cttgggtctc ttgaccctt ttaaggacgt gaagaatggt 300
 gttttgcttg acaaagacga tattgctgct aaagaggagt aaggcgatga tgccattggt 360
 tagggtgcct ttcgtttatt ttcttctttt ctccattggt tgaatttagc cgcattgggc 420
 ttgtaattat gacaaattat cttcataagc tttccttcga tgacaaattn tgcactatnt 480
 atgtatgtct tgtgtgttgg ctttatctat gcaatgctcc atgcttgtgg tagtn 535

<210> 340
 <211> 406
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 340

tacacctata ctgcgcaactc ctttcacagn caantaacac aaacaanagc cttcctctac 60
 tacctgtggt ngtgcagacc ttacaatcac tgccacanat ccattttcat gagcaacgga 120
 tcgagcccac cgcanaacat nctctcggt gtcaatacct acaaccaatc agataatata 180
 agttctacaa catattatnt atttataaat actccaacat aacgtattac taaaagattg 240
 acgcatcaac aacaatggat tatcacccaa ttttctatnt ataataatc acttttaaca 300
 taacttatca tcatgactcg catatacata ataaaattaa ccataaacac ccatcaacta 360
 tctacatcaa cttctatact ctctgtaaca gttataaaca ataata 406

<210> 341
 <211> 466
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 341

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ttctacagaa tccgtanagt ttcgtgaggt ttcggaagga aaacaaccaa acaacacaaa   60
aattggggggg ggggggtgaac ttatcaagct aggagtgtaa atagcaattt tcaaattcttg  120
gcagaggatt ctggaccttt tctttcttcc tggctaagca acttgggcca gcagggtggc  180
aagcacctcc ctcattttgt tgaaaaatgg cttccggcgc ttccgtagaa ttcccgtaac  240
cataaataag tatatttcac ttaatatggg tgagaaggaa gaaaaaaaaa gaagaaaatc  300
aagtccgata tgcttccgta actttttcgt aaattacgaa gaaggggggt gaacttatca  360
agtgcgaggt gtaaatagaa atttttgaac tttcgaatct cggcccttcc agaacattat  420
ggaagctcgg gttgcttagg agggagcagc ctacctcgct tgggcc                    466
  
```

<210> 342
 <211> 444
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 342

```

cataacattt ctaagtata aagttttctt cttgacttct ctttgggttc tgctcatggt   60
ttcttttaca agtctagttc taggctgata tgcagtggag ttggaaatct ttattccagt  120
aatgaccttg ggtatttttt ctgttttctt tcttactttg nttgtgagga tatcttattc  180
tcctctatac tggacacact tcctttctct cttcattaaa ctttcttctt tatagagatc  240
tgaacttggt gaatttggtt ccagggtttg caacagttgc agtctatgac tctgatgacc  300
aatctcataa ttttctttgt gtttctcttt tggatattct caattacaca tcgcgttggt  360
atactctgtt gattttaatc ccttctatac tagttgntca ttgtgcttaa tatagcttct  420
tctattttta tctcatgcag cttg                    444
  
```

<210> 343
 <211> 488
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 343

atctccttct tcactacatc aagaatcacc gngttgagtc ttctctgtgg ctgtcttact 60
 gggttagctc catcttctan atntattcga tgcatacatg tggatgggct aataccagga 120
 atgtccgcca gggtcagcc tatagccttc ttatgcttct tgagaactga caacaacttc 180
 tcctcttgct catcagcaag ggaggcagat ataactctg gagaactctt gctatcatcc 240
 aagtaagcgt attntaaatn tgatggcaga ggcttcaatt ctggtgtggt cggctggaca 300
 gtggtagaag gagatggttt ctacgccttt acctcataaa gaaagtcaga ggtatgtgta 360
 cttcctgaaa catggttagt cctatctgac tctatnaaat caatctcaag aggtanaaca 420
 ccaccaccag gcatgcantc aatatcactc tcagaatcac tctcagcatc anattcagac 480
 atatgatac 488

<210> 344
 <211> 532
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 344

ntttaatccc tcagtgcccg agctccttaa gaaacccac gcatgcaagc ttcacgggtga 60
 atctacagtg attcanagat gttntgatga taacaatgat gataacaaaa gatgatgaca 120
 aaggatgatga caaaaagctc aaagggtcaat taaaggatga gttcaagatg ttcaagaagg 180
 aatcaagaac aattcaagac tcaagacgaa aagggtgaag gacacttcaa gattcaagag 240
 gaaagttgaa ttcaaaaatc aagattcaag gatcaagatt taagaatcaa gatcaagatt 300
 caagattcaa ggttcaagaa ctcaagagaa gacttaatac agataagtat ganaagggtt 360
 ttcaaaaaac tgagtagcac atggattntt cacanaacat gtttagcana gagttnttac 420
 tctctggtaa tcgattacca gattgctgta atcgattact agtagcaaaa tgttnttgaa 480
 gttntcanat tgaatntaca acgttccatt taatttcana aagctgtaac cg 532

<210> 345
 <211> 290
 <212> DNA
 <213> Glycine max

<400> 345

catttgcggtg cttattttctg tatgggtatga gatgaaatgc aaagggttacg acttggtgta 60

gtcggttata atggaatgag cctaaacact tgagcttgag tgaaacgacg actgtgagggc 120
 tgtggttgag gaccccttct tgatatctgt cattctcact agcttatttc aattatgact 180
 ctaatgcata tctttctatc tttgaaaagt tgcattgatg tgagaagcaa ttgattgaag 240
 cattccatga tattcatttc atatgattga atttttctgt aaacaaacac 290

<210> 346
 <211> 377
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 346

tatcacatat atatatatgt tatgcgtaca acatatatca ttacgcaatg acatttgagt 60
 ataataaaaa atagttctgc agggcctaac atttcagtgc ttatattaat ttaggtacca 120
 cttaacattt attattgagt caactctcta acgnatattc ataatttctc tttgtaatat 180
 taatttaatt ggntaaagaa acatatttct tatggataat aatggctttc agnttcttag 240
 tgaaccacat ctgannaata tacttgacaa gaaatgtgtt actatgtcat agntaatctt 300
 tttttctttt aaatacatca tctcttatgg acgatttttag actcggagga cttattatat 360
 ggacatacac ttatata 377

<210> 347
 <211> 396
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 347

cacacatgta gtgaacatct atgataacct gcttcgtgta agcattgtgt tagctataat 60
 ntatgaagaa ccacttctag ttctataatt gtacaacata ttagcatatg ccanactatg 120
 tgtatcattt ggatcaccag aataagaata ttacctcaat aaaatctcct tttggcatta 180
 gtgctctgca tgcatctcta ntcctttggg atggtgatat taaactagtg atgcaaataa 240
 caccagcatc tgcaaagaag ttagccacct cacctgaana tntaaatcgt gatgtctaan 300
 tattaataaaa acaataaaat ataatcgga gatatcaggg anagcattta gaaagcaaca 360
 taagaaaaaa cagaataact caccaatcct tctaata 396

<210> 348
 <211> 225
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 348

tagttacctt cttatgccta gccctatana tactcanaaa ctcttaattn taggagaatt 60
 ttgtagaatt gaaattaagn tgtgcttaga gagagcatta gcctcttctt tggtnnttgac 120
 tagaaaccaa atggattctt ctcaaagaag ctattccttt atggcaaata ctcctactcg 180
 gtatcgattc ttcattggatt gtggcatcgn tctgtcatct tctca 225

<210> 349
 <211> 203
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 349

acgttatcta tagaacattt ccattggatg taatggatga aattgtgcat ctttaggtga 60
 gaaagaggct atgttttgaa ttgcanaatg tagcagttgg gctaaacgca tatccaccgg 120
 taagcgcaat ttcagcgtgc ttagtgcana ggagaatctg ggagagcatc aacatcaaag 180
 ccgcgcgcta agagtgggat tag 203

<210> 350
 <211> 455
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 350

gacctaaatg aagactaaac atgcattgtt tatgtaattg tattcattat gcgatataat 60
 ttgttgtaag ccattaataa ccaattaata ttattaagta ctggttttgt taagcaaaaa 120
 aattgttggt ccaacaaaaa tcattttacgc gtgtaggata catcattgtc ataattgaca 180
 acacataatg acatgcatgc gtattaaagt ttgagcgaga caccacattg actaacttga 240
 ctacacattc tgaaggaaac ataaacacga aacatgttca tgcgtgtcta attttttgta 300

aacaaagaga agcaatctgt ctgtgacaac catgtatata tatagcagac acaactaata 360
aatcacacat tatcttgctn tcacatagtc tcccaatgga tacacanagt atgaaatttg 420
tagagaaact agcagtcaga tgattgcaac tcacg 455

<210> 351
<211> 483
<212> DNA
<213> Glycine max

<400> 351

atgttagtct gctcacatca aagagatata ttgtcttctc tctcagatat atttgatcct 60
aatcttatcg ttttcttata tgcgaactca tcagctgtaa cattcttata ttatctacac 120
acttgagggt atatttatag taattaatac aacttatata ttatctttga ttaacctgtg 180
cagattgtta agctttcgag aattaaaaaa agaattagac tcttgaggat cctgaattaa 240
acgtgaacaa gtatatatag gagcaagttt atccattgta atcattagat tagaaataaa 300
aactacttgt ttgtgataga aataaatatt tatagttaac ccacaatgaa tttcggaata 360
ttattattga taattttata gtgcaaagggt atttacatta tatacactta ggctcataat 420
tgtttgccca gaataaagca acaaactatt ccaactataa agggaaataa gtcagaaata 480
aat 483

<210> 352
<211> 448
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 352

tagcattaaa tgcacatcct tcttgatgca acaaaattac tctgattggc ttttgtgtag 60
aatacttcag tataaaacca cttttccttg gtcaaagcat gtttttcaca tctgaatgcg 120
tcttttgatg ttgttttaac aattttttta ctttagtttc atttattatt cataggattc 180
gacaaatcat atgagaatgt ctctccaaca tgaatctcag acacagaaaa ataaatatag 240
agcgaaatat cattttttta tgttgtatca ggatcatgact tggctcctatc ttcattctaat 300
acttttgacg catgatgtat acaacatgat ctgatatcgc ataagatata actattcacc 360
ctcgtattta tgtgcatcga ataagaacaa ttatgagtat tgatttatct tatgacataa 420

atgtcnttat cttaacatag atgaaatg

448

<210> 353
<211> 277
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 353

cctggagata tgtncgcggg gtcaggagaa ccttgggacg tcaagtggng tgctatngcc 60
canaaccaag cttgaccaat cccgacccaa cccgcgcata gtcggtcagt gagaacctgt 120
gatgtaccta agcaggcgag ctctggcag tcaacagata anaggaaaac aagaccacan 180
agcaaggagg cttgtggtgg ctggccagct gtgaattttg tgtaatatgt ggattgtggc 240
ctctggtaat cgattaccaa gggtagtaa tcgatta 277

<210> 354
<211> 302
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 354

cggtgatact ggtttctaga agtggctcca gccattccca tgnnttcaca tttaaagaaa 60
agggagaaac aaccaacctt atgtactcct tgctaattgtt gggttnttta acaatgtcac 120
acaacctcaa gaatctcttc anatgcatca caagaagctc tgnntgaact ggtactntta 180
atcatctgga ggaacccatg tgtgaactca naagtaactc ctcgaggaag tggtagtagt 240
tcaatgggtg tggtttctcc caccagatgg gtgacataat acagcaatgt cagtgtagca 300
tc 302

<210> 355
<211> 436
<212> DNA
<213> Glycine max

<400> 355

agatgaacaa ccaaatgaaa catgacagtg aagaataaag gaggaaatat catttccatg 60
tgggtataaag tgagaacaac ttgattttgt aattagccta aggtcttaac ttccaataat 120

taagccacct atattctatt ctgaatgact actactcacc aattatctgt acgccccccc 180
ctcccatccg ttcacggata gcacacttgc gtgattcggt gttatatttt actcagcggg 240
cctccgcgca cccctcacgt atgcatactt gatacccctc ggatcgtctt atacaccctc 300
cgtccttgcc tctccgtctg actctttcta ccgactatgt atcgtgatga ctcgtattcc 360
gcgcggttct cgctcacgag ccactctgct atctttgagt ctcttatctt acttagctct 420
acgtctttat agctct 436

<210> 356
<211> 350
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 356

cttctagttt cactgatact tgtttactat tactggacaa catatctagt tctatgtctn 60
tcannattgn ttattaataaa gctttcattt gtganaaagt tattatcttt gattaatgca 120
ctattcaacc cttcattcta gtgtgatmnt tggatattca tcatctattt taaaatcgag 180
acatttgatc attctaattt aaaaattctg caatcttggg ctcctattt cataatacaa 240
acatntgggc tccatatnta agagaatctg caattctggg ccctatattn tagaaaatcc 300
tcaatcttgg cttaatcttt aattgtgtct acattcttat ttcttacttt 350

<210> 357
<211> 505
<212> DNA
<213> Glycine max
<400> 357

cttgaacccc atctagtacc cgggacctc taagccacct gaggcacgca agcttgaaca 60
ttctctcatt tgattaagat attattactc tacattttta gactgagact tatgagaaaa 120
aacacaaaag ctggtgggct agactattag cctaggacaa gataaggctt gaagggggcc 180
aagttttatt tgctcaatcg aaaatgcgaa ctaacaccaa tccaatccgg ttatacttat 240
tatgtcaatg aatcactat taaatcatct aaagtcaatg agatatcgta tgaattgttg 300
ctattaacta acacatacac caaagactag aacaacgaat tgatttagca tcgaatatga 360

agagtgagga gcaccaacaa cattggcagt gtggcataat tttctgcaga cgcagcatcc 420
accattcgtg tctttcgttt gatggtacat tgctgatgac gccccagag aaaagaaagg 480
attggattga atgaccatca ttgct 505

<210> 358
<211> 460
<212> DNA
<213> Glycine max

<400> 358

caacacctat tacaactctt aatgcatgct ttcttggtgc atttaagcta tcacccccaa 60
caaatttgct taaaccatat gaattcaaac tcgtggtgag ttaaccctct tttggacat 120
caacgttgac ctcaaccata tgtctctttg ttcttacatt agtgagtggg aattgatttg 180
ctgaattttc attaatgaca ccaatgatgc atctgagttg gggtattgat tgtgatcaaa 240
ctctggtgaa tactgattga tgtaagcttt tgagttaatt aaggtctaag gtcaatcttc 300
taatgatttt gagctctcca acaataccaa acaaccgtga aaagtgggtg ggtacctata 360
aaagatagag gcaaccctat gaggggggag gtgggtgatc ccttttcttt attttctggc 420
gtttccttgc gcttctgttt ctcttactct cgtgttctcg 460

<210> 359
<211> 254
<212> DNA
<213> Glycine max

<400> 359

tagcataata taaaaccta ggaaacacag attcagtatg ggatacatat atgatatgac 60
atgacaagaa acagacaata tggcacattt tagaagttat acagatatga tatgtatctt 120
aattctaaca tggtacatg acatgaccac tggtttcaag tgtatgtact tcttatttaa 180
gaattatgag aggggaaggtg tttatcacag atatgtggca ctatcagata tacaaaagta 240
atgagctatc aatc 254

<210> 360
<211> 114
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 360

gccttgctctc tctctactct ctatagtgtg gtcatagatn tatcatntaa cgcataatat 60
atagagaaat ctaactctgg gttctgatat ctgaatcgaa tgctgacatt actc 114

<210> 361
<211> 456
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 361

caagttgtn tgataatgac aaagatgatg acaaaaagcc caaagaatga tttcaagaat 60
gagtcaacaa gttcaagatc aagtttaatt tcaagtttca tgagaagaaa tcaagaagat 120
tcaagaatca agagaagatt gatttcaaga atcaagagaa gattgatttc aagattcaag 180
agaagatgaa ttcaagattc aagagaagaa atcaagaaga cttcacaagg gaagtattga 240
aaagatTTTT ccaaaaacaa catagcacag ttttgTTTT caaaagagtt tttctcanaa 300
natttctaag ttaccagagt ttttactctc tagtaatcga ttaccagttt cctgtaatcg 360
attaccagtg gcaaagtttg gatttcaaag tntttaactg gaattgcaac gttccaattg 420
attncaaaat ggtgtatatc aacacaagat attggn 456

<210> 362
<211> 442
<212> DNA
<213> Glycine max

<400> 362

taattgttta attcttactt cttaaagtga cgttatatac ttgttatagg aaccttataa 60
ttctaagtat atatagttgt agtatggtgc tctgccttaa ttgcataggt agtatggtg 120
tttgtgattt cttgttcata gtgatgctaa tactctatag ctggatgact catatcaagt 180
tatatttcat aaggaatact cttttgatcg taccttctaa ttctagtgca acctatcttt 240
ttttgtgttg cgtgcttaag tcaaataaat ctgattcact tgaaagcctg agtataatta 300
attctgtgtg ctatgagact acatcacaca atgggactac ttgatgcttc tatcacaatc 360
aagtgattgc tcatgtctta tacgatccac cttgcggtca tgtcttgctc tcgacttcac 420

gcaatctgct gttatctcaa cg

442

<210> 363

<211> 358

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 363

gtatgtgtat gcagaagatg ataggatgaa gctaacttac aataattcca tgtgctcctc 60

tatagtaact gcttgntata gtctgaatc gctcctgtcc agctgtatcc cactaaacaa 120

aacacaacan atgaatccaa gcttggcatg catgtggcaa taatcatgaa tatgatcaag 180

tgaaatgatg atntcgctnt gattctcatt acccaacacc gacagagggtg aatgcagaaa 240

ttatggtaaa ttacaccana caaactanaa acacaataat atagaatcgg ggcattatan 300

atgaagtagt cgggtaaaga cattgattcg tgtcagttaa gtgtgatact cacaatct 358

<210> 364

<211> 529

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 364

tgcttgaatc atcgaancct ggatcctctg agtcacctgc ggcacgcaag cttcctccta 60

ttgttgatag agtgtgacat ctatgatcct catagtctcg tgctgtgctc agtgtacggt 120

tagattttgc gcttaagaaa caactgcagc atttgcagct gatatttcta tcttctctct 180

gcatttttct tacttgaagg acattaacaa aagccagttt ttttttgtat tttcacaca 240

tttttgtttt ggtatttgac atttttgtcg cattaattaa ttatattata ttaacataca 300

attagagcat gagagatgga atctattaac agtttcaaaa ttttagtttg agcctgacag 360

cacaaaaaag acagaaattg caaaatgaaa acagtgctaa tattttcttt tcttttttgc 420

acgagacata tagttgaatt ggcagtatat ttgcagagaa tatctaaata cagctaaact 480

atctcataat cttatctata atctcggata tagacagtat agataggct 529

<210> 365

<211> 376

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 365

accgtgacca tgtaccttca ccgctaccgt gtacttgatg gtgaccgcac ctctatgagg 60
gggtgaacca ctcggaagag gactgtggaa tacgccacgc tcggtgttgc tactgctntt 120
gtccctccac cctatcatca ccacaatggg tacttttggtg ctgccatgcc catggngact 180
tacgttaggg aagcgccacc aaatacagnc tncctccatc accaccacca ccaccaccac 240
caccatgctc gtggaatctc caatgctcat gaaccaaagc ctcgctccat ataanantat 300
ataattatga ctaggattca gaacaagact nngatgatga tatgctaact ctgagtaatt 360
ggtgctagag tactac 376

<210> 366

<211> 435

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 366

taactgtctt tgggcttggc ggccatgctc aacaaagtac tttcgacacc tactgtacgt 60
tgatttcacc aatgctgata tgggaatgct gctataatct ctatcaaata ttatcgatcc 120
atgtagatag atattattcc tgggtcaacca acgctaaaaa ttactgtcta attaatacctt 180
gctccttcta ctattgctag ttccaccata cttttccgta aacttaatcg atgtatatgt 240
ttcgcgctgt catagctgan tcacagccta agtcacgtat agacaatcta agatgcatgg 300
atgatagccc tccacaagat aacgatgact atgcttatgt ttacctactt atcttgaatc 360
taatcgaatg gtgaatgact actatacatt ctatagttac ctcaaattaa cggcaagctc 420
gtctgcagac taacc 435

<210> 367

<211> 468

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 367

ttgagaatca atttggtggc tcagtgtgtg attttcgtac aagccattct tttgttcttt 60

atgttaaagc ttgcattctc aacgttntga aaggaagatt ctgtttttat ttctttttct 120
 tttcccttac gatcttatgc ttctcttgac tctgcatgct nttaactntn ntctttttac 180
 tatatactga tgactgtact ttcaatagta ttattaaagg gtaatttctt ccaattaccc 240
 ttattaatgg ttaccttcca tctcaggatc aggaanttaa ttaataacat gtttcattcc 300
 cacttaatta gcanagntnt ctgaattaac anaaggtana agggactatg tttctttttg 360
 tctctcttta cacataagag agtatcctgg tcaatactca actcacgtaa taaagttctt 420
 attgaataac ctatgacacc ctataatagc tttatttaga tatctaca 468

<210> 368
 <211> 351
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 368

tgtccctctc aagagattnt ngattgattt ctagttggta agcacccatc ctcttctect 60
 atggtccctt gagtttattt tcttctccca ccaagtagac atganatggn gtttcacttc 120
 anattatgat tggtaggtga aaatataatt ganatgagcc tgagtcacac caattcatta 180
 naatgaaagg gaattgctat ttgcactcct cctttataat aatacaatcc ctatttattt 240
 atatttttcc aaaatatccc taanaataca ttcccaatgt tcaactccttg caatnntctt 300
 tcgtcanatc cctactgtga gtgcgagcaa agagcaacaa tacaccatca a 351

<210> 369
 <211> 334
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 369

tagaattcaa ggccctgtaa tccacacaca tgcgtcaagt tccatccttc tttntcacga 60
 gtaacactgc ggaggagaat gggcttcgac tgtgttgcat tacactggaa tngagtaatt 120
 ccataactgt cgttcaattt cggacttctg gaagtatgga tatttgtang gtctaacata 180
 tngttngcct tcaaaacaaa ttatctgctg attaaccaga aatgagaaac gagcaactca 240
 ttatatatag ggaaataacg ttctgaagat gattcaatta tgaaaaaagg acagattaac 300

cgcatactat tttacctctc tcttcttctt tgtg

334

<210> 370
<211> 215
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 370

ataatcatgc atatgagcat ntcatttca aaagccaaag actaatgagc tggtatcatc 60
attagaagtt aatattgcat gatcataaca agagagatag tgaaatacca gctttaccat 120
atgctgcatc agcaggttgg actttggagc caacagcagc agcaccaatg agcacagtta 180
tagctaaacg gcgagagatt gngctgacat caata 215

<210> 371
<211> 416
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 371

atgacgttat gttttgatcc atttntttta attcatatta aggggtgtaaa ataaagtana 60
aagtgtatga aattttttatc tttnttggtt anaattttctt ttaagttaan actgggttcga 120
caattttttt ttataaagtt tagaattatt taaaactaac tgcactactc aacannaaat 180
atattgataa aataaacaac actaagntaa attttttnga aaaattatgt aaaattaact 240
agtaatttag ttgtgcaatg cacaagattg taattaanag gtgaaaaatt gaacaggngt 300
tctaaacaat cgagcactat nttcttaatt ntatcatccn gatacaccac atctaaataa 360
aaggctaaaa atatactata tatatcttag atntctttca tctccatgac atgact 416

<210> 372
<211> 441
<212> DNA
<213> Glycine max

<400> 372

tggagaatag aaagtcgcca caaacattag tatggaaaga taaacatggt atttaggggt 60
tttgtgcaaa tacaaggaaa aatgctatta ccattctgct cctcttagcc tcttcatcac 120

tgtcattacc atcatcacca acagctttcc tggaaaagtt catagcattc ttaaattgta 180
 agtacatcaa taacaatatg catatcagaa aagtgaacaa aaaaaacaaa ataaagatat 240
 tggacttcaa accttctttt tgcaatggcc cgatcatcat gaccagcctc agcatggcca 300
 tggccatggc tgtagtcagg aaccctgcta acaacgtccc tcagaaagca aagacattat 360
 agcttgacac aatgttttct gtcatttcat tcccacttgt acgcttatag ttcgcagatt 420
 atagagcttg aaacagatac t 441

<210> 373
 <211> 333
 <212> DNA
 <213> Glycine max

<400> 373

tattctatat ttgtgatggc tgctttgcag tgtgtgggtgc tgaatacatg atagtcgtgt 60
 tattgattac aataattatt agtctggggc taattttctt tatgtgcgct attcacatga 120
 gatgttcgct atgaatgacc acatgtttgt gaacaatggt aacaatgtta gttatatattgt 180
 tccgctcgag cataagaggg gtgcaactag acctcaaaac tactgggaga ggaaccttat 240
 gagaatctca atcccactat attgaggaaa caacaacaag caagtatcaa catagaagat 300
 gtgggagaat taaccacaat gagagaaagt gtg 333

<210> 374
 <211> 592
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 374

tacacgtcca ctaccataca cgatgcgtca atctcanatc tgtctaacgt attaacctac 60
 annncnnacc caagacaggt tgattgatgc antctcgtac ccngnatect atacagtnga 120
 cctgcatgca cgcaagctta tgcatagcat agagaggcac ttgggtgtact tgcaactcgc 180
 cctagagctc gcccaggcaa gctgttgctt cactctgaag taacttggct cacataggtg 240
 agctgggttac tttagcccta agccatttgg ggggtgcaggt gagttagagg ctagcctgtg 300
 cgagccaggg cctagaaaat tggcttaaat gacccttttg cccctcccc ttgagtagct 360

tccgcatctt tgacaaaac atcgaatgat ctttcgtctt gcgcggtaac tgggtgttgaa 420
 caactcaatt cagctatcga gaatcacata tccatgaatg atagtccttg cacgaactta 480
 ggcctgacag tgcccccttt acttatttct atcggaataa aacgaagtca tattaggcac 540
 tattctattg agtgcgctgc tatcactggg caccggcaat ccatggatat cn 592

<210> 375
 <211> 347
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 375

gctgctcgcg ttatgcgaga cggagaccaa catgctagct attatcgcca agtaccttta 60
 agagataggt ctagccgcgg cccacgagca taggattgcg ggcgaatatg ctcaagtata 120
 cgcggaataa gaggctagag gaaggggtgat cgactctcta caccaagagg caaccatgtg 180
 gatggatcag gttgctctta ccttgaacgg gagtcaagaa cttccncgat tgtagccaa 240
 ggccaaggcg atggcagaca cctactccgc ccncgaagag attcatgggc ttctccgcta 300
 ttgtcngcat atgatacact taatggccca catannatag aaatcgt 347

<210> 376
 <211> 461
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 376

tcccatagga agggcttaat tntcttgagc agtttgtaaa acaactttac cttttcgacg 60
 aacttcaaga ggaacctgga cagggatgct agcctaccat ttagtatttg gacttcttgg 120
 tcattggtct ggctgcacat ctccaatatg gcattgcatt cattgggggtt ggcttcaatc 180
 cctcggtgag tgatcatgaa gccgaggaac ttgcctccgc ctgccccgaa agtacatttt 240
 tgaaggttga ggcgcatgtc atactcgcg agctcctcat agacttcttc taggtctgac 300
 acatgttggg ctatgctttg agacttgaca accatgtcgt ncacatatac cttgacgttc 360
 catttgatct gctatatana gacttgggtc atcagtcgtg ggtatgtagc gccttgcat 420
 ttaaagccga agggcatgac cctatagcaa anactggcat t 461

<210> 377
 <211> 295
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 377

cttgcgtcct atccttcaac cacttatgat agccaccaac gacanctggt gctgctcccc 60
 taagctcctt atctcttctt tccactgcat tccacgcctt gcggattctc tgaagtatct 120
 ttgcgttgcc ttcattgaaa ccncatgcaa cgaaaggcgc gatgatctct tccaacgggtg 180
 cccctctcat agggtaacct agttgtctta tggctagtat gggattataa ttaatacaac 240
 cccttggtcc catcaagggt tcattcggga atccttcaca tgagcacaac acttc 295

<210> 378
 <211> 434
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 378

atcaatatca tttgtattct tgcatatcct tgtatcagat ttatttactc agtagtataa 60
 ataccaagtc agttagaata tgttcatacg gaaattgaat ccagataatc atattatcaa 120
 gtccagtcag aagatgaaaa taatgtattc tccaatgggt ctatcatgat agataatttt 180
 aatgtgatgt ttgagtcgtc actatcacct agntgaagga ttgggtccgat acatgtacat 240
 acgttcgtca tcatagagag tatatcgcca cgtcatacgc ttataatact acatgacggc 300
 atgatccggt tgactaatgg tctgataact ctcttatct atttattatc agtcatcgta 360
 ctagtcggtt tacagtgttt tataatctga gtgtactgca agtaactcta tccataggat 420
 gaggcagtga acgc 434

<210> 379
 <211> 461
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 379

ccttgaacgc acataccggt gccaccggag acccccacgt ggtccctcgt gtcttgcacg 60

ttcaaaccct aatttcaagg ctctacccta cgtntttcac tgtccgaggc tgtcttttga 120
 attttcgcag attacttggg attcgcgttt cgccagacgg cttaatatgg gaaaagccac 180
 gaccgttcga cttttcactc agtagcgctt ccttaatggg tattgggcgc taatgcggca 240
 tattcgttta cgcatgagaa cgggtattca aaccactatt ggtgcactat tggtagctac 300
 tagattgaag cctgagaggt gaaaaagctc acgggctccg cacaactcgt gtgctcaaat 360
 ctctagtggc ttcttgcgat acatcactgt tgacttatgc tacactagct acgtctatga 420
 gcccttagtc atttccttct tctcgtgctg tgatatgac g 461

<210> 380
 <211> 244
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 380

aatgcgcgca taaaccacc atcccctggt gccacctcca actgagctca cgtactccca 60
 cgtagcccat atnntcgtt ctctcaacaa cgggtcccca tcaatccttc caagcgttca 120
 caacatccaa gcaaaacaac attcatagc cataagctat cacagcccag caaaacagag 180
 caaaggcaga agactctgct caacacatca accagaatca cagcttttct cacttaaaga 240
 ccac 244

<210> 381
 <211> 431
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 381

tatcgagacg ctoganatca tcaacggaag ctctcgatan attcgaatgg tcataacatt 60
 tcactcggat gtccgattcn gngacataat atatcgagac actcgaaagt gaacaacgga 120
 agctctcatg atattcgaat gtcataaca ttccacacgg atgtccgatt cggggacata 180
 actcatctag acgctcgaaa ttgaacaacg gaagctctcg agagattcga atggtcataa 240
 gaattcacac gaatgttcga ttcgngaca taatatatcg atacgctcga nnatgaacaa 300
 ccgaagctct ctagaaattc gaatggtcat aacatttcac toggatcggt cgattcgnga 360

cataatatat cgagacgctc ganattgaac aacggaagct ctcgacanat tcgaatggca 420
taactttcac a 431

<210> 382
<211> 452
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 382

acaattgatt ttgaatttca acgttcaa at acactggtaa tcaattacac cattttgaaa 60
tcaattggaa cgttgcaa at ttagttgaaa acttttgaaa tcaaactttg cccttggtaa 120
tcgattacag gaaactagta atcgaatacc agagagtaaa aactctggta acttataatt 180
ttttgagaaa aactcttttg aaaaacaaaa ttgtgctatg tttgtttttt gaaaaatctc 240
ttcaatactt cccttggtgaa gtcttcttga tttcttctct cgaatcttga attcatcttc 300
tcttgaatct tgaaatcaaa cttctcttga ttcttgaaac tttttgattt cttctcatga 360
aacttgaaat taaacttgat cttgaacttg gtgactcaat cttgaaatca ttctttgggc 420
ttntttcat cattnttgg atcatcacia ct 452

<210> 383
<211> 270
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 383

ggagatgcag cggaagacan aggagaagag gtgagaggag gcgcattccac aaggaataa 60
gccatggaag aaggaacttc ggcaccaaga atgtgccttg gataagaagc ttggagagga 120
tgcttcaatg gagganaaga aagagagaga gaaagagaga ggggggagca tganaatgaa 180
ggaagaaaag agggagagaa gttgaacttt gaagtgtgtc tcacaagact ctcatcctc 240
anagttacca caagtgttac acatacttct 270

<210> 384
<211> 173
<212> DNA
<213> Glycine max

<400> 384

tatattgaga cacacaattt cgtgctcctt ctcttctctt cctccactc atgttctctt 60
tactttaagc tcttatccat gagcttctat ggtggtgagc ttcttcttga ctcatcttct 120
gctagaaggg catctccatc atctttcttc tttttattca ctgccttaaa cta 173

<210> 385

<211> 375

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 385

agatttggtc tgtgaagatc cacagagacc anagctngaa gaggaagccg tcctgagagc 60
tngagaatga tttgtgagtg aatgtgaggt cctagagggt gaggagacat ccncactact 120
tngtattttg aaatctttca tctttctttt ctctttgttg tanaggaagc ttcccagtta 180
tggaagcta aatcctctgt tggatcttcc ttgtaggtac ttgatgtaaa tacctgtata 240
tntatntaat gatngtntgt gtgttctactg tgctatcaga acttcattct accatgctnt 300
ngccttgatc acgtagatgc catgtgtttt aggatcattc aacagtggaa agtgggtctga 360
ttcttagaac ttcac 375

<210> 386

<211> 453

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 386

ttagctgttg atctgctttt tgaaaacgta atctttgaga ccgattgttt acaacaggtc 60
aaacaatcga tacttaagga aaagaatggt catgccctct ttcattggaat agtttatgac 120
tgtcaaagaa cgattcatag gactagctcc ttgtgtttta tcaaaagaca aggaaataga 180
attgcacact ctttagcatc tctatcattt tgctattntg ataaatgctg gattcaggag 240
gtcccctata aggtggatca natcatttca agtaatgtaa tttctgcctt ttctttttgt 300
actggccagg gtccataaag tacactcggc aatctacata gcactccatt acgcacgtca 360
gccctccatg tcagccctat cacaagagca cggacgtcca gtccttatta gtcgagctct 420

caatagacaa gttatctccg accatttaat tag

453

<210> 387

<211> 339

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 387

cttatgttga gaggtaagtg ggaaaacagc aagatataaa caaaccatac actntttcct 60

ctgtttctctc cttttaagac tcanaattga gctgtctcct atctnntggt ttgctgaatc 120

agagattctc tccaccaccc ttntcaagtc acagaatgaa gggtagttag ggaaaataac 180

aatganacaa atctaaaaat gaaagaaagg acaagttggg atgtaatgtg aagagatgag 240

agaggaagag ccatatctca tggcatatat ttctgcaaca taaccccact tatgcttcct 300

tatatgggag tgagatcata caacacctca actactctc 339

<210> 388

<211> 458

<212> DNA

<213> Glycine max

<400> 388

ttcgaccttg gtgatctttg actccatgtc atcgaattgc atgtccactt gtaactcaag 60

agcatcaacc tttcaccaac aaagggttga agaccatcaa acctatccaa aaccttttga 120

agaagagagg aatctttctc accatgtaaa tgtccttctt catcaatggg ttgagcacc 180

tttttcaccc aagagccatc atgctcttta cgataaccaa aggatgcaat catagtggca 240

ccgattaaga aggatctctt gattggaaca taagggtcag aatcaggagg gatgttatag 300

tgtttaagga agagagtgc taggtgtgga tatggcaatg tagcatttaa tcgcaatgcc 360

ttatgcatgc gatatcggac taagtgtgcc caatcaattt gtcggccttt atgaaaagcc 420

cacatgacaa taagatcttc ttcagagacc tgtgcaag 458

<210> 389

<211> 384

<212> DNA

<213> Glycine max

<223> unsure at all n locations
 <400> 389

gtcacaccta ctcattctaa aacttaattc cattccanaa cgaccatata tagggaccaa 60
 agtacaacat tccaaatcac catctaaaga aaagttcaac ggtgttctac atatgttcca 120
 accaagcaca cacagacaaa catgtcatta acacaaatta taagcaaaca aagataggaa 180
 gaccgcgagg gggaatgagc gaggganaat gaaccttaca aacgatgaga gagtgaagct 240
 attgtgaggg cgagggcatg caatgatgac gacgataaca cacacgagct tcgacaacaa 300
 cactggacaa cttcgacata gacgctntnt gtaacatccc attttttctgt anaaataaat 360
 atagagcana taaataaata aata 384

<210> 390
 <211> 449
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 390

gaagaagaag aagaagagga aaagaggaag aaagcctctt gcatatgcaa aatctgaatt 60
 gtgaggatta gggaagggtt tatgaccctt ataattctcc ttttcacacc catgctttca 120
 ctcaaaacac ccacccccta acacacatca agaccatca actcccaaac tcattgaaca 180
 ttatgaaaaa ccaattaatt aattatgaca tcaccacata aataattatt tacttcaacc 240
 acttaattta aatttaatta cacaggataa tttattaaaa ccaattaatc aaacattatg 300
 aaaaacacgg tggttacaatt ctccccaaca agaaaatttt catcctcgaa attttcttgt 360
 gaagaanata tcgtangcac tgattaagca cacaactatn tcgctttcta ggggtatgga 420
 tctttcctct atgatatnct ggatgggan 449

<210> 391
 <211> 179
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 391

gtcgaagaac gggcgaaacc ttcgcgaaat tcttcacgga aaacgttacg gaaatgtttc 60
 ggaagcgctt cggttagat tttcttcacg gaaacaatct ttccaagcan attcgaaaga 120

gagagaagtg cctaaggggc tgaacccctt ccttcttcac ttctccctt atttatagc 179

<210> 392
 <211> 308
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 392

atcttcagtt tcggagttgg tcccctagta atntaattca tgaaatgggt cctnctattn 60
 tgtanaatcg tgcaatattg atcaccagg ccacaattgg acgttgaccg ttagcaagtg 120
 atgttgactg tcacgttctt attagatgat gactgtcaaa gtatcgtggc ctgtanagct 180
 atcttatatg ttgaaagcat gatgttctac aaacatgaca ccaaccagtt aaatcacttt 240
 cacatgatan naaagtgata tntttcgttn tcttaattat gcatggataa ntcttatcat 300
 tcactact 308

<210> 393
 <211> 419
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 393

taatgatggc ccgagttatg ttggggaacg gttacgaacc cggactgggt ttaggcactc 60
 actcacgcaa cttaacttgt ntgacatagg ctaaccgtct tgctgggtaa attggatgac 120
 tgtctacgac tacatcttcc tttccttttc gctcaatatg gcaacgacta gttaattgta 180
 tcgtaacgct cggcaacctc ctaccgaaa gttctctcat tgcagtaact actctgtccc 240
 tctcattcca cttaatcttg cgtaagtaac tgctgatct cacttcatta tccggcacct 300
 aactacatc agtgtcggat agcgattcta tagacggggc tccttggtgc ggtattcgta 360
 tgtcccccctc ttttgttttc actatcaacc ccactattct ctcttctcta ctgtcttct 419

<210> 394
 <211> 283
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 394

tctctctctc tctctgtact atatatatat atatatatat atatatatat atgtgcgtgt 60
gtgtgtgtgt gtgtgtgtgt gtaataaaa agctaagtgc tgagtgtgat aattntctcc 120
actcatctca aattaagttg gtggtatctc aaatccttaa gcaatgtagt cctanattnt 180
caacaggctt aatatgagag anattcctac aaacagaagt atattgtcaa taattntatt 240
acacataana ttagacagat acatactagt ggtgggtccac acg 283

<210> 395

<211> 116

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 395

accgcgatct tagcaccgag ctgagctgtg gacaaacaat agttcttttt tacttaaatg 60
tttccatatn atatatggta ggtcagaatg tgctttgtta ttaccttacc atatat 116

<210> 396

<211> 478

<212> DNA

<213> Glycine max

<400> 396

caatggctta gtgaggatgg agagggtgcaa gttaggaagc atgtagagtt ggatatttcc 60
attggaaagt acaatgataa ggtgctttgt gatgttggtc ctatggagcc cagccactta 120
ctcttgggga gaccatggca atttgataag agagctaate atgatgggtt caccaacaag 180
atctctttca catatcaagg caaaaagata gtgctcagac cattgagtcc acaagaagtg 240
tgtgaggatc aaagaaaaat gagagagaaa attcttcaag agaagagaga aaaataataa 300
gagagccata cacttgagag ttcaaaaagt caggactaaa ttagggaaac acatgacagg 360
aaacggatga ctgtatcgct tgtagtgagg gacacttctt acctctacta cgatatttgc 420
ataggatcat gatactactg gtcattctgc tccccagtat tctcattagt taaattcg 478

<210> 397

<211> 436

<212> DNA

<213> Glycine max

<223> unsure at all n locations
 <400> 397

gtgctcctta aacctccatt aattntttgc ttaccttct cttccattgt tttttcttca 60
 ttttttctcc atgtatctcc tcaaagtct tgtgctaaat tctgttaaca tgcttcttta 120
 gatttttcac ctattaaact tgctatagaa gctaaatttt attttctatg gctcaaattt 180
 cttgctcttg atcttgaacc atgaattgtg ttgagtttac gttcctttga gttttgtctt 240
 gatatttttt gcggtgaaa actaaaccat aaaattctta caataatatt acagtagaag 300
 aaaacctcaa aaatctagag tgacttggtc acctattgta gttntgtcat agaagtcag 360
 tctagtcag aaacttgta cataagaatt cttatgttgn gctgaatcnt attctctctg 420
 ttctttcgt aactcn 436

<210> 398
 <211> 460
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 398

ctcctctttc aaaccatgct atgtgctgc gactagtcnc tctcttcct tcgcagcttg 60
 agttcactat tgctacccca cagagctccg cganatttat tccggccata atcttccttg 120
 cgagccctct tgggtctctg ttcaagggt cttgcggtag ttgcattctc ttcccgaat 180
 ccggaacact ccttcogaat gtgtgtagcg gccaaactga acttctcctt ggcaagtctc 240
 gcctttccta actcactntt gagagcttgg acttcttcgt cctcttcgg tgcttcaaaa 300
 ctctcttcgc tgatgacttn taacttgggt agccaatcta agcctcgtat atgaactntc 360
 aaccattcat ggtaccacc aatgatgcca ttacgaatgc ccctaagttc ttgatctttc 420
 tttaacnngg gttccatgcc tttatggatc ttgatagtc 460

<210> 399
 <211> 446
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 399

ctccnccttt gtcaagcaaa ttcttttttg atatcatcaa aacctgcatg atttacattc 60
 tccccctttt tgatgatgac aaccacctgt aggttaggag caacaagaaa gaaaaaatat 120
 ctatttgcac atagtttact cccccttggt ttttcaatgt ttgcttatat gagacaattg 180
 aagatttcat atttttcata tataaaaagt tgtctcataa aaaatagata ttttttctta 240
 ctattttatc ttttatcttt tctctcccc tttgtcaaca tcaaaaacaa atcatgaata 300
 gagaggagaa aaaaaatgtt accacttggt gtaatgtatg agaatcaagt gataccaaaa 360
 ggcattaaac caatcattca atattgatca agcaaaaaca agtatagtaa cacatcaatc 420
 anaaacacaa tcaaaagcaa tcaact 446

<210> 400
 <211> 469
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 400

cattgacaac atgattgacc ccttggcagc cgaagttaa tgtgccaagc tatgcctttt 60
 ggggttattg ttgcttttga aattttaacc aaaaatgact aaagtaggtt taaacaaaa 120
 atggctaaaa tggctaaagt aggtttaaac caaaaatggc taaagtaggt ttaaaccaaa 180
 aatggaaaat tttgcttttg ttaaaactgg taaaccctat cataatccc tagatggatg 240
 tgctaacctt ccttggatgt gtaatcagag tgaaccttgc acaaagtcca ctctacaaa 300
 gttaaattac atagtcactc aatgcacaat gcaattcttt gatagataga aattcagctt 360
 agacaatttt catatctcta tatcaacaa aacacataca ccttggtata tatctatgta 420
 tagcacgaaa ttcaaggctt agaattatac aatntataaa ttaaattct 469

<210> 401
 <211> 451
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 401

ctaaagaagc tagagcttag ctacacacat ccnctataat agctaagctc accccaagc 60
 caaaatacat gaaaatataa aaaaaagtcc ctaatacaaa gactactcaa aatgcctga 120

aatacaaggc taaaacccta tactactaga atgaccaaaa tacaaggcct aaaagaagga 180
 aaaatctatt ctaatatatta caaagaagag aggatccaac cttgggtccat ggggtcagaa 240
 atctaccctg ggattcatga gaaccncaag gccttcttta gcagctctag cccaatcctc 300
 ttagagtctt ctatccaata ccccttggtg ggtaggatng cttcattccc ttcaacttgg 360
 aaaggatntg acctgaaaat ccgaaggtct tcataatttg ggctccctcc ctgcacacct 420
 cgaaaaaaga ataaaacata tgtattagt g 451

<210> 402
 <211> 380
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 402

gctgaatata tagctgcagg aagttgatgt gctcanagtc tttggatgaa gcaataactn 60
 taacactctg gagtanaact tgatcacatt cctctaaaat gtgacagcac aagtgcgatc 120
 aatctaacan aaaaaatctt gtcatgcatt ctagaactaa acacatagaa ataaggcatc 180
 attntctcaa agatcatatg ttaaaagttg attggtgcat tgagttcata gatagtgagc 240
 atcaactaac agacgttntc actanaccac ttgctagaga tagattctnt ttcgttagaa 300
 atgaactaga catattagat gcatctagta tagaatgaca ttctatttgc atagtgtgtg 360
 atgcacattc ttactcatat 380

<210> 403
 <211> 114
 <212> DNA
 <213> Glycine max

<400> 403

ctaaaaactt agttagataa aggttataga tttaggcgac agtggcagcg gcaattatac 60
 aacgcctgcc tacataaaac tactgattct acatagatat ccaggacgat cacg 114

<210> 404
 <211> 393
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 404

tcagctgaat cacttcctc ttcanacact agaatagata ttatatnngg tctttataac 60
acaagtcata cctaattcng attggtctga ctaaacaatg tanaagtatt tatactagtg 120
atttatgaaa aataaattca ttntanatnt gtgtttaatt ntaatttatt gctgggtgtaa 180
ataattttac cccatcaact aattaanaat cttaatgtaa ttataagaat ttaattat 240
agcaccacaca atataatata taggaaccag tacaacaaat tctttttaac attagttggn 300
tttaacattn tatatatgtt ttgtaatgta tgctaataag ttgatataga aacactacaa 360
gaaaaacact taaacatgtt tgatatat 393

<210> 405

<211> 241

<212> DNA

<213> Glycine max

<400> 405

ttatcctgct ttgatgaata tgaagcctcg ggaagatgga gagataagaa agagggagaa 60
tcatgttggtg actgccgcct acatggccaa attccacaac taacaatgca acacttagct 120
agatagtcac ttcatacca ccacctact gtaagacact tatcatcaca aggccacctt 180
aatcagcaca aagtcacctg ccgacatcta tataaacacc ctcttacact accaaacact 240
a 241

<210> 406

<211> 246

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 406

atcatgataa caaccaatat gaattccact canaggagtt gggcatgtaa aagccaaaac 60
ttcttcaagc tntagcctta agttgttcac catgttgctc ccctatctct aacaacccat 120
gcatgtagtc caagttcaaa ggattatagt atgttgatag tgggcgcata aaccatatga 180
taagggactc aagtctgtta aactcttttag acaaggctgt tagaaccaaa gtcaagaatg 240
gaaatg 246

<210> 407
 <211> 454
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 407

gatatccact ccacaagggt tgaagtagag gagagcttca accctataac gcaacgtggc 60
 ggacaaaagt gggcagtaaa cttgaatgat cgtcattgtc aatgcggaag gtattctgcg 120
 cttcactatc catgttcaca tattattgca gcttgtgggt acgtgagcat gaactactac 180
 caatatatag atgttgttta tacaacgag cacatcttan aagcttactc cgcacaatgg 240
 tggcctcttg ggaatgaagc ggctattcct ccttctgatg acgcatggac acttatccct 300
 gaccaacca caattcgtgc gaaagggtcg ccaaaatcaa caaggataag aaatgagatg 360
 gattgngtcg aaccatctga gcaccgaaca naatgcagta gatgtggagc cgaagggcat 420
 aacaggcgtc gctgtccaat gcaatctgag cgtg 454

<210> 408
 <211> 304
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 408

tcagctatat gnggttactt atatttgtca tgttggatan natttagctt tatatattgc 60
 taattcagct tatagggtgag aatgaagcta ctntagctcc tatatatnna accatngatn 120
 ntaatagcaa tatggcactt ntgagcaaga attactctct ataagttntc atatcaagag 180
 tcanatgcta ttgaaatgga taaatgcaca atataattgg tgtgtatcaa ccctaacaca 240
 acaacactac cacaaaaaca cacacnctat gatccacaat tngaaacgaa agggaaaagt 300
 catg 304

<210> 409
 <211> 457
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 409

aaaggatcga agtgggtctg aaaagaggca aatttaatca tcctgcttgg gcgaatgaga 60
 aaactggggc aattgaagaa ggtgaggatg agggagaaac ccatgctgtg actgccattc 120
 ctatacgacc aagtttccca ccaaaccaac aatgtcatta ctcagccaat gacaaaccct 180
 ctcccttacc accacccagt tatccacaaa ggccatccct aaatcaacca caaagcctgt 240
 ctaccacact tccaataacg aataacactt ttagcacaga ccanaacacc aaccaagaaa 300
 tgaattntgc agcgaanaag cctgtaggtt caccctcanat tccggtgtca tatgctaaac 360
 ttgctcccat atctacttga tactgcaatg gtagccataa cccctactan gtttcctcaa 420
 cctccatttt tccgagggtg cgactcgaac acaatgg 457

<210> 410
 <211> 254
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 410

tagatagatg acatcnagcg ataactgagc catgtgaatg ctcatncgtg tcaggatggc 60
 gtacactagc taacacttcg gcagggggag gtcggaatta tgatcgctgg gctggatgtt 120
 gctgagcagc anaatcatcc agatctgagt caggggtggc atgggtgggtgc gcatgatccg 180
 cacncgtctt ccagcagcag tccaggcana atcctgcccc ggtatacata gcaactgggc 240
 gatggcctct catc 254

<210> 411
 <211> 455
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 411

aacctatatt taaaataact taatgccatt aacctagga attaaaacaa acttaatggc 60
 tgagtgtaac tgatattgtg gcaacccaaa gtcaccccca acagccaaca agtcagccac 120
 catttggctt cccaaaaggc tgatgcctat gttgccaatt gggcccttat tacaacttga 180
 actaaagccc ttttagttga ttaacccaaa acatatTTTT ggtcagccaa ctttacaagg 240
 attgggccat tatttagaca aactaaacac tctaaaactg aaataaagtg gtgtcattta 300

gtcctcctcc atttgggcca tgatacaact cacaaccttg gactttttctc cttganactt 360
 gngcttgat tcaaatagta tggacagcac tttgtgaaga gcttccttgg ctttccttgc 420
 tctacccctt gtcatangtc ctccaaaagt cttan 455

<210> 412
 <211> 352
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 412

tgaggactt ctctctctct ctctcaatag ctgaggaaaa gtagttccat gaagaagatc 60
 caagccgagg cgcttccgta acgtttccgt gagtaattac gcgaagattc tcgaccgttc 120
 ttcaagattc atcgctcggt cttcgtnttc ttccggtcttc aacgggtaag tacctcagac 180
 caagctnttc aattcattct atgtactcgt ggtggccaca ttntgttcat gtattttatt 240
 ctcgtttcat ttacttttat acccgctttt acgtgcttaa gccattatta agcattttctc 300
 gctaatactaa aataaataaa ttccaccgat cggtgaatgg tatcatcgta at 352

<210> 413
 <211> 448
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 413

gtcaaggcag ctgaaggaac tagttccgct ccggagtatg acagtcaccg ctttaggagt 60
 gttgtacacc agcagcgctt cgaggccatc aagggatggc cgttttctccg ggagcgacgc 120
 gtccagctca gggacgatga gtatactgat ttccaggagg aaatagggcg ccggcggtgg 180
 gcaccactgg ttactcctat ggccaagttt gatccagaaa tagtccttga gttttatgcc 240
 aatgcttggc caacagagga gggcggtcgt gacatgagat cctgngtaag gggtcagtgg 300
 atcccgtttg atgccgacgc tatcggccaa ctccatgat atccggttgg gttggaagag 360
 ggccaggaat gtgagtatgg ccagaggagg aaccggtctg atgggttcga tgaggaggcc 420
 atcgcccagc tgctatgtat acttgggg 448

<210> 414

<211> 278
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 414

actggtaatc gattaccana acattgtaat cgattacagc tnntttgaaa taatcggaac 60
 gttgtaaatt cnagttgaaa aacttttcan aacaatattg ctactggtaa tgtcataccc 120
 taatttcgtc cggggacctt tgcttgatga catgcgacct ttctttgggtc cttgtgaggt 180
 gcttggcatg catcattang caatntgtga gattccagga catgccgaca aaccaacaaa 240
 atattgatgc acaaatccgt aagtttccgt gacacacc 278

<210> 415
 <211> 457
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 415

cgggccattc caagtgttgg agaagatcaa cgacaatgcc tacaagattg acttgcctag 60
 tgagtataat gtaagtgcc ctttcaatgt gtctgatcta tctctttttg atgcagatgg 120
 aggagccttg gatttgagga caaatccttt tcaagaagga gggagtgatg aggacataac 180
 caagggcaag gaccatgaag cacttgaagg tcccatgacc agaggcagac ttaaacaagc 240
 ccaacacgtc atagagacaa ggctgggtcat ttgtatagct gccattgatg atgattgaag 300
 gcccaagtgg agaaagatga aggcccagag gcagaggcac taccaagact actaattggt 360
 gttgaaggcc catactaact tgaaggccca agttaaataa gttnttagtt ataatttatt 420
 tntattggaa ttctggccca tactgtntag aacgccn 457

<210> 416
 <211> 511
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 416

ngtgtgctcc tgctcttacg gacctatgaa tctcagctnt cacaagagtc ttcacaaata 60
 actatcatga agcaganaac taacaaaact acccatcata tctcccaaaa ccccatatcc 120

acaaatttgg agcttcaatg gagaatgaag aagaagagaa tggcaacgtg agggagagag 180
 agagctgtct gaaataatgt ggggctgagt gaagagagag agagttgctt tttgatttta 240
 aaaaggcttt ttcctcattt cttattattt tattataaac tatgccacat gtctccattt 300
 gagtggagca aaaaggggccc actttccctt ttgactgtga ccataactca gccacaaaag 360
 tgaggaaaat ctgacctttg aaatgctaaa atcctgcctt ggttggcgtg ccgtttctct 420
 ggttccagtt cctcgcgtt ctctgcgtcc atcgngcca gtttctgaaa gtacgcaata 480
 tatatatcan aacgctcaga ataaaacccc g 511

<210> 417
 <211> 445
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 417

attctattag cacggattnt atcagctcaa caaaagtttg tagatgcaga acttgttata 60
 gatgctgctc tagatcaaag tggcaaatgg gatcaaggag aattgttgag aactaaagct 120
 aaactacgga ttgcacaagg aaaattaaag aatgcagtgg agacatatac ttttcttctt 180
 gctgttcttc aggttcaaaa taaaagttaa cgcacagcaa gtaaggttgt gaaggatatgt 240
 gtcaatgata aatgtagaat atatcactta gattctttaa taactcanat tatcaacggg 300
 aaaggaatat tagaagcttc gtcacagtc ttanactcta ccttttaaca tatgtagaat 360
 aatatattac ttttctgatt tatctttcat acagaataan ggaaaccgtg acagaagact 420
 ggaaatggaa atatggcttg attat 445

<210> 418
 <211> 480
 <212> DNA
 <213> Glycine max

<400> 418

ctcttatttc ttggtaaagc tctatctaaa taaagttggtt attactgcaa gaaatcagat 60
 ttatctccca cccctgtcct tctcaatcat tccaatcccc accccccaaa gtccatgagg 120
 gtacccttca ttatgtggtg cttacggctt atacaaatct aataatttgt ggattcaggt 180

agatgtggag tttttgatgg tactattgaa aacatgcact tgcactggaa gtactgggaa 240
 ctggtcaaga aaattgtgaa ggctaaaacc tttgaacgag taaaaaaat tgcactagca 300
 cttgaagctg agagtggagg tgttctggtc tcagttgaca aagtttcaaa aggatattct 360
 gtaattgttt atcggcgtaa ggattaccaa cgtccttcaa cattgagacc cacaaatctt 420
 ttgacataga gaaaggcttt agcacgttca atcgagcttc aacgacatga ggtatgtatt 480

<210> 419
 <211> 460
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 419

aatggagttg acaagaatat cttcagactt atcaacacat gcacagtggc caaggatgca 60
 tgggagatcc tgaaaaccac tcatgaagga acatccaaag taaagatgtc cagattgcaa 120
 ctattggcta caaaattcga aaatctgaag atgaaggagg aagagtgtat tcatgacttc 180
 cacatgaaca ttcttgaaat tgccaatgct tgcactgcct tgggagaaaag aatgacagac 240
 gaaaagctgg tgagaaagat cctcagatct ttgcctaaga gatttgacat gaaagtcact 300
 gcaatagagg aggcccaaga catttgcaac atgagagtgg atgaactcat tggttgcctt 360
 caaacctttg agctangact ctcgatagg gctgaanaga agagcaagaa tctggcgctt 420
 gtgtccaatg atgaaggaga agaagatgag tatgacctgn 460

<210> 420
 <211> 269
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 420

accatacaga acctttgcct tccatgcagc aacctggagc aattgagcaa cctgaagctt 60
 atgttgcana tatttacaat agacctnctc aacctcaaca gcaaaatcaa ccacagcaga 120
 acaattatga cctctctagc aacagatata accctagatg gaggaatcac cctaattctca 180
 gatgggtccag ccctcagcaa caacaacagg gggtagcgaa agtaccacct tgaattgtat 240
 attcaagaca tttgagaata aacaaacac 269

<210> 421
 <211> 427
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 421

ctaanaagag gtatatgtga tgtgagagaa aaaacatac tcatactccg attattaaca 60
 gatgctttct ggtgttgcac acgagttgag gcaggatgag ccaagctttc aatggaccca 120
 atcaaaataa gaacattgaa gcttctaaag agtgacacgt atattataca aatataatag 180
 ttagaaatag atagtatcat attatagctg atatatatca gatgactaac ataagatgat 240
 cactgctagc tggacggcag caganaattc atgccaggaa acgattaaat tttgacttta 300
 ttaattcttc tagcacctta taatggaaaa aagagttgat agatttgagc ctaaactttt 360
 tatttaaaac aaacagagtt tccaacatcg attgagagtt tttttatatac aaacctgtga 420
 ataatgt 427

<210> 422
 <211> 365
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 422

cactcacaca ccgcactctc caatccttag ctcanaccta tggtcctttg atgctacttc 60
 acttttgaaa aatgccagtt cttggtgtct caactgctga ngctgcacgt gagggatga 120
 aaacacatga cctcggtntc tccaacagac cacatcgtaa gatgtttgat atcctcttgt 180
 atggttccaa agatgtggca tcttctccat atggcaacta ttggaggcag ataaggagta 240
 tatgtgtctt gcatcttctc agtgccaaan aggttcaatc ttttggtgca gtgagagaag 300
 aagaaatctc cataatgatg gagaagatan ngcagtggtg cttcttgatg ctgtgaatta 360
 tctga 365

<210> 423
 <211> 448
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 423

ttcanagttg ttttgatgat aacaatgatg acaacaaaag atgatgacaa aggtgatgaa 60
 aaaaagctca aagatcaaag aacaactcaa gtaaatacaa gaacatctca agtgaatcaa 120
 gaacaagtca agagttctag aatcaagaag aattcaagac ttaagaagaa agcctagaat 180
 caagaatcaa gattcaagat tcaagaatca agactcatga ttcaagaatg aagaaaagac 240
 tcaatcaaga taagtattaa aaagtttttt ttttaaactt tgaatagcac atgagttntt 300
 gacaaaacct ttaccaaaga gttnttactc tctggtaatc gattaccagt agcaaaataa 360
 gtttgaataa gttttcagac tgaatttaca acgttccaat tattntcaaa aggctgtaat 420
 cgattacaat gttntggtaa tcgantag 448

<210> 424
 <211> 469
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 424

ccatcaaccc catgccaaaa tacatganaa tatataaaaa aatccctact acaaagacta 60
 ctcaaaatgc cctgaaatac aaggctaaaa ccctatacta ctagaatggc caaaatgcaa 120
 ggccaaaaag aaggaaaaaa cctattctaa tatttataaa gaataatgga tccaaccttg 180
 atccatgggc tcaaaaatct accctaaggt tcatgagaac cctagggcct tctttagtag 240
 ctctagccca agcctcttgg agtcttctat ccaataacct tgggggttagg attgcatcac 300
 accatacaac attgggttttg accatcaatc actatccctt tgtgggttgat tcaccttcaa 360
 atcatattta tgtttggaag agagaaattg ttgttggtgt gagcgtaact tctcattctt 420
 tgttgatctt tcacactcca ccttcacctt cactaatcaa ctcaaacct 469

<210> 425
 <211> 234
 <212> DNA
 <213> Glycine max

<400> 425

tctgtgacac catcagacct atgccttcat gcagaacctg agcaataggc agccgaagtt 60

atgctgaaat atttacacag acctctcacc ttagggcaaa tcaccatgca aacaatatga 120
 ccttcagcac agaacaccct gatggggaat acctacctca aggtcagcct cacacaacag 180
 agctgctctt cttcaaatgt gtggccagag acatcattct cacatccaca caca 234

<210> 426
 <211> 418
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 426

gctacaacaa ctgcagcaag acccactatc cacaatgaca gaacaatatt tgtntatacc 60
 ttgcatcttg tatgaaagat gttctctctt tgtgtttggg ttaggtcaca agattgactc 120
 ccaagtaacc ttctgaccat tagaagatca ccttcttcat aggggtaaat ctcttcaata 180
 tggatcacac cattggcttc accctcactt ccactngagg aaggagaaga tgtagcctnc 240
 ttttggttac tatagatgtc ttgaccgctc atgatcatgg ttttctttgt ggggcaatga 300
 gaagcaatgt ggcctagcaa tgcttgttct ttctctctcc ctaagtctag ctctcagaag 360
 ggagtagtgc atttgtggct atattcttca cactcatact cccttngcta agcttttt 418

<210> 427
 <211> 589
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 427

ctaacggctt cctccatatg tcataggcgt taaagcggtt gtaatatctc gtaacacttc 60
 aaaannccta gcactagttt gaatcatgcg tcgctgagac cntagagtc gacctgcagc 120
 atgcaagctc tgtccttaga tcctcttctt tggactatac tcataccaag caacattatt 180
 gtacaacata ttataaccaa cacttaatcg gcagattcct cttagcagac taagattcaa 240
 ttctgcttca ttcaaggctt aaggcaacaa tacattttcc aatgcttaaa tcacctaacc 300
 gggcacacaa atgggttgatc agaccatgag catacaaaat ttaagcactg aaagaagcat 360
 tgaacacact agaaactcaa tcaattagat attaaaataa ttacatcagg tgttcttttag 420
 aaatacccaa caagggtggt tagcccacca ttacagacaa acccctatca ataatgagat 480

aaataaaccg taagatttct tgaaagctgt ccttttgctt ctacagagct ttttccaaaa 540
ggcacttggg tgcttataat ttgtgcaaag cgtgttaaata ctggagtan 589

<210> 428
<211> 192
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 428

caaccaaaga tatgaagatg tgagatgtnt ggttctctgc catcgaataa ttcatatgaa 60
gtnttctnta aaatgggtct tattaagcc ctatctaaaa tgtagcatgc agtgtaacg 120
gcttcagccc ataagtattc tggaagagga gtatcattca ataaagntct agcaatctcg 180
tccaaagatc ta 192

<210> 429
<211> 526
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 429

cgttgatcgc tcgtgacgag ccnnttgagt aacatcgacg catgcaagct tgcatatgaa 60
gaanatgggt ggttgggcat taaatgtgtg cattaaatgc atatactttc tcatgctaag 120
aaactagtct ttgtcgcagc gtattgaaca cttaaggagg aaaccacttc ttttgtgtta 180
gaacaagttt atgcaacaaa gttcttcttt tgatggcgat tgagaaattt tagagcttga 240
cttcatttat tctcatagg atgtgacaaa tcctaggaga atatctctgt aaaatagatc 300
tcaaacacaa gagtattaaa tgaagtctta catgtcaact ttaatgttgt atcagatcat 360
gatttcatct tggctaccat tgaacatca gatgcagact ntgcaaaaca tgatttgata 420
gcacataaga tgcaactnta aaccttcgta tttgttttca tctaacaaca tgtcttaaga 480
cataaatgtc ttttaacctt gcaggaatgg tattcctatg aatacg 526

<210> 430
<211> 250
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 430

acttcatata gcagtcctata tggctgggta ttgngaata tcacaattca tatgtcaggg 60
aatcttgtca cctagagaaa attgagaaag attntcttag ataatagtcg agaatagaga 120
gtagagacgt tgggaacaga gataatatgc tctgtcttac tgcgaccaa actacaaagg 180
gtgtacaaag gagcactcgt ctttcacacc acgatgagtg ctggtcaca cactgtacac 240
atgttattac 250

<210> 431
<211> 459
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 431

acatgtggta ctaggtggcg gtcgggcat gatgcacaac aagctttcca catccacaat 60
gcgcgcataa acccaccatc cctttttgcc cacctccaac tgagctcacg tactcccacg 120
tagcccatat cctcgtttct ctcaacaccg ggtaccatc aatcctcca agcttcaca 180
acatccaagc aaaacaacat tcaaacagca caagctatca cagccaagca aaacagagca 240
aaggcagaaa actctgctca acacatcaac caaaatcaca gcttttctca cttaaagacc 300
acagtaacaa ttccttcgat ccaattcgtt aaccgggtgga tcgactccaa aattntactg 360
gaagtctata gtgcataagc ctacattntg accggtggga tctactggca nacatccaga 420
actcattctg cactactctn tccacaacca gcanaaacn 459

<210> 432
<211> 201
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 432

agctacctag tctataaata gaagcatgtg taacactagt tgtaactntg atgaatgaga 60
gtcttgtgag acataacttca nagttccact tctctccctc ttttattcct tcaatttcgt 120
gcgccccct ctntctttct ctctctctnt ctttctctcc attgaagcat cctctccaag 180
cttcttatcc aaggctcctc t 201

<210> 433
 <211> 456
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 433

gaaacttcct gcttttattc gttgaccaca gagtgggtacc tggagatatg tcgcgngngt 60
 caggagacct tgnngacgtc aggtgggggtg ctattgcccc aaaccaagct tgaccaatcc 120
 cgacccaacc cgggcatagt cagtcagtga gagcctgtga tgtacctaaa caggcgagct 180
 cctggcagtc aacagataaa aggaacaaag accacaaagc aaggaggctt gtggtggctg 240
 gccagctgtg aactttgatt gatatgtgag atttggcctc tggtaatcga ttaccaaggg 300
 tgggtaatca attacaaggc ttanaaatga agacagaagg ctaagatggc ctctagtaat 360
 cgattaccaa ggggggtgtaa tcgattacca ggcttgaaaa cgaggtcagg aagccatgan 420
 ggcttctggt aatcgattac caaggggggtg taatcg 456

<210> 434
 <211> 318
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 434

gaataaagag ggggagaagt agaactttga agtgtgtctc ataagactct cattcatcan 60
 agctacaaca agtgttacac atgcttctat ntatagacta ngtagcttcc ttgagaagct 120
 ttcttgagac aacttccttg agaagcttct ttgagaaaac ttccttgaga agctagagct 180
 tagctacaca caccctctc ataactaagc tcaccttctt gagaagcttn cttagaaga 240
 ttcgtanaga agctagagct tagctacaca tacctctcta atagctaagc tcacctcctt 300
 gagatgagaa gctagagc 318

<210> 435
 <211> 215
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 435

tatgtggact aggtggcgat cggacgatgg tgcaagtcga ctcttcacat ccacaaatca 60
cacataaatc catcatcccc agntggccac cttcaactga gctcacgtac tcccacgtag 120
ccncttatcc tcgntccttc aacaccgggt gtccatcaat ccctgcaagc ttccacaaca 180
tncaagcaat tcaacattca tacatcatga actat 215

<210> 436

<211> 308

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 436

gactganaat gttattcagt ntgtcagaat ggatgtgaag cttttgattt gttggcagcc 60
caacctcatt acanacctag aaagtccttc ggattcattn tgtgtgttta tttctgtatg 120
gtatgagatg atatgcanaa gttgggactt ctgttagttg tttataatgg aatgatccta 180
aacacttgag cttgagtga acaacgactg tgaggctntg gttgatgatt ctttccttga 240
tatctgccat tctcactaac ttattntagt tgtgactcta atgcatatgt tcctatcatt 300
gaaaagct 308

<210> 437

<211> 456

<212> DNA

<213> Glycine max

<400> 437

actaacgtcg tcttctgcga cttttgtcaa tcgcggccga caagcccgtt gacacgtgga 60
gatttacgtc atcttccgcg ctcacaagat ctgtcactact gacttttgag tcacgctgac 120
ggccggaaat atccgagtgg ttatccgtat aaactttttg ctgtctgtaa gacgaaaagc 180
ttgatagcac gcagagacta acgtcgtctt ctgtgccatt catcaatcgc ggccgacaag 240
cccgttgaca cgtggagatt tacgttatct tccgcgctca caagatctgt catactgact 300
tttgagtcac gctgacggcc ggaaataccc gagtgggtat ccatataaac tttttgctgt 360
ctgtaatacg aaaagcctga tagcacgcag agactaacgt cgtcttctgc gaccttcgtc 420
aatcgcggcc gacaagcccg ttgacacgtg gagatt 456

<210> 438
 <211> 254
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 438

actcanaagt cagtatgaca gatcttgtga gcgcggaaga tgacgtanat ctccacgtgt 60
 caacgggctt gtcggccgcg attgacgaat gtcgcagaag atgacgttag tctctgcgtg 120
 ttatcaagct cttcgtctta cagaatgcan aaagtttata cggataacca cttcggtatt 180
 tccgcccgtc agcgtgactc anaagtcagt atgacagatc ttttgagcac cgaagatgac 240
 gtanatcacc gcgt 254

<210> 439
 <211> 487
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 439

atgtataata aaataggtaa tgtgatacat agaaggatga caagcaataa aatcgaacat 60
 aagaaagtat tacaaaaagt acgaataata ttaagataac ctcacataat ggagaaacag 120
 cattcttgat aacaattcac ttccatcaca agaaanaaga tctgataccg tggactgatc 180
 aaacgcatat tnganaaaga tatagaatag ttatatcttt gattcagtgt atggccaaaa 240
 attgacggta cagaatgtat gaagagagtt tagtctaatt aactaaacag aatataccaa 300
 tattgtaaac tntagtatgg tgttcagcta gtacggataa ngaaacaata caaaatttga 360
 tctaaataat atagctctta tgtcaaagca caatangatg atttttaaca aatgactgaa 420
 tcaacacgca tatatcttcc aatctccaca aagatagaga tcatataaac atctcttata 480
 tttatat 487

<210> 440
 <211> 439
 <212> DNA
 <213> Glycine max

<400> 440

ttgtcgtgat taccaagtga cagaacaaca ttacctgtat tgagcaactt caataagaac 60
 ctttacaggg atgctatcct accctttagg atttggactt cttggccata ggtatcgctg 120
 cacatctcca atatggcatt gcattttattg tggttggctt caatccctcg gtgagtgacc 180
 tgaagcccg cgaacgtgcct tcgtctgcac ctaaagtcac tgttgacagt ggcagcccat 240
 gtatactccc ggacatctca tagacctctt ttagcgccgc aacatgtagt cctctgcttt 300
 gtaattcgac tcctatctag tgcaaata ccttgacgcc acattcgatc tgatatttat 360
 aggcataaggc tcaacctacc gtgtgtatgt caccgctgac ttatctagcc ccacgcgcta 420
 ccctaaacaa cctcgcgcg 439

<210> 441
 <211> 419
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 441

caacaagtat tctnecatcat gcacacacac acantcatat caagagaaaa aggacattaa 60
 tccttttccc ttcctanggt cacaatcaac atggcccttc aagtgggaata atccacttta 120
 ccaaatacaca caccaccaca tatccaatca ccaaatacatt actagacatt caaagtanna 180
 tttttctgaa ggttggacac nctttgacct aaccctanag tgcgacgaat cttaattaat 240
 atcattaata aactcatata cataacacac aacattcttt accaagtggg cacactcaat 300
 tggctctaan acatatacaa tagcaattct tataatttca tattataaag tctnecatcan 360
 agtanacaat acattctaca attcacatca ttaatttcat gcatttcata tacattcat 419

<210> 442
 <211> 463
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 442

tcaaagcctt gtatggattg aaataagcta taagagcttg gtatgaaaga ctaagtttat 60
 tcttactcta gatagttact ctagagaaat agtggacact tcactattca gaaaggctta 120
 gaaaaaggat ctgctgatta tacatatata tgtgaatgac atcatttttt atgtaacctc 180

tgaaaggatg agcaaggagt tttctgagct aatgaaaaga gaatgtaaaa tgagcttgat 240
 gggtaagttg aagttcttta tangactcta aatccttcaa caagattatg gaattttcat 300
 gcataaagag aattcctcat ggacctattg ataatgttat taacggatga agtcatacat 360
 atgggttaccg tgccatcctt ccactatcctt tactatctaa tcattgggtat gctatcttta 420
 tatgaccact tactgtctat atcgctcctt tttcttaatc ccc 463

<210> 443
 <211> 433
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 443

aaggttctag ttgtagggct ctctctcttt nttttttttt ggttttatct ttagagtgct 60
 actctcaatt cgttttagtc tcttttcgtt ttggaagaat aattctagtt ttcttcattt 120
 tctactgatt aatggaaggc taagtctcca gcgttatctt ctcttgagga ttaagcacia 180
 ctctctttga gggtctatta ttactattaa attctgataa gtttttcttc ttcaccaatt 240
 actatgtatt tgttgctatt aatccatgca tgcttagtgc ttgattaatt gtctctgtgc 300
 ttaatttacg ttcatgctta ctgatcggtc atgattaatt ggtgtatgtg ttgggttaatc 360
 acataatgaa tgccttatgt taaatttcgc ttagtaannt taattanggt tggattaagt 420
 gggtgaactg acn 433

<210> 444
 <211> 161
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 444

tatgaccttc atggttatggg tatcctttgc gacgcatatt angntaagag ctcttgatgat 60
 aagcaacact ccaccaagag gggaaaatgg tgaatggagc attttggttg tgtaacataa 120
 gtatatgcgg aacacgaaga aagcaaggta tggttatggag a 161

<210> 445
 <211> 371

<212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 445

 ctcagctaataaggaggaagtggagagggtggaagctactttggccaccgcccagagggga60
 gaggaatgctgaaaaggaggagaggattgnggttgagcaa aaaacatataacaatgttta120
 tgaagcttatgagtgtgggttgaatcactgcatctaacaa ttacactttgactatgagggt180
 cccaaatgaa tccattttcaacatgaacaa agatgtctataatggagacttaatcttgat240
 tgatgacatttcggatgagg tgggatcaaa tgggtgggcagccaactacccctcttggtga300
 aacccaaatgaccaattcggctgaggagga tgtggacgatgtcccatatacgagccanaa360
 tggcgtctctt371

<210> 446
 <211> 436
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 446

 tgttcgcacatcgttcgcgtgtatgatatccactcgacaa ggtttgaagt agaggagacc60
 ttcaatcctataacgcaacgtggcggacaa aaatgggcag ttaacttgaa taaccattat120
 tgtcaatgcggaaggtattctgcgcttcac tatccatggtcacacattat tgcagcttgt180
 ggttacgtgagcatgaacta ctaccaatat atagatgttg tttacaccaa tgagcacatc240
 ttaaaagcat actccgcaca gtgggtggcct cttgggaatg aagcggcaat tcctccttct300
 gatgaggcatggacactaat cctgaccca actacaattcgtgcgaaaggtcggccaaaa360
 tcaacaagga taaggaatga gatggatngg gttgaaccatctgaccaccg aaaaaaatgt420
 agtagatgtg gagctg436

<210> 447
 <211> 442
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 447

agcgcgggtc tgggagacaa aggtcaagcg ttcgcgatat gcgaggatga tattccgagt 60
 actttggatt tggtagacc atgccctcct gatttccagc tgggaaattg gcgagtggag 120
 gaacgccccg gcatttacgc aacgagcata atgtaaacct ttacggtttt aaaagctcta 180
 tagttggggc taggcttttag agtttttctt tttgttaagg ctttgtgtct tttgtttttg 240
 aatttataat acaaggatct ttcttcatct gttcctggtc tctaccatt ctcattcatt 300
 tgcattgtta cttcttntc tgaaacggca gatccgatga cgagtcccc gaaggtacta 360
 atacctggga cccgcctatc gacttcgagc gagaaatgaa tcanacggaa gatgaaggaa 420
 atgaggatgt gggacttccc cc 442

<210> 448
 <211> 410
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 448

ngagttgagg aagtgtagaa gggtgaaact tctgctntt attcgttgac cacagagtgg 60
 tacctggaga tatgtcggg nggtcaggag accttgnnga cgtcagggtg ggtgctattg 120
 cccaaaacca agcttgacca atcccgacct aaccgggca tagtcggtca gtgagaacct 180
 gtgatgtacc taaacaggcg agctcctggc agtcaacaga taaaaggaac aaagaccaca 240
 aagcaaggag gcttgtggtg gctggccagt tgtgaacttt cattgatatg tgggttatgg 300
 cctctggtaa tcgattacca aggggtgggta atcgattaca aggcttataa atgaagacaa 360
 gaggctaaga tgggtctctg taatcgatta ccacgggggtg taatcgatta 410

<210> 449
 <211> 455
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 449

tagaagaaca aaattgcctc aatcatttcc aaatatgcat gtgaattang aagcatcaac 60
 aagaatcaag ccaaggctat tgtgcaagca atcaatgggg caaacacac caaatgatta 120
 tgatgatgga tggctcaaat tctcaciaag gtaaactcat cactttcaaa ttgagctttc 180

aaaactatca ttacatgtag aggagaatca aggatttcaa gtcacaaaat gtcaagaact 240
 tttattttca aaacaattac ccatttcctg aacatatccc ataattcaaa gaaaaacatg 300
 caaagtcgta catgcacaca aaattgaccc aaaatattaa actaaaaatc cgacgaaact 360
 aacaatatta acaaattaac acaactaaca aattaacaaa accaaccaaa ctagcanaac 420
 caaagaacac tccccccccc atacttaaac aatac 455

<210> 450
 <211> 211
 <212> DNA
 <213> Glycine max

<400> 450

ctacatgttt atgtatgagt gtgtgcatgc ttgccagcat attcatagat atctattaaa 60
 aaaataaatt aaattgaaaa caaataaatt taaagcgtat tggttatatta aaacaaatat 120
 gtttaaaacg catatttata ctaaaattac atgattttga atgtttatat ttatactaca 180
 attatattag agcaacttaa atttgtgtat a 211

<210> 451
 <211> 384
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 451

taatcaagat aagtatgaaa agggttnttc ataaactaag tagcacatgg attntttctca 60
 naacatgttt accaaagagt ttttactctc tggtaatcga ttaccagatt attgtaatcg 120
 attaccagta gcaaaatgga tttgaaaaag ttttcaaact gaatttaca cgttccaatt 180
 tatttcaaaa agctgtaatc gattacaatg ttttggaat agattaccag tgcctttgaa 240
 tggtgaaatt caaattcaaa tgtgaagagt cacatccttt cacataaaag ctttgagtaa 300
 tgcgattacat tgatttggtg atcgattacc agtgattggt tctaaataaa tcaaaagatg 360
 taactcttca aaatggggtt tgac 384

<210> 452
 <211> 401
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 452

tggatttcct tntagtaggg aatctatcct tcctaagatg gagccaaacc cagtcaccct 60
 cattaagaac tagctctttt ctctctctat tgcctttagt tgaatacacc tttgtttggg 120
 tctctatttt gttcttaacc ctctcatgca acttctttac aaattttgac ctagattccc 180
 cttctttatg tataaaagaa gtgtccagtg ggaggggaat gaggtctaac agtggttaggg 240
 gattgaaccc atagacaacc tcaaaagggg actgcttggg ggttctatga acccccctgt 300
 tgtaggcaaa ttctacatga ggaagatact catcccaaga cttatggttg cttttcagaa 360
 gagcccttat aatggtggat taaaacctat tcactacctc t 401

<210> 453
 <211> 444
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 453

tcgtgcatgc ccttctccat ttcttgtatc agtgacttga gttcgtcggt tgaacggccc 60
 aacgcattgt tgttccgttt catctcttcg attttcggag ctattgcttt caggatattt 120
 tggaggcaga ccaagttttg tttaaagagt gtggetctgc ttattgttcc tgaacaacc 180
 aattctacga gcatagcctc tgccatatta attcacgagc tagctagtct caataacgag 240
 aagatgtata tatatagcaa ccttagactc tgcacaatat aaactcatgc atgcaaccaa 300
 gatgcttctt gtatactatt gttaaaggga agtttctttg acacttcatt cccaatttca 360
 tattgcttct tatantattt gctgacttgt actgggtagc gttaatatca acgggtgcaa 420
 aacgtctttc ttttcttttg acct 444

<210> 454
 <211> 453
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 454

tctttcctaa atcaaagtat aaatgattnt atattataag tataaaccta ttaaaaaatt 60

ccgttcaaaa taataagata attttacctg aaattttgaa ccaactccact tgtttttaaat 120
gagccaattc caatcttctg gagatacgtg ttttgggtcta tcatttttctt taagataagc 180
ttgatgtaaa tgataaagct tattcttctg ttgagattga attttcttca ttgcatattc 240
tctttcctcg ccagataaac taaaagcctc cttatatcaa acgttttcac cagcaaaaagt 300
aaaaattaaa tactatcaag atacattatc aaaccaatct gaagatataa ctaatattca 360
aatatataaa taaattagat ataattaacc taattatata ctaacattca tatgtcgcca 420
catttcatct acaccatcct tactaatttc act 453

<210> 455
<211> 442
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 455

tgttcttagt aagatcgatc agacgatgct tttgttcctt ggagagcaac ccgtcttggc 60
cccagaaagt gttgccaatg ctctagtggg agtgatgaac gatcctttct cacacttaat 120
cgcctgttga taaaattctg caccaaatat ccaaacacca ttaaataaac taaaattcaa 180
ataattaatt gtatggatgg attagtcaaa taaaaatttc tattagccaa gatattatag 240
gaatttgtca agtctatcac gtgagcagtg ggcttagtgt tcctttcatt aggagattca 300
tgaaaattnt gtcggccaca naattgtgag acttcttaat caattaaatt aaaaaaaacc 360
tagtaaaata aaagttgacc agcatanact aatagtggga atataattag tatttgaatg 420
ccaaaatcaa ccacatattt tt 442

<210> 456
<211> 431
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 456

cgagaaagcc cttctgattc tgtttataca tttctgactc tatggcatga gatgcaatgc 60
acagattgga cctcctgtta gttgttatca aagaatagct tatacacttg tgcttgagtg 120
aaacagttgc tgtgagactg tggtttgagc tactttcctt gatacctgtc ttatgattaa 180

cttcatctaa ctgtatagtt cacatTTTgt tctcctcttt gtctagctgc atattctggg 240
 aaaacaagtg ataggtaac attgcttcat cttttacatc atgcaatcaa taaattntaa 300
 tgcatacacc tttgaacata aacactgcat gttntaccac ttgaggacaa gtgagttggt 360
 ctcttttgct tgaggacaag caaaactatt aaatttgggg agtttgtagt cgatgaatac 420
 gactaacttt t 431

<210> 457
 <211> 357
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 457

cttctcggat atctgttatt gataaacaag atcaagatga gtatagtttg aggtttatac 60
 acagaatctc caagattggt tatagtacaa gcggttagta aacacagcat atatgatacg 120
 tggcaagcac atggtgagag gtgaatcggg aatcagtaat cacacagtta agtgaaatac 180
 taaagtttat ggagatagtc cgaaatctta cagaaagtca aaagttctta taatagtagt 240
 taaataaata aataaataaa agtagaattt gactaagaat gaaaaagtaa tattttgttc 300
 aataactcat ggnngtatat atacgagtgt tctgacgcgg gaatcacaaa cagaacc 357

<210> 458
 <211> 479
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 458

ctattaggac tcttgcaact cagctcgtac atatagtttc aatccgaggt ctttcaagag 60
 acctagtaaa agtatcagcc tattgttcat tggaaccaac aaagtcagtc atgatttccc 120
 ctgacaacac ctttactctt gcaaagtgc aatctatcta tgtgtgttta gtttgttcat 180
 ggaagaccat attagatgca atgtgaagag cggtttgatt gtcacaaata agcttagtgt 240
 cctgagtgcc taagtcttgt aatttcgcat gtagctgcta ccatggcaca atgttaagct 300
 ttgatgctga atctagcaac tatattttgc ttcttgtttc tccatgagat caaattccct 360
 caaagcaaaa cacaataacc agaggtagat ctcccgcca tggntatcga attgaaagat 420

tcgaattgtg aatcagaaaa gctatattac gaatcgtgaa tcgaatcata tatgaatcg 479

<210> 459
 <211> 456
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 459

tgtcaaataa atcactgcat attgtgcagt ccctatcatc cttcagagga atgtagaaga 60
 gagtaggctt gcaaacaagg ttccaatttg gataaaagtg taaaactact tattaattag 120
 aattttatga atcattgttt ggaatattga agaaaaaaga caacctgaca accagctgcc 180
 ctgaaggaac taaaatcatg gcatccaaca agaactctgc atgcttcctg catggatatc 240
 atcaataact tgaatagctg caagattgag aatctagtaa gtataaggag ctgttaacta 300
 acttgcatag ctggaagact aagctcctca ggtacatgcc atgctcgatc tttctcgaag 360
 gttgacaaag gctctggccc agaaagcaac cgatagaagt atctgaatag tagttccaaa 420
 taactatcaa ttactgcana tggtcataaa caaaac 456

<210> 460
 <211> 470
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 460

tcagaccaaa gcaactcana atctaggtat ctaaaacccc tcaatttagt ggattttcaa 60
 ggtttgagaa gtgaaaatga gaatggggta aacttgagac aaactctcat ctcaaacaag 120
 tctatatcat caatctaaac tcgctcaaac tggttttacg acgaaaactc taccgaatca 180
 aaatttgact cctcaacacc caattttacc ctgagaaatgg ctcttgtttt cactttgggc 240
 actcatattc ctcatattgca cagtctaagc tttctcataa gtccctaaatg acatttcaaa 300
 ctaggattaa ctccctttta cctccaaata ccactaaatc cagatttggc cttccaactc 360
 tcaagcctca ctctttttcc actcataaca ccacattctc actntctaac cctagggttaa 420
 ctctaccctt catctctagc agttgtccat aagcaatttc agcacataaa 470

<210> 461

<211> 248
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 461

tctacttatg tggcagggcg ggcttncctt actttctgtc tcaacgcgag ctttgaacac 60
 tgtttcttct tcccgcgatg cttcttttca tgtccgcctg agtgggctta tagcctaaac 120
 cataacttccc acgatttcct tgggtattta tcacgctagt tatgccgccca ttgtctttgc 180
 ctaaaccat cccgggttca taaccgttcc ccaacataac tcggggccatc attaccgctg 240
 cgtcggac 248

<210> 462
 <211> 216
 <212> DNA
 <213> Glycine max

<400> 462

taataaaaat attatttaaa atcattaatt gagtattatg aattaatata attgttaaaa 60
 aattatagag tattagaaga caacatttgt attaaaagcg actctattat attgtagata 120
 aggtcaaagc tggtattgtg aggttcgtat atattgttag gaagttataa atttattacc 180
 tcattaagta tatttactat gaaaaaagtg actcta 216

<210> 463
 <211> 449
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 463

tctagccaaa tggacttacc ttgacttaat tcctttgata gcccttttga gccttgtttc 60
 cctttccttg ttttgaagct cactacaagc cttaagtga aaaccatgat atcactatat 120
 ccttaaggaa ttttggagct ttggaattgt tttgggaata agtgtggggg attttgtttc 180
 attggataac atgttttggt ggccatgctt cattatatat ttgagccat acttgatata 240
 cattgcatat tggttaaatg ttggacatgc tgaatatgat gttgtttctc aaaaggctac 300
 agaaaaaaaa atattataaa aaaaatcgaa aaagaaaaac agtaaagttg agtgaataag 360

aaaagaatga tgagactctn ggttctactc tnntatgtta aaatntatct ttacttcttt 420
 ttattttctt atggtttctt aatatgcac 449

<210> 464
 <211> 432
 <212> DNA
 <213> Glycine max

<400> 464

ttcaggataa ggatgaaaga aggcaagatt gcacgtgtat ttgtctgcat catatgtcat 60
 agctagcgat aaatcgtaga cagtagcgat gaagcgggca atgtctgttc agaaatatgt 120
 cggggtggga cagttgggtc tcatttcagg catttgtcag gctggcttgc gtctcctatt 180
 ctcttcatag gaaataatta attcccaatt agcaaagaag attaattaat tgaatgcttc 240
 agaaatttcc tttaatcttg agtcacagct ttattattat taattatatt atttcttctg 300
 tctatatatt atatatcgct gtaacgcgta tcattcattc atcaaggaaat ggtatctctc 360
 actgttaata gaaaactacc aacagtacag tttcttatct aaccctttga agtgcggagt 420
 acagttctta tc 432

<210> 465
 <211> 442
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 465

ngaagtactc aagggatttg cattaggtag ttcgagcaat actccttgca gaatatcaga 60
 tcttgctgca aattcagaaa gactgaagcg actcagcata catataggaa gtggggctgt 120
 gatctaagaa ggagagggtg aaagcttgag agaactgtca tcacttgagc atctcaaaat 180
 atcatggggg gtgtcagaca caaggtacgg tgatattcca atcagtttgc cttcagagtt 240
 aaaaatggtg caacttgaag gcttttcttg aaagaatttt ccagaatggt tgaatattca 300
 tagtaagcta tccagaaaat ttatgtcact atctacgata gggggaaaac ttgaaagtat 360
 ggatattctc aaatatgttt accagtacat ggggatccta ngtttcaagc atttgattct 420
 tgacacacca cnatttggaa ac 442

<210> 466
 <211> 347
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 466

tgcttgcaa ctggttactg ctgaatcctc ttgggctctt ttgataaggg ctagattttt 60
 tagaggggaac cacagagttg ctttccacgt ttcttcttct atatggtata gnttatgccc 120
 cttcttagat gttataactg ataactctca atggcaaatt ggttggtaaa aacattgcgc 180
 tttggactga caaatggctc tcccaacccc taagtgcatt tgttgcatat tcctgaatcc 240
 tatcatacca atttaaattc cacagtggca gactatattt ataatggtgt gtagcgcatt 300
 cctcaatctt tgcagcaatt atatccgact ttgatgaatg aaattca 347

<210> 467
 <211> 415
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 467

ntataagcgc gggctcggga gacgaaggtc aagtggtcgc gatatacgaa gatgatgttc 60
 cgagtacatt ggatttggtg cgaccatgcc ctccctaattt ccagctggga aattggcgag 120
 tggaggaacg ccccggcatt tacgcaacga gcataatgta aacctttacg gttttaaaag 180
 ctctatagtt gggcctaggc tttagagttt ttccctttgt taaggctttg tgtcttttgt 240
 tttgaattta taatacaagg atctttcttc atctgttctt acgtctctac ccattctcat 300
 tcatttgcat gtttacttct ttttctgana atggcagatc cgatgacgag tcccctgaag 360
 gtactaatac ctgggacccg cctatcgact tcgagcaaga aatgagtcaa acgga 415

<210> 468
 <211> 329
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 468

ntacagcaga atttagtaat gaccactaa cctagaatta aatataactt aatgccatta 60

acctagggaa ttaaaacaaa ctaaattggct gagtgtaact gaaattgttg gcaacccaaaa 120
 gtcacccccca acagccaaca agtcagccac catttgggtct cccaaaaggc tgatgcctag 180
 gttgccaatt gggcccttat tacaacttga actaaagccc ttttagttga ttaacccaaa 240
 acatattttt ggtcagccaa ctttacaagg attgggceat tatttagaca aactaaacac 300
 tctaaaantg aaataaagtg gtgtcattt 329

<210> 469
 <211> 359
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 469

agtcggcaca ttctggccaa ttgcatgtct ccctttccct ttcctctgc tcattcgatc 60
 agctcttaaa tctaagaaca tccaagtttg aacgtgaggg gtgatcagaa ccaaaatggc 120
 caatcttagt agtcctggat ttaacctctt tttggtgtct ctcttggtta cgttgggtcca 180
 aatccaaacc aagggtgcaat gctaccagta caaagttgga gatctagatt cctgggggat 240
 ccccatctca ccaagttcac acctctacga caaatggtcc aaatatcaca acctcaggat 300
 cgggtgattcg cttcgtaagt cctcccttga tgtccattnn tttattgaga catgttaat 359

<210> 470
 <211> 454
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 470

cttggagttt ccaagtgcc aattcgtctt ttctttagtc cagtcttctt ctgggttcaa 60
 ttcattcagt ggctttccct ctgtgtccag catcttggga tgttcccagc ctttgatgac 120
 agctttccag gttctgctat ccagtgattt gagaaaggcc accatccttg ctttccagta 180
 ttcattagtt gtcccatcca gaattggtgg tctgttcaact ggtccgcctt ctttctccat 240
 gttcatcaga atttatctcc ctagatctca ctcaagtatt tcgagtgcct gctctgatac 300
 caattgaaat tctgatactg nggacagatg tcgtacagga tgtcacgaca tcacgcttca 360
 gaacatgcag attatatattg acagtgtgaa caaattaaac aagttaataa cacaagagaa 420

ttgtaaccca gttcggtgaa cctcactaca tctg 454

<210> 471
<211> 426
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 471

ggctntgcan aatatatact tcattcagtg gaaggatgag aaatactaac tctntattct 60
tacaagttag aacatacaag aatgcaatca gatgttcata gaaatatttg ctgtaccttc 120
tacatcctca aatacactat ctctgattca ataaaactag agaatatcat tatacccatc 180
tctgaattga taaggaaaaa ggagttaaga gcttgattaa catcggcctc atttatttagc 240
aattttctgc aatatcaagg atcacgatga aacaaaaatc gcggccacaa tttaaaacct 300
tagcacagat gaaatctcaa gtaaacacat aacaataagc aaacacctac agcatgatta 360
acatttcaac attcaaagat cctcccatca caaccacat aaaactcata cctcacanaa 420
cacatc 426

<210> 472
<211> 453
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 472

gttgaatgca ttaaaggtaa acaaaccaaa agcaagaaat tgtgtgcata tagagctaca 60
gacgtcttgg aattgagaca tacaacatt tgtgggccat ttcatacact ttcattggaat 120
ggtcaacaat attttatatac attcatagac gattactcca gatatgcata cttgttttctt 180
atacatgaaa agtcacaatc tttggatgta ttcaaaacat ttaaagttga agttgaaaat 240
caactccaca aaagaataaa gtgtgtcaga tctaaccatg gtggtgaata ctatggcaga 300
tatgacggtt cagggtgaaca acatccgng ccttttgcca ggtacctaga ggaatgtgga 360
atcgtccac agtacaccat gtcgngtca cctagcatga atggtgtggc tgaaagatga 420
aatagaactc ttaacgatat ggtaagaagc atg 453

<210> 473

<211> 432
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 473

ntgagcaaat tcaaacgaac aataactttt actcggatgt cagattgagt cccgtaatat 60
 atcgaaaagc tcgaaattga atgttgaagc tctaagcaaa ttcaaacgac aaaaactttt 120
 tactcggatg tctgattgag tcccgtataa tatcgaaaag ctcgaaatgtg aatgtagaag 180
 ctctgagcat attcaaacga caataacttt ttactcggat gtctgattga gtcccgtaat 240
 atatcgagat gctcgaaatg gaataccgaa gctctgagca aattcaaaca ataataactt 300
 tntactcgga tgtccgattg agtcccgtaa tataatctgaa cgctcganat tgaatgtcga 360
 agctctgagc aaattcaaac gacaataaca ttttactcgg atgtctgatt gagtcccgtg 420
 tatatcttga cg 432

<210> 474
 <211> 368
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 474

tccaccgggt gtgattgcga gataatattc gtggagggag aataaggaat cgtatgaaga 60
 cagtacaagt ggagggttca atctcttctc cgtctctctg actttttggga attctatcgg 120
 agtagtcgga tgaataattg aaagaatttc tgggaaccgc tagagatgtt gttatcgcgtg 180
 gctgaagaca cgtgagcccg cttagaggta agggatgagt ttatcgcaaa tgggattaga 240
 atgaacatgt gtanggatcc ttagagaact aaatttgggt taatttgcga tggttattga 300
 aatataattt ctctttatga ttataaatat aatattaatg gggctctatgt accaatgatg 360
 ttctgatg 368

<210> 475
 <211> 409
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 475

ntgagccaaa atcctgactc accatanacc ttgaccagc gtgagaatgt caatccttac 60
cctcggaagc gaaaagaata gaagggaaat ttccaatcaa agaaaaggaa agaaggaaga 120
tttccaatca aagagaaagc aaaaaaagaa aagaaggaaa attcccaatc aaagagtggg 180
agaaagcaaa aagaaaagaa agaaaattcc caatcaaaga atgggagaaa gtaaaaaagg 240
aagaagaaga aggaaagata gctcctgac agggatcgaa agaaaacaga agaaatgtgc 300
agaaaggtct ttggaccgga caatatctga ataatacaga gttgtcacca aatgaacaaa 360
aagaaggaaa ggaaaccacg acctanaatg gtcttctccc ttgattac 409

<210> 476
<211> 434
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 476

tgagtgtcca catgggtgca tgcattgatc attntgtata agtttctaaa tcatcgttgt 60
tatatacgtg tcatggaaat aatgtggggc acttcctttt atccctgaac cgctggccaa 120
agcaaatacc ctgacatacg tcatgtcttg ccttctttta agcctctttg ggacaaaacc 180
tcaatccttc agccctaagc ctgacccaa ggtaggaatt tttaccctta tcctcgaaaa 240
aaagaagaac aggaggatct aaaaaaacg agaggaagaa aaagtttcat ttacttttaa 300
gttatgaatg tgccttaca ggaaaataa aagagaaaat cccaatcaa agattggagg 360
atagcaaaag aaaaagaaaa agaacaattc ccgatcaaag atcggaagaa agcataagaa 420
aaatatacag aaag 434

<210> 477
<211> 426
<212> DNA
<213> Glycine max

<400> 477

tgctcgtaa gcctgtgctt tcttcttgag tggttgcgct aagctcggct tgccgcacta 60
agcgctaatac tttctttgtc ttaaaaaatt gtggaattag gcttagcgag caggcttctt 120
aagcctattc tgcagaaaaa aagattttat gtgttcttgc gctaagagca tggctatcac 180

gcttagctta tgagtaaaat ttcataaggc gcactaagtg catctgctgc gctaagcgcc 240
 caatcttaat tctagattta ttttttgctt ttcttttggga ataattcttg tctagtcttg 300
 gcttttgatt cttttgtttt tcagatggct tcatgaaaga ggaagacaac agctgcagta 360
 ccccgagccg gatatgacat atctagattt acatcccaag aggcatgtga ctgctacaca 420
 tataat 426

<210> 478
 <211> 514
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 478

atgtctctgg gcccttggac ctgtananc tcttttgnnc ccttgaaccc cgcggtctat 60
 ttaaaaaaac cccgccctga caagaaagca ctgtggagat gcttaccacc tcttatgact 120
 ggaaagcggg ttctaatgac tcctctgcgg tctccacata aggcatatag gaagggcagc 180
 tcaccaagat gtcttactcg cctgatacga tgaccagatg cccttnact acaaatatca 240
 acttttggtg gagcggagag ggaacaacta cactgagtg gattcacgga cgccccaaca 300
 gacagctgta gaggaggta atatcatta tttggaaagt cacttgacag gtgggagggc 360
 ctattcagtc tgggagaact attctcttcc caaaccttct cggggtgggc tcttggcaca 420
 acccactttt gaccatattt gtatgagaac aaagtcgctg gtcactcttt gggttaacct 480
 atgaattgat taatgattgt gaatatatcg agag 514

<210> 479
 <211> 456
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 479

ctattacgtg acactatgaa actaagctnt aacanatgtc ttcacaaata atcatcacac 60
 agcagaaacc tagcaagact acccatcata tctcccaaaa ccccatacct acaaaaatta 120
 aaggagaaag aagtccaccc aaacctgaat tttcgaagtc cactcgtag ccacgcactt 180
 cacgaccccg aaaatgcctt ccttttcgca tttggggcag aaatgatggc caaagggtga 240

agctttgctt ggagcttcaa tggagaatga agaagaagaa aatggcaacg tgagagagaa 300
agagagcttt ctgaaaagtg tgggggctga gtgaagagag agaaaagctt tttgggtnta 360
aataaatggg gtntctcttt ttctattatt ntatttaagc aaatgccaca tgtctncatt 420
tgagtggagc aaaaagggcc cacttttcct tttgac 456

<210> 480
<211> 519
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 480

tcccaccgtt ttttgaagca tgctattagg acctatgaaa ctaagctgtg cttanaggaa 60
aacttanata aagataactn tcatttcaca tgttaggtgt agctggtgta ttcggcggct 120
cctgtataag gataaggggc gaaaagtaat caaatagaaa ttaaactaag aaggcaaagt 180
gtgaatgtgt taaattgtca ataatctcac ttcaaccatt caacacagat acataagatt 240
atttcagcct aatcgataat ttttaattta aatataagta tataattgta ttaaattattc 300
aaaaagaaaa ttttgttaca caatcatatt acaatcaaata aaaattgtgt ctccgggtag 360
agatacatat agtcctact caaaaaatcc catttcaaaa gttaaataagg caaattacta 420
atgttgaaaa gttttgtaat catgaaatat gtcgcttcct tactagacct gacaggtcat 480
ttaatatatt attatcaagn attgtttacg cctatgaga 519

<210> 481
<211> 245
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 481

tgagctgcan atgttgcttc accatctgtc aactgtcacc tgtacaactc tggcacgtgc 60
ccaagtgaag tgcacatgtg ccttatctgt aactacacat ggcttcttta acgtcatcac 120
gagaaagagc atgtacgtgt agggcttccc aattaacaat ggaagatgta ggagggcatga 180
catataatcc antgtgtgat ggagggagag ggggttgggaa agaaatgagg ggtgggtgta 240
ggggg 245

<210> 482
 <211> 451
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 482

ctgcccattt aagttttgcc agcgaanaaa tcgaagtggg tctgagaaga ggcaaatttg 60
 attatcctgc tttgatgaat aggaagcttg gggcaaatgg agagaataag aaggagggaa 120
 aatcagtcct tctcattacc caccacccta ccagccatga acgcctaata atccacaaaag 180
 gccatcccca aatcagccaa aaatccaccc gatgcacatc caagaccaa taccaccctt 240
 aataccaatc aaaacaccaa ctagggaagg aattttccag aaaagaagcc tgtagaattc 300
 accccaattc caatgccata tgttgactta ctcccctacc tgctcgacaa tgcaatggta 360
 gttataagcc caacaaaaat ttctcaacct ctgtttccca gaggatacaa ccncaacgtg 420
 acatgttctt atcatggggg anngtttggg c 451

<210> 483
 <211> 449
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 483

tctataaaag gttcgttcct aattttctcta caattgcata acctctcaat gagctgggtga 60
 agaagaatgt ggcatttacc tgnggtgaaa aacaagagca agcctttgct ttgctccaag 120
 aaaagcttac taaggcacct gttctagctc ttcttgattt ttctaaaact tttgataata 180
 ttagggactt gtatgcttta gatgaacatt tctctcccat ttacgaaagt tgtgggaaaa 240
 aggcccaaaa tggattctat ttggctaagg ggtatttggt caaagaggga aagctttgca 300
 taccccaagg atccattagg aaattacttg ttaaagatag ccatgagggt gggctcatgg 360
 gccactttgg gatagacaag acgctcgtct tactcaaaga anagttttat tggccccata 420
 tgaagaaaaa tgccttaag cattgcact 449

<210> 484
 <211> 405
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 484

actctcttat cgaatggtgt gccacaataa catcaacatc gatttgatga ttgcatgctc 60
ccttttctga tcttataggc acgttacagg gacgaaatca ttatttaaact atttaagtgc 120
ccaaagattt tgattntaag agcaaaataa aataaaaaaa atactgaatc atgtggagtt 180
tattgaactt catatgcccc agtagagtgt catgcatgtt aatttaaact gaatcaaact 240
aaactgtacc ttacacatta gtaatgtaat tagtaagact agaagcatct taatgaggtg 300
gcagaatnta attaattatt tagaaacatc ctaatgaggt ggcagaattt aattaattat 360
ttgatttcaa tatttttcat actaatttct tctnctttat ccctt 405

<210> 485

<211> 398

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 485

tgaagagagt tcttccatgc cagcacgcgc ccaacgtgta tgtagctcgc taagcgagat 60
ggttgtctct tctgcgctaa gcgcgagatt gccgctaagc caaatctcac ttactcgcac 120
ttagcgcgag aatggcatta aacgcgcctt catggacagg aagccctttc ttaagcctga 180
cttacagaaa atgaagggga gggctggaag agagcgcgtga atagccgtca gagtttgaag 240
agtgaaatac acaaaggcaa ataacagagc anaggagcca agttttgatc ttttaggaag 300
atttgtgagt ctttgagtga ttgtgagatt cctagaggtg gaggagacat cctcactcct 360
ttttagcaa gcaatntctc ttaattcctc ttctttca 398

<210> 486

<211> 382

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 486

tcattgatca attctgaagt tcacaattgt cataagttca tgaaaggagc aaaatgttgg 60
atcaagtggc ctcaataa ttaagaaggg gggttgaatt aattattaat gagcctttac 120

taatcaaaaa cttatccttc ttaatgttac tagattcaat taggctttta ctactaagtt 180
 aagaaagtaa agaacagaaa tagaaactta atcaaagta aaagcaataa ttaaagtgca 240
 cagcggaaat taaagagtat agggaagaac aagacaaacg caagaattnt atactggttc 300
 ggcaaaactc atgcctacat ccaatcccca agcaacctgc ggttcttgag atttctttca 360
 accttgtaaa atcctttaca ag 382

<210> 487
 <211> 399
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 487

nttggtctta gaattaatca tcaaaagtct catttcattg tgtctaagaa tattccgaga 60
 aggaaaactc anaaatttgc tatatcttgg gtttccaata tatactcatg atattggtaa 120
 atatttgggt ttacctataa ttagtggaag agttaaaaaa aaccacttct cgtttattct 180
 ggataaagta aatgatcgct gagctgggtg gaaatcgaag cttctcaata gacttggtcg 240
 ggttacactt tgcaaatatg tcctcaattt tatccttaca tatgtcatgc aaaacatgtg 300
 gctccttcaa ggcatttgtg attcccttga tattgctact agacaattca tctgcggatc 360
 aacttcatct cattgggtga gttggaagac tnatcattc 399

<210> 488
 <211> 396
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 488

tcttggaat cctcattcca gcgatcagtt tggtnnttgc gtaagagttt gaacaacggc 60
 tcacaaatgg cggtagagctg cgatatgaat ctggcaatat aattcaagcg tcccaggaaa 120
 cctcggactt gcctctctgt acgngtttct ggcattctcaa ggatagcctt caccttttcg 180
 ggggtctacct ctatcccttt ctgggttaca acgaaaccaa gcaatttccc tgatttgacc 240
 ccaaaggtac acttagcggg gttcaacctt aattgatatt tcttaagcct ttcgaacaac 300
 ttccgctggg tgacaagggtg ttcttctctcg gatttagatt tagcaattat gtcgtccacg 360

tagacctga tctcttgatg catcatatca tggaac

396

<210> 489
<211> 383
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 489

tcatggtgaa tcaaaggtga ttcanaggtg ttttgatgat aacaatgatg ataacaaaag 60
atgatgacaa aggtgatgac aaaaagctca aagatcaatc aagaacaatt caagagttca 120
agataagaat caagaagaat tcaagactca ataagaaagt ctagagacaa gaatcaagat 180
tcaaggttca agatctcaag aatcaagaac aagattcaag actcaagatt caagaatgaa 240
gagaagactc aatcaagata agtattaaaa agtttttcaa aactttgaat agcacatgag 300
tttttgacaa aaacttttac cagagttttt actctctggt aatcgattac catatagttg 360
taatcgatta ccagtagcaa aat 383

<210> 490
<211> 346
<212> DNA
<213> Glycine max

<400> 490

tctacttatg tggtagggcg ggcttctctc actttcttgt ctccaacgcy agctttgacc 60
actgttcttc cttcccgcca tgcttctttt catgtccgcc tgagtgggct tatagcctaa 120
accatacttc ccacgatttc cttgggtatt tatcaggcta gttatgccgc cgttgtcttt 180
gcctaaaccc atcccggggt cataaccggt cccaacata actcggggcca tcattactgc 240
tgcaacggac agacaaggtt gccagagag ggagtccacg gaggaatgc tgaccacctc 300
ataagactgg aaagcggggt ctaacgattc ttctgaggct tccaca 346

<210> 491
<211> 391
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 491

tgaaggtaaa aggtttacac agttttcatgt taaaagttac tgacatcctg ctgctaatag 60
acattagacg tagctntact cttagtaaga atattagaac aacacagcaa acaaaacact 120
ttctatgcat tgagcaaatg tattcaaaaa ataattatgg attagaacta agttttcaca 180
aatcttaagc aagcatcagt aacatcttta cctgcagcac tagaaagaac ccaattgtca 240
tcataaggaa cttgccacac agcatagcca agtaacttat tttcccttgc ataagaaacc 300
ttcattntga caacctcaac atcatcataa cctatccaag tcgatccatt ggagaagtaa 360
ttaactacat aagtagcatt gtacttgaca t 391

<210> 492
<211> 454
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 492

ctcagcttan atatgttttc cctcanatga nnactaattt agttntaacc catcaattaa 60
aaatttgctt tctacaaatc ctcaaattca ctttgaggca ctgaaatcaa cagttttacga 120
atttgagtga tttaaaacat aaattatgct catgtaacct ttcatgaata aagactaaat 180
tattcattca aaaagaataa atactgaaac agtatgaagt taatgaattc attgactaag 240
taaatataga aggacaaatt aaatacaaaa attatattat atgcaagtaa tcttttaatt 300
ttaatatataa attaattagc acacactatc acttttgaaa atgatatata tatatatata 360
tatatatata tatattaatt ctaacattag tattcgtata gtatacacgg attgttaata 420
ataacaagtg aacaacaata acagtaataa taaa 454

<210> 493
<211> 386
<212> DNA
<213> Glycine max

<400> 493

tgcaacttcag gacgtgcaat gctggtaaaag aattgtggca ctgaactact tgagttgtcc 60
tcaagggtaa ccccttggtg gtgttcacatca tccatggtaa tggcctctgg taagtttgaa 120
gctgattccc ttgataatgg tgagtcagat gatgaagaat cagaaaaatg agtttcttcc 180

tcaagaatgg atgctactgt cctgtcttgc agtaattttc ttctcctttt ggctctgttc 240
 cttcttaatg tagcttcaat ctccaagtcc aaaggaacta aattgcctgt gggagatcta 300
 tgcatttaaa acactaacag aaacaacagt tatccagttc aagaggaaaa aaaatatgaa 360
 ttaaaagcaa atattcacag ttaatc 386

<210> 494
 <211> 443
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 494

tagccgaatt catattgaat tgaagttagc ttagctcaac cttggccagc ttagtggacc 60
 aaatcaacct tatgcaaggg ttgggcgcta agcacttgag actcacaact tagcgcatga 120
 accgagatgc gcttagcgta aggcttgccg ttagcgaaag gactattttt cagagaaaag 180
 ttttctgtta ttttctagtc ctttttccaa gaaattgaaa cttttatgtt aaacattcaa 240
 agatagggtg atatactcct atgtacagat ccgacagcaa gttccaaatg attaaatgca 300
 tgaaaaacaa agataacaaa atttaaaact gggttgcctc ccaggaagcg cttctttaac 360
 gttattagct tgacgctntt accttactgg atgatcttat gttttgggtc ttactttcag 420
 aacctcttga cctccttcca tta 443

<210> 495
 <211> 369
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 495

nttagcttct ctaggaatct tctcaaggaa gtttctcaag gaagcttctt aatgaggtga 60
 gcttagttat taggtgtgtg tagctaagtc tagcttctca aggaagcttc tcaaagaagc 120
 ttctcaagga agtttcttaa ggaagcttct caaggaagtt tctcatggaa gtttctcaag 180
 aaattttctc aaggatgcta cctaggctat aaataaaagc atgtgtaaca cttgttgcaa 240
 ctttgatgaa tgagagtctt gtgagacaca cttcaaagtt caacttctct ccctctttta 300
 caccttcaat ttcagtctcc cccctctctc tttctctctc tctttctttt tctccattga 360

agcttccta

369

<210> 496

<211> 372

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 496

nggatgaagt tcgaaatctc ttccttcttc atctctaaat ttcattccacc accacttgca 60

tcaccaagga gagctccaaa actgtgcttt cctcaagctc ttactctact ttctcttaaa 120

ctctctacta tgagtgtttt taagtgtgtt aaacccaaat aatccttggt gtatttatag 180

ggtaaagtgt aggcataagg agtaaataag accaatgagt gttaaggatc atataggtct 240

ttaggttaca aattaattgt tcttatcttt taattntatt tttttctttt cttttattaa 300

ttagatattc tagatgcttc atgggttatt agagtagaga ttggaatgta tgtatacatg 360

attttgatga tg 372

<210> 497

<211> 387

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 497

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attgcctccc tcgcccagta ttatgactag ctgttgaggt gcttcacctt tggggacttc 120

cagctatcac ccatggtgga agaatttgaa gagatcctag gatgccctct atggggaagg 180

aagccatacc tcttctcagg attctatccc tctttagcta gaattttctaa gatagtccaa 240

atctcggcgt aggaattaga ccacagaaaag caagtcgaaa atgggggtggt tggagtaccg 300

agaaaatgtt tagaggcaaa agcaagaatc ttggcaggtg gaggcaaattg ggccccgttc 360

atagacatcc tcgcactttt gatcttc 387

<210> 498

<211> 446

<212> DNA

<213> Glycine max

<223> unsure at all n locations
 <400> 498

tcagcatcctt aaacagaggc taaaaatctg aagtaaagac aacatatgag acctgtgcag 60
 catagtcaaa cagcttcaat agaaactaaa tgacttggag aattctatgc cagttcaacc 120
 ttctgaacaa caagtgaagg acctcaagaa aaccaagct gacctttggg aaaaagctac 180
 tatgcaggag tctattgtga ggcagaaatc aagatgtaga cggatcatag agggggacag 240
 caacacatcc tattttcata gagttattaa tttagaggag aagagaaatg ctctgagggg 300
 gttgcagatt ggtgacacct gtgtggaaaa tcctaacatt atanaagctg aaacctttca 360
 tcattttaga acaggttcaa tgagcctcac ttgaccagac ctaacttga tgggggtttc 420
 atttaaagtc tgacttattc tcacag 446

<210> 499
 <211> 402
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 499

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 ttgccgggtg agctgggagg caagatcctc ccctattttg gctataaaag ggtgtgggag 120
 gctaagggga aggggttcag cacccttggc cacttgcagc agacaaggaa agtgtcgttg 180
 aactgtatg caaaaagtac gacattggca atgagaagtg ggctcaattt tgtcagaccc 240
 gcagagacc ttcgtgggag gcaacgtttt tattttcatt gttntaaact ctaaattcac 300
 ttagtataat acattgtaat gataactttc aataatgggt aacttttaca ggatatgcga 360
 aaaaaggcat aagccatcta aaaacaaaac actgtccctc ac 402

<210> 500
 <211> 449
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 500

tgcttgtggn gcttctatgg aggctggatc tttagcttc aatgaggtcc ttcaatggtg 60
 attttcgacc atggagatgt agcagaaggc aaaggagaag aggagagagg aggcaccatc 120

cacaagggaa taagccaagg aagaaggagc ttcgccacca agatgagcat tggataagaa 180
gcttgagat gatgcttcaa tggaggaaaa gaaagaggga gagaaagaga gaggaggag 240
cacgaaattg aaggaagaaa aaggagaga agttgaactt tgagttgtgt ttcacaagac 300
tctcatccat caaagttaca acaagtgtta cacatgtttc tatttataga ctangtagct 360
tccttgagaa gctntcttga gaaaacttcc ttgagaagct tctttgagaa aacttccttg 420
agaagctaga gcttagctac acacacccc 449

<210> 501
<211> 373
<212> DNA
<213> Glycine max

<400> 501

tgagtttaac gatgacaaat attcaagaag caaacattaa gttatccgaa ccaagctatc 60
tagtattgat tgctttaggt gttctttata acatacgact aaacttataa gaatggggaa 120
gatgtggagc agtagcctat ggtagaaatt ttccagacat agattctgcg taatcaaaag 180
caaaactact agaaagagag tggtcctaatt ttagatggaa aggaacacac gttttatgag 240
tgaaactgaa aatataacaa gctatatatg atcagaagca tgatgtagg tatctttggt 300
aaagggacat atattagaag ctacgcatga ctaagggatc atccaaagta ttctaattca 360
aaagtcatga gaa 373

<210> 502
<211> 320
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 502

ntngagatca aactntacca ctggtaatcg attacaggaa actggtaatc gattaccaga 60
gagtaaatac tctggtaact tagaaaaatt tggaaaaact tttcttgtaa aacaaaattg 120
tgctatgttt ggtttttgaa aaatcttttt caatacttcc cttgcgaagt cttgacttgg 180
tgcttttttg tttcttctct tgaatcttga atcttcttga tgacttttct ttaatcttga 240
tcttgaactt gttgactcaa tcatgacatt attcttttgg catttttgaa atcatcaaaa 300

ctacttgaat tattcttgat

320

<210> 503
<211> 430
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 503

tgggtggtaa aaananaaat ataagaaaaa ggtgtatgtg tatttttggga ggagccctgc 60
cgattcctaa atcctctttt cagaggaaaa cgtaaagaa atgctactgg aataagataa 120
gataaaaaat ggagatgaga gcatgctcca ctgattagat tctgtaagcg ttagctacta 180
aacttcatca acaacatggt aagtaattat ggcaacagtg atcgaaccaa aggaatatgc 240
agacaagata gatagagaga aagggaaaaa aagtcaagtt aagtgagtgt catcgttgaa 300
aatcaatata gatgccaggg acggctctgt aaattcagta gccacacctta caaataagtg 360
ccctaattat ctgaacactc ttctcaaata atacattcac aaattaaaca gttccattag 420
taaaaatatg 430

<210> 504
<211> 463
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 504

tattggccgt tggatgaaac tccacacagt gcagttctat gttcacttgt agaggatctg 60
aatcccagtt taccagttgg ttgttgccgt taaccaacaa atcttatttt atgttctctn 120
taatatttct ttntaattga agatgcttct tttaccaca gaaattgtat atttttcatg 180
caagtataac agttaaatga atagtagtta gtttaattgt atttcgaatt tttttttata 240
attaaattat aagtgatttt ttagtttcta tggaaaaaat taagttgggt aagtttttta 300
ttttaaaaat taactaaatt tattcatnt gtcaaattnt tacttaaaaa ttntcaaatt 360
tttaatttta tctacatatt taggagttta tgaataaatt gagttagaaa ataattntaa 420
aaattatang taactttatt agaaaaatta gtaaataatta atg 463

<210> 505

<211> 406
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 505

tcttcacctt tgctcagagc tggttaattga acttattcta aaattntgtc ccttggtcca 60
 aaattatggg tgaattttca ttagattatt ttttcgcttc acataaaatg attctttgat 120
 catgtgagaa gagaatgaag cctcagttag gacagttgat taaattaaga atagactaat 180
 aattacaggt agaggaagac caagaaagac tttggattct gctattatta gaattgggtt 240
 agatttaa at ggcttctatg aaaaatgaaa aattgttttt taacagaata caatggcatt 300
 gtttgattga tataggttgt agatgacctc agtgggaaaa aaaactntgg ttatcactgc 360
 tatgtataaa tcattgatat tatttggttag caactcttat ggtaaa 406

<210> 506
 <211> 460
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 506

tagcccctaa cgaaagatga accgtgtcaa gttgtacact atgtggagat cattgtagga 60
 gtagaagggt ccgaggagtt agagttggac ctgagaacca atgacgacaa tcgggttaaa 120
 ccaattgaag aaacatgtaa ctttcagctc gacattaaag aggaataggt tacttgactt 180
 gggaaccaac tctcaatgga atataagaat gacttacaac aaattatctg agcacatgcc 240
 gacctgtttg catggttcga ggtcaacatg ctaggcatag atccgacctt ccattgccat 300
 aaattatcca taatttaaga tgccaaatta tatctcagag gaagagaaaag attgngaaaag 360
 aaaggtgtta ggtagtgagg caagaggttt ccaaactggt ggctaatta tcanagaggt 420
 agagtacacc acatggctat canatctatt cctagtaaaa 460

<210> 507
 <211> 459
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 507

ggcagtanaa acaacatttg ttttcaattg ttatgtcaat tctctgtaat atacaaagtt 60
atcattgggtt catttgatgt tggatgaattg gaagtagaat aaacacaact acagatgtta 120
ttttactttg taattatata tactagattt tcaagacatt caagctttca atgccgtcat 180
ttcctctgca cctactcctt cgatttcaca acagtgtcag tagaaatgat gctaaacccg 240
gctcgtattt cctttcctta tgatcttttg cccaacaat ccattctcat actgaggggtg 300
aaaaatatcc ttaacagcat gcccatgatt ttatttttcc tgcaagtttg tcacaacatt 360
aaciaagtag taccttatta ttattatgg tgggcctacc taattcagta tggaatcaac 420
catagagata gatagtgaag tgggaaaaca gcaagataa 459

<210> 508
<211> 413
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 508

tgatatctcg gcccaatctt tcagttaaaa tactccaaat cattattggt tctaccttct 60
agtatatttc ttgttggttag tgtattggaa tctgaattct cagcttcaca atgactaaac 120
ttttttcttg tattgacaga gcaatgagga tattaaccac acgcttgtct gtgccaagct 180
tgaactgata gcagcataaa tggaagccaa tgctaagata aagaaatatg aggagacagt 240
taaacacttg tataaacttt taaagaaagt ttgccaggaa agagatgaag caagagacca 300
gcttcaattg ataaggaatt tccaagcatc tactccagct gagacaagca gtactgggtc 360
acaagttgat catcatgcat gcctncaata ccaacaaaag ccatcattga ata 413

<210> 509
<211> 363
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 509

tattggaatc agccaattgc tcagtgaactg ttcttaattc tgtcatcttg aaggtgtata 60
gttggtgctt caagcataac cgatttgcaa gagactttgt catatacaag gattccagtt 120
tcaaccacat tgagggttggg gtcctttctc ttgcaacttc tcttatagct ttatttccaa 180

ggcatagtat gattgcactt ctggctctat ccatcatttc ttatttctcc ttggaactta 240
gagattcaga catcctttct tcttctttta gagcttctac acagccatgc tgaatcaaga 300
ttgcttncat cttgatcctc cataaccgga agtcattttc cctgagaact ctcatatcat 360
act 363

<210> 510
<211> 418
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 510

tgattaccct ggtgacactn tacttccagg aatgaaaatt ggagtgaact tcaaaaccgg 60
tcaacatcga gctctaagat catggagatc ctttacggat cctactccag gtaatttttc 120
acttggtgtt gatactcgtg gccttcctca attagttatt acaaatagaga atactaatag 180
taatgacata gcttatagac cagggtcacg gaatggctctt agtatcacgg ngcttcctgg 240
agaaataact gaccaattaa caaaatccct ttttgttatg aatcaagatg aggtcttcta 300
tgagattcag ctcttgaata gttcaactaa actcatgaga agcagaatgc ttccagaagg 360
gtatcaagta cgttttatat ggtcagatga aaaaaaatat gggattctca aattccta 418

<210> 511
<211> 435
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 511

tagaagcaaa tgctggcatg gtatcgaga ttcgtgtagc aagaccacct gctgaaggac 60
ggngaaggaa tcaattgctt ccacgttatt ggcttaggat tactgatcaa gagttgcaac 120
aaatatcagg agagtatcca acattgtaat ctgtcctata aattattatg aatcactgac 180
aggatactta ctggttgata cacttattat tattttgata gctaattctt accttagtat 240
ttccttaacc atgattcatg atatgttcaa gttcaaattc tacaatcgtg ccactctttg 300
aaaagatgct tagtgcaagt gatgctggtc gaattggctg cttggtttta ccaaagcat 360
gtgctgaagt aatttatctt aactcatctg ttgaactggc atttactgtt gtcattttat 420

attaactaac aattc

435

<210> 512

<211> 395

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 512

tgtgaatnta tagtgtttgg tgactaattg tcacaaaaaa gcaaagtaaa gcccaaagaa 60

gcaaaattaa agatctaaaa ttactcgctc agcattttctc aggtgctcag cgcaacgcag 120

atgcttagcg gacaacgcac gcttaacgcc agaaagtatg aagacgtctg aatcatgaat 180

atgtgcttag cgcgagtcac tcgctaagcg cgagattact atcatactcg ctaagcatga 240

aattgcactt agcgtgaagg ttacgtaaaa atcaaactga actacaccta taaaagaagg 300

agagagaaaa agaaaaaaaa tacacttaaa attcaagaga atacaattcc ttacagaagg 360

caaaggtcga aagcaggaga agcaaccatt cggag 395

<210> 513

<211> 412

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 513

tggtaaagaa aatgatggca tgacttttat ccaatcttat tatgttgaaa agctattgaa 60

gaagtttaat tattttgatg cgaaacatgc tcttactcct tatgactcat ccatcaagtt 120

aaagaaaaat ttgagtaa at gaatttcttt acataaatat tctcaaagta tcggttcttt 180

gttgcatattg acaaacttct ctatgcctgt ctgatattgc acatgcagtt ggtagattgg 240

aaagtaattg agggatttag tgatataaaa ttgaagttct gattntgatg aaataaaaaat 300

gagaagtggg tatgtctttg ctttagctag ttgtgcagta tcatgaaaat ctactagaca 360

agttattatt tcacatgana gcaaaaatta ttgctttaaa tactgctact ag 412

<210> 514

<211> 320

<212> DNA

<213> Glycine max

<223> unsure at all n locations
<400> 514

cttgtgtggg acacccattg tgagtgtagt ttccaaaccc ttatagaaaa gttgacgatg 60
actcctgtgt tagttttgct taaccaaga gaaccctttg aggtgtattg tgatgcatca 120
aagatggggt taggaggagt gttgatgcaa aatggacaag tagtggttta tgcttctaga 180
caactcaaga ctcatgagag gaattatcct acccatgacg tggagttagc tgctgtnagt 240
tttgccttta acgcgtggag gcattaccta ttcgactcca gtttgaagtg tttagcgatc 300
ataaaagcct taagtatttg 320

<210> 515
<211> 371
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 515

taggaaccca nacttgtagc ttcaatgcaa ggaaacgtgc ttatggctag gaatccaaaa 60
atttggtttt agaattagaa aagaatgaaa atagggactt gtttgtaaga atttgggctg 120
cccatgatt ggtactttgc acctaaataa catgggaaat gattttcaat gctgtgtaga 180
tatatgtgta aatatgaagg gcatgaaatt ctttgcaaag gatgaaggaa tattgaggtc 240
acttoctaaa tgaatgtatg atagcatggg attccctttt gaatgcaagt atgtgcataa 300
tgttaaatat cttgccaata ggcataagtg tgagtgaaac aatgaaaagt tgtatgggat 360
atatatcttg a 371

<210> 516
<211> 455
<212> DNA
<213> Glycine max

<400> 516

tagcccccta acgaaagatg aaccgtgtca agttgtacac tatgtggaga tcattgtagg 60
agtagaaggg tccgaggagt tagagttgga cctgagaacc aatgacgaca atcgggttaa 120
accaattgaa gaaacatgta actttcagct cgacattaaa gaggaatagg ttacttgact 180
tgggaaaccaa ctctcaatgg aatataagaa tgacttacia caaattatct gagcacatgc 240

cgacctgttt gcatggttcg aggtcaacat gctaggcata gatccgacct tccattgccca 300
 taaattatcc ataatttaag atgccaaatt atatctcaga ggaagagaaa gattgggaaa 360
 gaaaggtggt aggtagtgcg gcaagagggt tcaaactggt ggctaattat caaagagtag 420
 agtcaccaca tggatatcaat ctattctaga aaaaa 455

<210> 517
 <211> 461
 <212> DNA
 <213> Glycine max

<400> 517

tgcttgtgga gcttctatgg aggctggatc tttgatcttc aatgagggtcc tttaatggtg 60
 attttccacc atggagatgc agcggaagac aaaggagaag aggtaagagg cggcgccatc 120
 cactatggaa taagccttgg aagaaggagc ttcaccacca agatgagcct tggataagaa 180
 gcttggagag gatgcttcaa tggagagaaa gagagggggg ggagcacgaa attgaaggaa 240
 gaaaaaggga gagaagttga actttgagtt gtgtctcaca agactctcat tcatcaaagt 300
 tacaacaagt gttacacatg cttctattta tagactaggt agcttccttg agaagctttc 360
 ttgagaaaac ttccttgaga agcttccttg agaaaacttc cttgagaagc tagagcttag 420
 ctacacacac ccctctaata actaagctca ccttcttgat a 461

<210> 518
 <211> 460
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 518

tggagaggat gcttcaatgg agganaagan naaaggagag aaagagagag gggggaggac 60
 gaaattgaag gaagaaaaag ggagagaagt tgaactttga gttgtgtctc acaagactct 120
 cattcatcaa agttacaaca agtggttacac atgcttctat ttatagacta ggtagctttc 180
 ttgagaagct ttcttgagaa aacttccttg agaagcttct ttgagaaaac ttccttgaga 240
 agcttccttg agaaaacttc cttgagaagc tagagcttag ctacacacac ccctctcata 300
 actaagctca cctccttgag aagcttcctt aagaagattc ttaaagaagc tagagcttag 360

ctacacatac ctctctaata gctaagctca cctccttgag atgagaagct agagcttagc 420
 tacacacccc gtataatagc taagctcaca tgaaaataac 460

<210> 519
 <211> 405
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 519

ntgagccaaa atcctgactc accataaacc ttgacccagg gtgagaatgt caatccttac 60
 cctcgggaagc aaaaaaagaa tagaggggaa atttccaatc aaagaaaaag agaaggaaaa 120
 tttccaatga aagcaaaaaa agaaaagaag gaaaattccc caatcaaaga gtggggagaaa 180
 gcaaaaaaag aaaagaagga aaattcccca atcaaagagt gggagaaagc aaaaagaaaa 240
 gaaaggaaaa ttccaatca aagaatgaga gaaagtaaaa aaggaagaag aagaaggaaa 300
 gaaagctcct gatcagggat cgaaggaaaa acagaagaaa tgtgcagaga ggtctttgga 360
 ccggacaata tatgaacaat acagaattgt caccaaata acaaa 405

<210> 520
 <211> 452
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 520

acaattatct aatcattcca atccactcaa atcatacagt tgctcattca aatcattctc 60
 aaacactcat ttcatacaaa acaatccact gcatatcggtt ttcaatcagt tctctgttca 120
 aacaagcttt tttgtacatg caaacaactc atagtactaa aatttaaaga acggaaacat 180
 aaaaactgaa atttaaata ctgaacataa atcataaaat aattcaagta aactaaaatg 240
 ttcaaaatgc acaaatttaa atgtcctgct tctgtggttg ctcttggtga tgcttattaa 300
 gatccaacac ctgagcaact ggtaaactct gagaggtagg tttctctaac tcacatgttg 360
 gtgaagatgg tatggcatca tcaggtatag gtgctgggga tggctctggg atctgggtctg 420
 tggaagtctn cttctcttga gccatgtgta ca 452

<210> 521

<211> 391
 <212> DNA
 <213> Glycine max

<400> 521

tcattctcta tcttgagact cttgtgttat taattactgt ataaacctta ggggtttctc 60
 attcctatct tctgcaaatt ctctacaag gctagaaata tttctgagca aatataccag 120
 attttgattt tgattctttt agcatgcaac tctatattaa tgctgctgca ttgtaatgat 180
 cacatttgca acttactaaa atgcggcgca gcttaagcat ttgaatgctt tttgaatcac 240
 tgtatttggc gtatttgggt tggccgtag ccaattcaat gcgtggatat atatcgaca 300
 cctacaccgg agatatatat cagttatggc tttgtgttca agttttctca atcttcatct 360
 tctgggtttt gtttgggtga cgatagaagc g 391

<210> 522
 <211> 418
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 522

tcatttgcaa ttcagtgtaa tcagtgccag ccatattcga atgaattgga tactttgaac 60
 cagtttatgt acaaaagaaa aaaaaagttt aatttttatg tatcaagtat acgaaatttt 120
 ataccatcaa ccaattaaaa gttatatata attggaataa ctattataat aattatcata 180
 aaaatcaata aatttatcat tcatatattt caataccaat agccactata taattactgc 240
 atgctcaatg agaattaaat tgacatgtac ctctgatcgt atagtgtgta tgaatctgcc 300
 atctcttctg attgaagtag tgctaaccac gtttaagcct tctttaagca gaatgtccaa 360
 cactcttgac atgggaaaca aacttttccc anagctgtaa ctgcacataa tctcaagt 418

<210> 523
 <211> 393
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 523

tcaggctgtt caattgctnt aaattgttgc atagaagggc aaagggtctgt gtgggtggtcg 60

gcagaggagc acaaaccaca gagtctggcg acaggtgcag attttttatt catggccagt 120
 tgggttacca ggttaaccaa tgcatttagt ttaccttcaa gcttcttagt ctcacctgat 180
 gaattcgtgg ctacttcatt cactcctcta atgacaatag catcacttct ggcactaaat 240
 gtgtgggagt ttgaagccat cttcttaatt aaatttcttg cttcagcagg ggtcatgtct 300
 ccaagggctc caccactagc agcatctatc atacttctct ccatgttgct gagtccttca 360
 taaaaatatt ggagaagaag ctgctttgaa atc 393

<210> 524
 <211> 392
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 524

tctaaactnt aaacaaaaat gaagctaaac tntaaacaag aatgaagctt cgataccact 60
 tgtagacaa gtggcctcag atatcttaag aagggggggt gaattaagat attacaaact 120
 attttcccaa ttaaaattct actttgattt taatgcaagt tcaaagttcc cttaaagatt 180
 aatttctaaa tgatgattca aaataaccaa actgaatgta aaagtaaagc aacaataaat 240
 aaaagagttt aagggaagag agagtgcata ctgagtttta tactggttcg gccacaccct 300
 tgtgcctacg tccagtcccc aagcaaccca cttgagagtt ccactaactt gcaaaaaccc 360
 tttaacaagt ctgaaccaca caaggacaac cc 392

<210> 525
 <211> 209
 <212> DNA
 <213> Glycine max

<400> 525

ggagaatttg taagacttaa ttcaccctc tcttaagtta ttgaggtcac ttggcgcgca 60
 cacagatcaa gaataaagct aagtcttact ctatctttgt taaaagagtc tcttagtgat 120
 tggaaagaat tggcctcaca acattgttct taaattgatt ataaaaaggt tctagaatac 180
 ttttaacaat ttttgataa gacattttt 209

<210> 526
 <211> 431

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 526

tgagcatagc agctntgtta attaccttgt gagagtgaac accaaggcca cccaaatccg 60
taggcaaaca aacctttttc caaaaaacaa taacaagttt tgatcagtta tccctttccc 120
ctgtccagat gaagttttga atccaagagt caattatggt caataatgta atcggccatg 180
cataaatgtg aaacgaataa agcaacaagc tctaaataac aaatttgatg agaaagctat 240
tgtgtgatca acgctcttac aaacaaaatt atccacactc acaacggatc gtgagaatac 300
aacaagatt ataccataga aaaataataa caaataanaa tttaacatga ttcgacacat 360
cttgccata tctacggagc tggttcaaaa atattgtttt atcatataaa taattacaag 420
aatggaattc a 431

<210> 527
<211> 330
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 527

tgttgcagac aaaaatctnt ggctagaatg ccgcanaaat ggtctacaaa acatccatcg 60
gtttttcttg cctgaacact gccgcaacta cctctcccat gttgagtatg gcaggaaccg 120
ccactccaca tcccgtttgg aaattacacc aatgactgaa gaatcaataa gtgactcatt 180
gagagatgta gaagacattt ctttttagatt ctccacagaa ggagactcca agcagaatgg 240
agagatggac actgcagcaa ggcagaagca aattatggaa gcaatcatgt gcagggctctc 300
ttccactggc aagtctaatt ccagttactt 330

<210> 528
<211> 450
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 528

tatcaaacca tatacaagga tcaggatccc ttttatatct aaagtaatta tgttcccact 60

gccatcgaac aaattaaagg aatacccaag aaaaaattgt agagcttaag ttgatgttac 120
 tttttcattt gataataaga tttatttggt aaattgaata gatacttatg gttaatctaa 180
 tactctttat ataacacaaa acccatcaat ttgcaggaac ttaatgttcc tgagcatgat 240
 gttgagcagc tattggtgtc actgattttg gataatagaa tccaagggca tattgatcaa 300
 gtgaaccggt tcttagaacg ctctgatagg tcttgccgtt atattttgat ttgttaaatt 360
 aaattcgtca tattcatctt tcttttatat aaaacataat atntactaac atattcacgg 420
 tccaggtcga aaggaatgaa gaagtacact 450

<210> 529
 <211> 416
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 529

aggatagaca aacagcgcta gnccaatcaa ttgtggggct ccaaactcga tgggtggagga 60
 tgcataaatg acaagcaatt catgggggtc cggataagat ttgaaggtag aggatagatg 120
 aacagcacta ggcaatcaat tcgtgggggt ccagacttga tgggtgatga tgcataaatg 180
 acaagaaatt catgggggtt tggataatat ttgaggggtg aggatagacg aacagcgcta 240
 ggcaatcaat tcgtgggggt ccagactcga tgggtggagga tgcataaatg acaagcaatt 300
 catgngnctc cggataagat ttgttggcag gactgaatgg tccaccgggt tttttccac 360
 cctaaaggcg aacatgtttt atcaaggaan aataaatcat tcatgagagc actata 416

<210> 530
 <211> 221
 <212> DNA
 <213> Glycine max
 <400> 530

gcagaattta gtaatgaccc actaacctag aattaatata acttaatgcc attaacctag 60
 ggaattaaaa caaacttaat ggctgagtgt aactgaaatt gtggcaacca aaagtcaccc 120
 ccaacagcca acaagtcagc caccatttgg tctcccaaaa ggctgatgcc taggttgcca 180
 attgggccct tattacaact cgaactaaag cccttttagt t 221

<210> 531
 <211> 440
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 531

tctgaacatt agctagagcc aggtcaagag gtgagctcgg aatccctgct agaaggtact 60
 gttctgatgc taanactatc tacttgctcc ttttaataat atggaagaac tttagaatct 120
 agttcaatga tcggcgccat tatattgaaa aacatgaatg ctctctttct ttatctctcc 180
 cttgtatata atctctaata actaatttgc caatatgtat cttgccattt attgatcttt 240
 tagatttgca ttaaattggg taccacttgc gtgaaagggg atttgggtct tttgtttttg 300
 ttgggtatctt attgctatct aattcgatgc tctcataaag aactagtgtc ccaattgcat 360
 catgtctaac tgctattatt tatagccatt gcgaaacatg aatgctctct ttctttatct 420
 ctcccttgta tataatctct 440

<210> 532
 <211> 403
 <212> DNA
 <213> Glycine max

<400> 532

tagacggcaa tttcgagcgt ctccatatat tacgggactc aatcagacat ccgagtaaaa 60
 agttattgtc gtttgaattg gcctacaggt tctacattca atatcgagcg tcccgatata 120
 ttacgtcact gaatcggaca tccgagtaaa aagttattgt cgtttgaatt tgctctgagc 180
 ttcaacattc aatttcgagc gtctcgatat attacgggac tcaatcagac atccgagtaa 240
 aaagttattg tcgttggaat tggctcataa gttcaacatt caatttcgag cgtctcgata 300
 tattacggga ctcaatcaga catcgcgaga aaaagttatt gtcgcttgaa ttggctaaag 360
 gttcaacata taatttcgag cgtctcgata tatttcggga ctc 403

<210> 533
 <211> 448
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 533

tattaagggga tcatttgtcc tttggagtgt tatagctcac tttgaactgc ctaaagtgca 60
caagaagtga gatcaaaact aaatgcatga gcatgtcttc gccagctct agcttaagcg 120
tttaagtttt gatgccaagc tagacatttc cattatgtac tcccttatat tattcttttc 180
cttatacttc ggagattcat gatcataaat gttattatct ctgccttctt gtttttggca 240
aagtattggt caatttcctc aagaaatttc tttacatttt caccctcaca aatagagccc 300
cgaaacgctt atggaataga acatttcatt gtcataatgc acattctatt ggaacgatcc 360
aattttctcaa ttttggcctc attagagggt ntcgaagtgg atcgttcact tactaaaaat 420
agactttcaa catcggttat taatcgat 448

<210> 534
<211> 398
<212> DNA
<213> Glycine max

<400> 534
ctgatgcaac atttggagag gttaatgaaa caacgagatg atgcacttca tgagagggtg 60
gatcaaattg agaatataga tcataatgga gaagaaagga ggagaagagg gaataatggt 120
gttcatagac aaaaccgaat tgatggtatt aaactcaaca ttcctccctt taaaggaaag 180
aatgatccgg aggcctactt gtagtgggag atgaaaatag agcatgtttt ctcatgcaac 240
aactatgagg aggacaaaaa ggtgaagctt gtcgccgagg agttttccga ctatgctctt 300
gtgtggtgaa acaagctaca aaaggagaga gcaagaaatg aagagccaat gggtgataca 360
tgggcggaga tgaaaaggat catgaggaag cggtatgt 398

<210> 535
<211> 405
<212> DNA
<213> Glycine max

<400> 535
tcgtatgggc tgaacaggt aaaagggcat ggtataagga aattgacagt tattttctaa 60
aaagaagggt ttaagaagag tgaaaatgaa gtcactttat atgtgaagtg ataaaaaat 120
gaagtgcaac tcattgtttc cttatatgtt gatgatattt tttttatata tagggaatca 180
aatcccttaa accaattcaa gaatagtga accttggaga atctttatga tagatacaat 240

taatgtataa gaaaatgatg gagagctacc atgtcgaaga tcaatacaat aaatataaac 300
aacatttgac agcttctaga aagagaaaac aatcaaaagg caattgggtgt aagtgggtta 360
caaaaccaa gtaattctaa tggttcgcga acaactcact agatg 405

<210> 536
<211> 405
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 536

tccgctntca atgtcgagca tctcgatata ttacgggact caatcaaaca tccgagtaaa 60
aatttattgt tgtcagaatt tgcaactgagc ttctgttttc aatttcgagt gtctcgatat 120
attacgagac tcaatcggac atctgagtta aaagctattg ctctttgtat ttgctacgag 180
cttccgattt caattacgag cgtctcgata cattatgggt ctcaatcggg catccgacta 240
aaaagttatt gtcgttagaa tttactcata gcctttattt taaattntca acgtgtcgat 300
atattacggg actcaatcgg acatccgagt aaaaagttat tatcatttga atttgctcag 360
agcttctgtt ttcaatttgg agtgggtgtcg ataaatgtgg gactc 405

<210> 537
<211> 452
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 537

tgaagagcct cctcaatcaa actgaaaaac ctatatctct caatgaagtt agcaccatc 60
ttttcataaa acttgatggg gagaatattc caatcaagca taaccactt gaccctttt 120
caccatctt ttagggcttg ctttgccacc acagagagca acattctccc aagcccttc 180
gtcttataac actccctcaa gaacaagttc tccatgtaaa accctcgctt ctctagaacg 240
agagagaagt tcggaaaaaa caagacaaac ccaacaatgg aaacacctt gaggggtntt 300
aaattgtagt ttctcgagat aactattact taatgggaat aataaatgaa taattaataa 360
ttatggacta aattataatt gggttaaatt ggaagcagtt ttagagaaaa ctattatttg 420
attggagtag tnggtataag ggtcaatact ca 452

<210> 538
 <211> 390
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 538

ngaggagacg ctgaatcagt tgatgcagat atccatgtcc aactatagga gcacggagtc 60
 ctccaacagg aacctagaga tacaagtggg acaattagcc aaacaaatgg ctgaaagacc 120
 cactggcaac tttagagcca acacagagaa gaatccgaag aaggaatgta gggcggtggtt 180
 gacacgaagc caaatgagag tgcaaggaga agcagagaaa gctgaaggag accagtctga 240
 ggaaggaagg gcagacaaag aagaagagaa ggaggaagaa gagaagaatg tcttaatctc 300
 tatgaccaan atccagctag cccaagaggc tagaaagaag aaccaccagc cccttctaag 360
 gagcctncat atcctttagt actatcgaag 390

<210> 539
 <211> 334
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 539

tgttcttgtg tgctctcctc cacctagatc cttaattgag ccagtaaaca agtcaaagca 60
 gtttggaattg caattgttga agatctgac ttatggaaat tgttgaagag attgtctgag 120
 gcggatgaat ttttcgatga ccgtgatttt cttgattaat ggcaactgtaa ggtctatgtc 180
 ttaatagtga cagctttatt ttattntatt taaaaaaatt gtgcatcaat gtctcattga 240
 cataggactt ttccttggtt gcataaaaact cctttacatt tacgtagaac tctctcgcat 300
 ttgcataaaa tgtagcata tataactatt atgt 334

<210> 540
 <211> 321
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 540

caagcttaat ggatggttgc cttctgttnt acggttcttt gaagggattt cttattatcc 60
tagagaaata ttggtaggtc aatcccgtcc ttgatgattt gcggtctgtt tattcctctc 120
gtttcaggaa aaactaaact atntatatgg gtctttttct tttccctctt ttattgcatg 180
gtttgttaat ggatgtacac caaagatagg gaaacaagtc taaagagagt cattgaaaag 240
aaatccctac ttccacggat gatctatctt tcgattaaaa gcgcttcagc atccatcaag 300
gagcatgttg aggtcaatgg t 321

<210> 541
<211> 213
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 541

attcattatg cgatataatg tgctgtaacc cattaactaac caattcacat tattaagtac 60
tcgtctggta atcatgacac ttgttggtcc aacaaaaatc atttactggt gcaacatata 120
tgattgtcat aattgacaac acataatgac atgcatgcgt attanagttt gagcgcgaca 180
cacattgact gacttgacta cacattctga gtg 213

<210> 542
<211> 394
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 542

caagctttga gccanaatcc tgactcacca tanaccttga cccaggggtga gaatgccaat 60
ccctaccctc ggaagcaaaa aaagaataga ggggaaattt ccaatcaaag aaaaagagaa 120
tgaaaatttc caatgaaagc aaaaaagaaa tgaaggaaaa ttcctcaatc aaagagtggg 180
agaaagcaaa aaaaaggaaa agaaggaaaa ttccccaatc aaagagtggg agaaagcaaa 240
aagaacagaa aggaatattc ccaatcaaag aatgggagac agtataaaaa ggaagaagaa 300
gaaggaaaga atgctcctga tcaaggatcg aaagaaacca gaagaaatgt gcagagaggt 360
ctttggacca tacaatatct gaacagtaca gaat 394

<210> 543

<211> 500
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 543

agcttcttga accgagtagt accgtgctat gctactgtgc gcaacatcgg accacttgct 60
 tgtgcttgan cgactacaca ttgtcaagat gttgcctgag caagatgaaa gccttggaag 120
 aacgaagtgt gcctctgtcg ttgtggatga tatcttcaga gatacctgag tgaactgtgt 180
 ctgaggatat cagacacctt tggactttca aggagttgag tcttatacta tgnatatgca 240
 tatacgtgag aatgaagaca agcatgagtg accatggctg agagtgtgag aacagaccgg 300
 ttactgcatt gtgatcatgt gaaagcatga ctcatgagtg ttatgcatac aatacaccac 360
 atcatagagg catatctgat atgaaacaca tgactatgca tgatgctgct acggtgatgc 420
 ttcatgcaa acacattcgt atatctctcg gtgaagcatg acacagcgtg gtcacgcaca 480
 cagagctcac tgtgagaggg 500

<210> 544
 <211> 375
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 544

atgaagtaac cagctcgctt gagcgagcaa gttactttcg gatgaagcaa gcagctcgcc 60
 tgggcgagct actgtgcaac ctctaccctt catttcttat aaataggcat ggggggggct 120
 gaaggaacgg tccaacattt gaaatcaaga ggattagaga gaaatttgcg agaagatgga 180
 gaaaaaaaga agaaagataa aggttgagac gctttcgtaa cgtttctgtg atcgattccg 240
 agatcatttt tcatcgttct tcgacgggat agtttctatt attgaagcta tgaattcatt 300
 ctatgcaccc ttaggggacc atacttgctt tacatatctt catcttcatt cttctacat 360
 tagngatctt tcttt 375

<210> 545
 <211> 276
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
<400> 545

acaacatcct anatagatta tattatattg tagcananat taanaatann tttaaattta 60
agagagctng ataataaaa aataaataag aaaaagaaaa aatagaaatc ttactaatac 120
taacagtctc tcaataaata ttctacaaaa attcttgaag atcttctctaa acatttggaa 180
agtcttgcaa aaacacaatt ttntntaaaa ataaagtaca nnatttggaa nacaagatca 240
ctaagaatth ggaacttctt aagtccaaag atcgac 276

<210> 546
<211> 428
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 546

atgcaagctt gtatattaga caagtcataa gtcacatgt tcatanaaca aatcatttgt 60
ctaagtcact ggcactaga agtcctaatt ctctcgtaat ggtgtagaac gaatcttctgt 120
gtagtgggtc tgtgaagata tttgagagtt ganttttggg atctacaaat tctagaacac 180
agtcaccttt taggacatga tctctaagaa gatgatgect aatttctatg tgctcgggtc 240
tagagtggaa aactagggtc ttagatatat ttatggcgct tgtgttgca cattntatgg 300
ngatgtggtc taatacaatc ctataatcag atagttgtta tttcatccac agaactctgtg 360
cacaacaact accagcagag atgtattctg ctctcggtgt ggataatgct acaataattt 420
tgcttctt 428

<210> 547
<211> 298
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 547

accagtcac cctcattcag aagtagctct nttcttcctc tattgcctnt agttgaatac 60
acctttgttt ggttctctta ttggttctta accctctcat gcaacttctt tacaaactct 120
gacctagatt ccccttcttt atgtataaaa gaagtgacta gtgtgaggtg aatgaggtct 180
aacggtgtta ggggatngaa cccatagaca acctcaaaag gggactgctt ggtggttcta 240

tgaaccaccc tggtgtaggc aaattctaca tgaggaagat actcatccca agacttat 298

<210> 548
 <211> 376
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 548

ttcaacaagt gtatgaaatg catgtacttc tttatgatga gaaaccactc ttcgtcgtg 60
 acatgttgaa cactntagct ggaaaacact tctttgtgag acagagcaag tctatgcaac 120
 aaagttcttc ttttgatggt gattgaggaa tattagagct tggcttcatt tattcttcat 180
 aagacttggc agatcctact cgaatgtctc tacaaaatag atgttagaca caggattaaa 240
 tgaagtotta aatgtcaact ttaatatcga atcagatcat gattccatct tgcaatcgtg 300
 cgaaatatca gacgtagact ctgcgaaaca tgatntgata acgcatatga tgcaatcctc 360
 ctaaagatgg acccat 376

<210> 549
 <211> 273
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 549

ctgatcaaca catgcacagt ggccaaggat gcatgggaga atcctgaaac cactcatgaa 60
 ggaacctcca aagtgaagat gtccagaatg caactattgg ctacaaaatt cgaanatctg 120
 aagatgaagg aggaagagtg tattcatgac ttccacatga acattcttga aattgccaat 180
 gcttgcaactg ctttgtgaga aaggatgaca gactgaaagc tggtgagaaa gatcctcaga 240
 tctttgccta agagaattga catganagtc act 273

<210> 550
 <211> 339
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 550

gactaccaag ggacatcgga agaagatcgc tgatgtgcca ttattttctt cctatttctt 60
aaccctcttt gcaccattta agtattgatt aatcttaatt gtcaaattaa ttaagcaatt 120
ntattatttg ggcccattca gctcaatttg atgttttaac ctaatttcac gaattaatga 180
agcattgcgc ttgaatccag aaatgggctt ggacttgaag agggcagact attntattct 240
acaaaattnt atcttatcta gactntatct tatctagata tttattagaa ttgatctcat 300
ctagatacta tttcatctag atcttatctt atcttatct 339

<210> 551
<211> 322
<212> DNA
<213> Glycine max

<400> 551

agtgcacatg ggctgtgta ctgcactaa gcctacgatg ctgccttagc acaagtgcct 60
gtattcgcgc tgaacgcggc ttgagatgtg ccttcctcgc gcttagcgtg tgcttctcga 120
tgagcgggct gcgcactgag cagacagttc tctaatacc tgatgtaaaa ccttaccttt 180
tatattggtc tatactctacg tctttttatt tgtatccctc ttttatatct gcgatcatag 240
aaagagaact gtattttaaa ataacataat aatgctaaaa atactttaag gtagtttata 300
taagaaaact atattacatt at 322

<210> 552
<211> 286
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 552

ggagatgaag atgattgana agtactgtat ggattgtgtt tntcatggcg aatatgtgaa 60
tgtatgtata catgatntng atgatgtcaa aagaagaatc aaacaaggct catttgattc 120
aagattaata caagattggt tcaacaaata aagccttgat tcaagatttc ttcaagatca 180
agccttgccct canaatgaaa gggttcaagt catccaaggc acatgtaatc gattaccatt 240
acatgtaatt gattaccaag gcacatgtaa tcattaccaa tacatg 286

<210> 553
<211> 369

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 553

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agcttggttcg gntgatttct ttgataatgt tttgctcttt tgcttagaag gattttcttat 60
tntcctttga ctttataatg gttctcttct accgactaaa tttcctcatt tatgagggaa 120
gaatgcgtct gttttatgta ctgggttagat gagttcgtgc caagcttgaa tgaattctta 180
agaggggtgtg ttttcaaagn ttatacttta ctctgtatcc tcttggtaat ttcaggggttc 240
aagtgccatc ttcagcgtcg atcttttttg tgactcaaga gancacaaca tcgatcttac 300
tgctggngac cttatcaatc gattatcttt ccaggtattc tttacctttt actcgaattg 360
ggaaattca 369
```

<210> 554
<211> 526
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 554

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aggggnnnnn nnannnccgc tgtcatgtnt tccatttatt tttcanctcg gnancancca 60
agacnnaagc nanatcctca gatggctcnt gtaggactag acttatacca acctacacca 120
tgggcacaac atgttgcaat cgaaaactga gtccgcacac ccctaactta agactaagtg 180
gcagtgatgc ttcatgcaag tgctggggca acagtacatt taccaatgct aaagtgacgt 240
aactaggcac acaaatggat gatcataccg agagcataca aacattaaga actgaattaa 300
gcattgaaca caggaaacac agtcaactag atgtacaagt aatgacatta gactatctac 360
agaaatcccc agcaaggggtg ttcagccagc cattacagaa aagctctaac agtgatgaga 420
ttacaaaacc taggcctntt tgcgaaagat gtcaccttg ctgcctctag agcgggtattt 480
cgagataaga gtagggcgcg ctcttgaatc attgcaaagc atctcn 526
```

<210> 555
<211> 320
<212> DNA
<213> Glycine max

<400> 555

agcttttact cactgttttc atcagatatc atttcccttc acgagataat cgcccccttt 60
cagatttctt ataatgtcgc aagaatcagc agctccgaat tctgtatttc gattctactc 120
ttgaagtagt attgacacat gccctttcgt gacaatttta ctgctatcgc cattcttatg 180
ctcccataat atgaggctat actatgctta tcttaactcc gaacagtgtt gcgttatatt 240
tatacaaata tataccattt atactcacag tacgtatgtg aggggttaat tcctctaact 300
cataagcacc attcgaatag 320

<210> 556
<211> 330
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 556

gctctagccc tcgaattgtc aacataactt cgctagagaa actctagcga gtacatcgtg 60
catatggaga acatctngta nagcccctgc acatagacca aataaccatc accaaactat 120
ataattatgg tggaagtgtg gaacaacata aagatggcaa gttattaaaa tccataaagc 180
cttatatctt agcagaaaaa ctcagaaatt agttaagcaa acatgttcca catatatctt 240
gattctatgg tttattaaat aacagaagtg gagttnctct tcatgcacag tacacacttc 300
aattatgaga cagatgttaa gtaatttaag 330

<210> 557
<211> 303
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 557

agctntgttc cctttgcttg gatgtttgaa attctccaaa ttagtgactt aaaaaatggt 60
catacggcgg gttttggagg ttcacgtgat ataccctctt cttattccca aatgagagga 120
ggccttactt aaaaccttcc cagcttcctt tccattgcta tctcatccat ccaaacatat 180
ctagctcaat gagaagggat ccaggctttc attaactatc tagctgttat acaattgtta 240
tatgtttcaa tgttttttgt gtatttcttt ccattntctt gcccncaact ccacatgttt 300
ctc 303

<210> 558
 <211> 213
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 558

gcttattatt attccaataa ctntgtgtgc ggaacaataa aaataacact cataaacata 60
 ttaaaaagca tttaacaatg aggaanaaaa tgtcatatac caaacaagaa gaatagccac 120
 aagagaataa caataaaaata gtattttatt tctaaatcta cctncttatt acctaatag 180
 ctcaatctcg caaaattgaa aatgcacaat tga 213

<210> 559
 <211> 311
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 559

tgcgctaagc cactgctgtc ttgcttagtg ggatgggtctc actaatcgca tggttcaggc 60
 ttagcgagac aacactntnt gaaccttcat aattntctcc tttttacttg aanatgaagt 120
 gaaatttaca ttaaattgaa taggaaggct tctagtgagc acaaatagata actaaactag 180
 aaatatttac aatcctacca aaaaataacc ataaattggg agaattatnt acattntgga 240
 cactnttcta tacaaaaatt agtcgtaaaa gacgactaac acatagtcac atatgttggt 300
 atgtaagtag t 311

<210> 560
 <211> 375
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 560

ttcttaataa actnttaatt ggggtgcaata tttatgatga taaattattt cttttgaatg 60
 atatattatt tgtataactt aatanaaaat ttatataatt taagaaataa attgtataat 120
 taacataaac atatttgata aataaatata tcataataac tctcaatatt tgtcttacga 180

gaaatataaa catacattca ctttctcttt catctcattg tgcaaacatc tctctattta 240
 tttttcatta gactacttat actctattac ttatttaata ttgagaatta atgtgcgaat 300
 aactcatgag aattctatat aaatatactt tatactatga aaatatattt caaatactta 360
 ccggcttgga aatga 375

<210> 561
 <211> 335
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 561

tgtatggaga tctgagcact tcttctctct atgtcttcac aatcatctct taggcggaag 60
 ttgcagaatc atcatgatga agatactata ttcnacacgt tatcgttgat attttggacc 120
 cttaccttga ttgcattgct taaatatgta ttcatactat tgtgtgctga tgacaacggt 180
 gaacgtatgc tgctgataac tttattctct tagataattg ttcttataca taggttacga 240
 tctgtgtgag tgtgagctga gtatgatact tgtgtcatca ggtggaacat ttgcctttat 300
 tcgctgctgt ggatgcatgc cacgcttaaa ttact 335

<210> 562
 <211> 298
 <212> DNA
 <213> Glycine max
 <400> 562

gatctaagaa taggaaaact taattatcct acttggatga atatgaagct tgaggaacat 60
 ggatagaata agaatgaagg aagaaccgt gctattgact gtttgccta catggacaaa 120
 tttatgcct acttaactat gtcaacactc aaccaatatt gattcttctc attgccacc 180
 accctaccag tcaagaacac ccaatcatcc acaagggcca cccctaaatc agccgcacag 240
 cctgctgtgc ggacatacga tatcaaacac cactcttaac acataccatt acactaac 298

<210> 563
 <211> 270
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations

<400> 563

cttcattcaa catgtcatat gaacaggana gantatacaa attcattaac aatcaagtca 60
cactaaacat tacaggacaa cataagccaa cctaaaatcc tagaatgcaa acctaaaaac 120
cagtctctga attgagcaga cctaaaccct aaacatctaa cttccaactc tggaagccca 180
agaacaaaact tcccaaagat caaatcccaa acccaacctc agaaccaga aacgtatatc 240
tagctacatc atagacaaac agatgacagc 270

*

<210> 564

<211> 339

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 564

tcaagcttca gactttcgat tcggagtaag ttcctattct tgagattgat tttattatac 60
ganagtaaag gtgaggggtca ccaccgatat ttatgtttga attggataaa gtcattaact 120
ggtgtattgg actaaaatac tattaatata ttttgacata acaagttgta cacatgctac 180
aagattatgg cagaaattat cctgatagat tttttaaaga tttatgatag atttatagtt 240
cattatattt aatggattat atgtgagaat caaaacattc gaagtattcc tatgaatctg 300
cacgatctga aagagtttta ttaattctct ttttaacaaa 339

<210> 565

<211> 515

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 565

aggggnccat gacccatatg atangcttag nattnttcaa ancattttgc aagaaantct 60
gctangacta tatatatgca tttttgtgta tgaaaacaag ttatcagatg aagctaggag 120
taggtggagg ggggtttaac tagtaattac cgctcttatt cacaattaat tagccttata 180
tattttttcg ggggacggtt ggtgctggtt cgaatcgaat gaaatctctc ttctgtagtt 240
tgccaaaaat agtttcttga gatcactttt atatttttta tttgtaattt cattcttggt 300
gaaccgtgaa ctacatcacc atcttctatg aataaattac ctctaattta tgggcttatt 360

ttctctctgt ctataaaaga ttaattatga ttcttaataa aataaatatt tttcttaaag 420
aaataaccac tataacatta ttagatcctt taagaatgtg aagagacttt ataacttagg 480
cgtatcttag agtgcattat ggaatttatc caaag 515

<210> 566
<211> 206
<212> DNA
<213> Glycine max

<400> 566

gctagacatg aggaagcgtt caagggtgaa acttcctgct tttattgttg accacagagt 60
ggtacctgga gatatgtcgc ggaggtcacg agacctgtgc gacgtcaggt ggtgtgctat 120
tgcccaaac caagcttgac cacatccga cccaaccgg gcatagtggg acagtgagaa 180
cctgtgatgt acctaagcag gcgagc 206

<210> 567
<211> 314
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 567

ggttgaatta agatatcaca tactntntct tnaataanaa atctattttg attntaacc 60
anatccaag aattctttca naatgaactc ctaaataatt atgcannata aacttactga 120
atagaagcaa taagcaataa ccaataaaag agtttaaggg aataaagaat gcanactcag 180
aattatactg gttcgccac atccttgtgc ctaagtccag tccccaagca acccgcttga 240
gagtnacta tcttgcnaaa gcccttacag tctgaacaca caggacacc ttctttggtc 300
agattgttac acaa 314

<210> 568
<211> 340
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 568

tgtgtcgtct gcatactgca atatgctgac tntgaattca tttctgcca cattgaaacc 60

ttgaaacagg ttnttatcca ttgcttcttt cnaccagcgc gttggtcctt ccacaagaat 120
 gttaaacagg aacgngata gagggctctcc ttgtcttaag cctctntggn gaataaactc 180
 aggtgtagga cttccgtaa ccaatatgga tatggaagca gactttatgc agccttcaat 240
 ccaagttacc cacctgtcac anaaacccat cctcttcaac aaatatagta caaactccca 300
 agatactgaa tcatangcca ttntataatc tactttgata 340

<210> 569
 <211> 240
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 569

caattggaag tgatcatgga ggtgaatntc ataatgagtc ttttgaacac ttttgtgaag 60
 aacatggaat tcaccacaat tcttattccc caagaacacc tcaacagaat ggtgttgttg 120
 aaaggaaaaa tatatcccta taagaagggtg caagaaccct tctaaatgaa acaaggttac 180
 cgaagtactt ttgggcagat gttgtacata ctatntatta caccttgaac agagtactta 240

<210> 570
 <211> 351
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 570

tgcacaagac tctttaatat tgaagagtat ctttgtggaa ctttcttccg acgaagacac 60
 tgacaaaaac ttatcttctc cttcttggac aaggtatgtg caggctgggg caagtaaatt 120
 ttcttcccat cagaccttgg atgcaattgt gatcgtatac ccatatcagc tagatcttga 180
 tgggtattca agccatcctt cgtcttgcct tgaatgttaa ggagcgtnc aatcacattg 240
 tcacaaacat ntttcttcac atgcataaca tcaatacaat gtctaacgtc aagatcacac 300
 cagtacagaa gatcaaagaa natagacctc ttcttcatat gcaactctga c 351

<210> 571
 <211> 421
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 571

agctntgaat tctagtaaaa aaaaactcct catacatatt ctaataactca tgcattctttt 60
 acattcaaaa ctggaaactt agattcctag ccatgagtc a tccttttggc actgtagttt 120
 agcttctaca aactaccac acactcaca tgtgcacaat ttgtttcgca agctaaattc 180
 cacaaaatca tccgcaaag ccattgaggg atttcaccga acacttggtg ggcattatgtt 240
 taagcatgaa aatcaaggga atgagggcaa tgtggcttgc cccattatct cagaatgcac 300
 cctatgccta aggccatacn ctacaacccc acaattcaac aaaaacaagc aaattcaagg 360
 atacatccct tcacgtttga gcaaataat gcaacttaga gcaccaaata atatcaatgg 420
 a 421

<210> 572
 <211> 232
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 572

atatcagtat aactctgata tggcttacga ccggactcag ctgcagaaca tggttaaaaa 60
 ggatagcgag tcctttaaa agtacgctca gctgtggagg gacctggcag cgacgtagc 120
 ccctcccatg gtcgaaaggg aaatgattac catgatggta gacaccttgc cagtgggtta 180
 ctatgagaaa ttagtanget acatgccctt cagcttcgca gacttggtat tc 232

<210> 573
 <211> 317
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 573

atctagaggt atacctagga tctctatcag acactatgct agatggcaca ccatgtaata 60
 tgacaatctc actaatatac agacaggtca actnttccaa ggaagatatg atattaatgg 120
 gaataaagtg agcagacttg gtcagcctgt caacaataac ccacatagaa tcaaaacctc 180
 ttgggggttct aggtagtcct acgacaaaat ccatagaaat atatgtccat tgtcactggg 240
 tatcttcaag ggggtgtaact atcctgaagg gctctgatat cttatactta tgacagacta 300

aacatgcata cacaaac

317

<210> 574
<211> 180
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 574

agcttgaaaa ataaatattt aataaaaata tatttattta ataaaaatat taatttttgt 60
ccaaaaaaat tattaaacta aaataggtgt taatttaaaa ntgggctttc tgccttaa at 120
aagctggacc ggccttgaa tgaaataatg ggaaataaag aaatttggtg aaaagtattc 180

<210> 575
<211> 380
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 575

gctgccactc aagagacatc tcacctatat ctntatttaa aactatcatg tacatctgtc 60
cattattcan aaataacacc atctaagcaa acttaactga gtagagacta gtactctoct 120
tcttccatac caatatgtcc tctcaatca gaatcaaatt aatacttcta aagtcattgac 180
cttntatcta agtaaattat tataatntatt tctcctaag atagagat ttctncattc 240
ccatcaccac aatcaatntc cctccctccg gtcacctaaa ctttgacacc ctggctttat 300
ggctactaca anggtgtata atctagtata ctctctatat gtgaaaataa aaccacttca 360
cccgaacgtc ttgagaaaat 380

<210> 576
<211> 147
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 576

tcaagcttct tctggacctt gaacaagcaa tcaactttct ctgtcacaa catgctatgt 60
gctcgcgact ggtccctttc ttcccttcgc aacttgagct cactattgct accccataga 120

gctncgagaa atttgttccg gccatac

147

<210> 577

<211> 324

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 577

caccgggtcac gtgtctacta tcattgttat aatctctntc tctggtttgg ggggtgctact 60

tgagttgccca agcctctcca tctttgngcg tgttctttga aagatccgtc cncctatttg 120

cacacgttct gtagttgcat cctatccgaa gacattatac tgacactgcc taacgaaggc 180

caccactagg tccttccaag aatggactcg ggaagggtcc aagttagtgt accaggtaac 240

agctaccag taagactttc tcaggagaaa tgtatcagca gtttctcatc ttttgcgat 300

gcacgcattc tccgacagta catc 324

<210> 578

<211> 215

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 578

gatccanaat cctgactcac catanactct tgaccaggg tgagaatgtc aatccttacc 60

ctcggagca aaaaagaaaa gaaggaaatt tccaatcaaa gagaaagcag agaaaaaaaa 120

aaaagagaag ataggatatt cccaatcaaa gagtgggaga aagaaaataa aaggagacga 180

aagaattttc ccaatcaaag aatgcgagaa agtat 215

<210> 579

<211> 270

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 579

ccaaaactca ttccgtagat ccctcttgta agactaagtt tcaatcttgc ttcaatcaag 60

ttctaaggca acagtacatt tccaatgct aaagtcacct aactatgcac acaaatggat 120

gattagacca aaagcataca aacattaagc attgaacaca aaaaacataa tgaattagat 180

attaagtatt tacatcagtt gctcattaga aatccncaac tagggtgtnt agccagccat 240
 tacagaagag accctaaca taataagctt 270

<210> 580
 <211> 440
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 580

gatgcaagct tgcctctaca gaggcataata tacgaanaat aatccacaca cacttgtaca 60
 aataaaaaga ataataaatc cacagcaaca accttatctc tgtagccgtc aacaccaatg 120
 ggcgaggtct gtataaccat tctctnttcc ttttcttttc ttcaattacc atcaatgtat 180
 cattccgggt tctgattttt ttttgtgtta taaatacgaa gagaaaaaac tagaggaaaa 240
 caaagtggaa gagaaaaaag cacaggaaga agaaaagaaa gaagaagaga caaaacagag 300
 gaatcaaaag atggcaagaa atccaacgag gaatctgcgc caccagaaat cgtgcaaggc 360
 acaaccttca caatgcatga acactttaag cagcatttct gacatctttt ttaagntaag 420
 gactaaattt gcacacttat 440

<210> 581
 <211> 368
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 581

gaggagaga cagagagagg ttgtagcacg atatttaatg aagannaagg gagagaagtt 60
 gaactttgag ttgtgtctca caagactctc attcatcaga gttacaacaa gtgttacata 120
 tgcttctata tatagactat gtagcttctc tgagaagctc tcttgagaaa acttccttga 180
 gaagcttctc tgagaaaact tccttgagaa gctagagctt agctacacac acccctctca 240
 taactaagct cacctccttg agaagcttcc ttaagaagat tcctagagaa gctagagctt 300
 aactacacat acctttctaa tagctaagct caccttcttg agatgagacg ctagaactta 360
 gctacaca 368

<210> 582
 <211> 307
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 582

gtcgcacacgt gcccttcgcg ggcgagcgat ggcgaggctc acgggtgctc tttccaaagg 60
 aggaaagatg cgcggagtcg ccaccaacgt ttatttgtgg aaaacgtctg ataaaaccga 120
 aggaaactgg tcaaaaggaa aattctaagt tcgggagttg tatttacgct tgaggaaggt 180
 attagcacct cacacgtttg tcccatagga caacagtcta ttttttagaa ttgcggaatt 240
 gtgttatctt aacctttagt tctttttatc ttttgaggctc aacanaagcg gggcttttgc 300
 tcctaca 307

<210> 583
 <211> 361
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 583

tgccggtaaa tgtcgccaag gtagatataa ttagaagccc tcgctggtga attagtgaac 60
 ccagaatcat aagagaatat gaagatggag gaagccgcag gcagtggcaa cagtgcgggt 120
 ggcaacaaat ggtggtggng agtggccagc gctgctcana tgggaatgng aattcgtacc 180
 ttcgccaaag ggcacggagg cgattcgctc ctcattgcctt tcanagcctt cgtttagct 240
 tccctcttcg tcagcagcgc cgccttcgcc ttcgttctac tctccaagc taacggcatc 300
 cacagggtac tactgctctc atcttcattc ccatttctgg tttctaactc tctntatgtc 360
 t 361

<210> 584
 <211> 201
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 584

catcatcatt gtaactatag ctatccatta taaaatagct tagacaatct aggtctgctg 60

cttctaaacc ttntatttat ccttgaagca gctcaatggt ttttatttcg cgtcaactag 120
 tgaagagtga aactgaagc tgttctgcag actcattgat tttccttcat tgcgacagaa 180
 cctaaccata ccctgccctg a 201

<210> 585
 <211> 198
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 585

acacacccct ttatactaaa tgcaccccc ttttctattt tgtttgaaat tctttntccg 60
 taacgttacg aaactttacg aatctcgtaa cgatacttat tntccttccg cacggttacg 120
 aatccttacg gattatgtat ttactctnnt ttggctttca aagaagttac ggacactcac 180
 ggattgcgca aaaacacc 198

<210> 586
 <211> 399
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 586

agcttggttn tgggtcaatag caccacacct gacttccnca aggtctactg atcctcgcaa 60
 catatctcca ggtaccactc tgtgggtcaac aaataatagt aggaagattg actcttccat 120
 gctttctcac atcaagctta ttggattatg gcgcacccgt catatgtggt actaggtggc 180
 aatcgggcga tggcacaaat caactatcac atttccacaa gccaggcata agcacaccat 240
 ccncagctgc ccacctttaa atttagctca cgtgcatgta cgtagccttc tctcgttcc 300
 tctcagcacc ggttccccat caacccctc aagctntcac aatatccaat caattcaatc 360
 ccatttgtca tgaaactacc ttaaacaaag aanaacaga 399

<210> 587
 <211> 314
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 587

gcttgaatcg atacacacat actgtaatcg attaccagag cagtatttca gattatatattc 60
 tcatcagtc canntctttt attggttctt gaatggccat canaggctta tatatatgtg 120
 acttgagaca nccaattgct aagagattnt cagaacanna aggtcttatt ctcttanaaa 180
 gcanaatcgt ttcattctct taanaattcc ttggccaaaa cacttgatgat tcaataagga 240
 attagttgag tgctcaaatt gttcaatcta tctcttcaaa gagagaatac ttcttctctt 300
 cttctntatt ctga 314

<210> 588
 <211> 383
 <212> DNA
 <213> Glycine max

<400> 588

tgagagcgcg atcttatact gtgagagaac gactagctgc gagtaataat ctttgcattca 60
 atctctgaat tctagaatga aatgtataaa tgaggacatg atgaatgcta tgattgcaca 120
 tacacaaggc ttttgaccaa aaagcttacc ttgaatgata attatattct tcgcaccctt 180
 tatgagctga atgatattgt caaagatttg aacctgaac ttaaataata acctccagat 240
 accttgtag attctaggag agcatatggc tcaaggcaaa ttaccgcaaa tttgcggagt 300
 ggaactaatg ggatgcaaga aagaaataaa catcggcaca acaacacata tggttgtgat 360
 aacaataaag gagaatgaaa agt 383

<210> 589
 <211> 425
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 589

gctctcttag tgggtgttct tgcaagcnn cttgttactt gtattgattg ttattntcct 60
 gtgttgtcaa agccattcaa tttacatat agttgagaaa ttgatcatca aatgtatgtg 120
 catganaaat atatattgtg agagatatgg gccttttcat gattagtnt ttaatccctc 180
 ccagaagcta ccatggccac ccataatana tgccattcta aatttttgag tttcttacia 240
 attaagtatg gacaatggac ctaagtgaat ggatttgacc tacgatagtt gatataattct 300

tgatagttaa tatctgaaca ctcaacttatt ntatacactn catcaataat cattttttct 360
ctttctatca tatcatctat cttatanntt tttttctttt tgggtcattc tctctggctc 420
tatct 425

<210> 590
<211> 318
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 590

agctttagg attatggtgt acccatcaca tgttgtacta ggtggtggc gggcgatgga 60
gcacaaaaca ttttccacat ccacaatgcg cgcataaacc caccatccnc tgttgccac 120
ctccaactga gctcacgtac tcccacgtag cccatatact cgtttctctc aacaccgggt 180
cccatcaat cctcccaagc ttccacaaca tccaagcaaa acaacattcc aacagcacia 240
gctatcacag ccaagcataa cagagcagag gcagaaaact ctgctcaaca catcaacaa 300
aattacagct tttctcac 318

<210> 591
<211> 357
<212> DNA
<213> Glycine max
<400> 591

catgcatgct tacattccct ttagcattca ttattgaatc atttcagcct ttgctttcgt 60
gtagcttagg aaaaacgcca tgtattctcc tttctttctt ccaaagccat ttctaacatg 120
ccaagcactt tctccatcac ccacatccac cattagccac caciaaacat cgttgctctc 180
cgggtgaaacc ccacaccgat aggaaccctt caaccaaagt ggaatcttac aacttggctt 240
gcggttttg tagagaacga aaccctaate tgaccttttg tttttatcga gaggattgag 300
ttgaattgat gagcaacgac gaataagaat cttcaagtga cgcgacgagg aaccgc 357

<210> 592
<211> 172
<212> DNA
<213> Glycine max
<400> 592

acttctgctt tagttagacc acatatgtac ctgagaatgt cgcggggtca ggagacttgg 60
gacgcaggcg ggtgctattg ccaaaccaag cttgaccaat cccgccaac cggggcatag 120
cggcagtgag aaccttgatg tcctaaacgg cgactcctgg cagcaacaga aa 172

<210> 593
<211> 285
<212> DNA
<213> Glycine max

<400> 593

tcttcttget tatggcgctt ctatggagcg tggatctttg agcttcaatg gagtccttta 60
atggtgattt ttcaccatgg agatgcagcg gaagacatag gataagaggt gataggacgc 120
accatctatt aaggaataag ccatggaaga aggagcttca ccaccaagat gatccttgga 180
ttacaagctt ggagattgat gcttactgga ggaaaagata gagagaacga gggagcacga 240
catttgttga atataagagg gagagatgtg caactttgaa gtctg 285

<210> 594
<211> 495
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 594

tgcangtgaa cccctttaaa accgtggtaa ntncntttg gantcacgcg aactatctta 60
gtactcaagc ttaatccaca nagtccacga ttttatctgc atctccttta aatgaatgcg 120
aagagaatga agttgtgcat tttgctttgc caacaggcaa cccaagccca tgagaccatt 180
cctatcaaac aatcactcat tcaactcacat acaccacaaa cctaatttgg agtctcgaat 240
gcttatcctt tgagcactca cagtacgatg cccctcctcc tactcccgcg agagtaacga 300
gagcatgttt ggtgaccctg tccaagaact tacttcttct tagagacaca cagtcgtcgc 360
ctcccttcct gcaccgagag taaaaatgca ggggtggtgag cttaccaaaa actactctcc 420
cggggccggc ctggttggtc gacctgtact cggagtatgc atccgtgcct cctctgccga 480
gggatggacc tgccg 495

<210> 595

<211> 390
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 595

agcttaacca agaaaaaggc taacaatggt nttatgcaca attgaaggaa ataaaattca 60
 gaatttagga attcaagtaa caatccttca tacaaccaat atattacctt aaagagattt 120
 ttttttanag ttcttcaagc atcaaccatt caacccaaat ttgtctctct ttnttttttt 180
 ttttaattnt gcttatacga atttctgttt tttttttata acaaagagat caaaaggctt 240
 aacttttgca atggttcagc ctaaaaaaaa aacatgaaca agaaggtaat ataaatggca 300
 aagaaaataa agaaggatgt tacccaatat ttccagcaaa ggaagtgttg atcctagaat 360
 cggaactctg ataaccaaat gatatgaacc 390

<210> 596
 <211> 318
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 596

cacaagtgag tttattcgat tattagagtt atctctttat cttaggagag tgattctctn 60
 attcttgggtg atcaagacac tctgctgac naggacttca caccttgtgt gtgccctcct 120
 ggnagagtgt tctttcttct atcatctcac cttgtctttt accacaattc agaaatcacc 180
 ttgccaaata tctgtgacat actccattac aactcaata agtattttga cctaataaat 240
 tcaaacagac tttactcggt gaataacctca tggacctgac ttcgtatgca tttatatttg 300
 tcgcacacta ccacgtta 318

<210> 597
 <211> 396
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 597

aagctctact aaataagcct agacattaaa attttgatag anaaagtcac atgcatgttc 60
 cctgtatata gacaagattt gagttgagat gaactgaaga aagagagggc atatttagta 120

ctctagctag tcaaagtgggt atatatatgt ctaataacga acctgggtgct ccataatttt 180
 tgcaccccggt gtccctgtttt gttgaatctc tccctccaac ctaaagttat atagtcagtc 240
 aaaaaagag tagtaacagg gttaagcata tatatgtgtg ttatgtcagt tatctttcac 300
 aaagcagtat atgctatata tatcgctcac agatcaaagc tgacgatagc taaacttact 360
 ccaataggtc tgatgcaaga acatactcat tcatgc 396

<210> 598
 <211> 511
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 598

cggaatgaac catgtagnac ccatcactat tacgtaataa gtctacagaa ataccagtca 60
 tgcatactctc caatcaatcc acgggcttat ataacatgca aggtgtttgg gccactaaca 120
 tgaaccacat tcataacca cctgtcaaga ttctgattaa tcaatgctgc tgcaaactctg 180
 caaaactcaa tatattgaag attgaagatt ctcataggaa aattcctaaa tgcatactca 240
 taacaagaaa gtaaataaga caaaaacaat accctccaaa acctgctcgc atgtccataa 300
 catttcttaa tctgatttct ttccagtgtg aaacacgaac atagcttgct attatttcat 360
 tccagtattt cgaatctgcc ctaaaagct ctgatctgga tgtgaaagca tcaagctnta 420
 tgctttgaag cctatcatgt ggggtttgca aacgtgcatg ccattagtaa catttgctca 480
 tatccgttct tatgcattca gagatgcatg t 511

<210> 599
 <211> 415
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 599

gagggactca tggtcactat gaatgacaaa ttccgtggga taaaggtagt ggtgccatgt 60
 tcccacagcc cgtactaagg catacaactc cttatnataa gttgaatagt taagggtacg 120
 accacttaac ttttactaa aataagcaat tggatggcct tcttgcatca acacagcccc 180
 aatcccaaca tttgaagcat cacactcaat ttcaaaagat ttttgaaagt ttggcaacgc 240

aagtatggng gcattacgta gcttttgctt aagaacattg aaagcttctt cttgtttctc. 300
 tccccatttg aaaccaacat tcttcttgag cacttcattg agagggtgctg ccaatgtgct 360
 aaaatccttc acaaatcgtc tatanaaact tgctaagcca tgaaaactcc tcacc 415

<210> 600
 <211> 451
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 600

tattgtagcc gatgctctgt ctggcgctca tgcattactt tctatgcttg aaacannaat 60
 gattggtctt gaatgtttga aaagcatgta tgataatgat gaaacttttg gagaaattct 120
 taaaaattgt gaagaatttt cagacaatgg tttctttaga catgaacgct ttcttttcac 180
 agaaaacaaa ttgtgtgtgc ctaaagtgtc tactagaaat ttgcttgatc gtgaagcaca 240
 tgangagggt taatggtgca ttntgtggc caaaagactc tatagacatt acangaacat 300
 ttnttattgc ctcatatgaa aaaggatgtg cagacactct gtgaacatcg cattgtattg 360
 taaaatgcaa gtctaattgt aagcctcatg gattgatact ccattgcaat accgagtatc 420
 ttgattgtta tcatggattt gtttgggctg c 451

<210> 601
 <211> 322
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 601

tgcgcatact tcttcacgaa cgttcacttg cacaagacat tcttataact atgtaaaatg 60
 aacctatata ctattaatgc accttcgtta cctagattat ttacatgtac tatcaacgtg 120
 tatgtgttac ctacatcaca cacattttct ttgctagact cacatacatg cataactctaa 180
 gcactgtggc tatcanaaat tgcatacgtg cacatcnttg gatctctaata acctatacat 240
 acacaaactt cataatgaat cttgactatc tacacaataa ggcgctacat ttcattgtgt 300
 ctttcaagtg ttgtgactac ct 322

<210> 602
 <211> 279
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 602

gatgatgacc gataacccaa agaatgattc gaagaatgag tcaacaagtt caagtttcat 60
 gagaaganat caagaagatt caagaatcaa gagaagtttg atttcaagat tcatgagaag 120
 atgaattcaa gtttcaagag aagaaatcaa gaagacttca caagggaagt attgaaaaga 180
 ttttcancaa acaaacatag cacagttctg ttttcanaag agttttcttc acaatttcta 240
 gtaccagagt tttactctct ggaatcgata ccagttcct 279

<210> 603
 <211> 272
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 603

gtctcaagac tggactaata catntgctgt ccaagtttta tggctcttgca ggtgaagatc 60
 ctcataagca tcttatgaag ttccatattg tctgttccac catgaagcct cctgatgtcc 120
 acgaagatca tatctttcta aaggctcttc ctcatctctt ggagggagtg gcanaagaat 180
 ggctgtacta ccttgcttcc aggttcatta ccagctgnga tgaccttaag aggggtgttct 240
 tggggaaatt cttccctaca tctatgacca ct 272

<210> 604
 <211> 512
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 604

tggggnatga gactcctgat nacgtcttgg antttacgga cncatttcaa tactcaagct 60
 tgtgaagtat gtatgttaat gaggaggagt ttaatgtggc attattggac ggatanacgg 120
 ggtgtcttag taggatggtt gtgcccgcct acacactcat taatatttta taaagtgtaa 180
 aaatgtatgc ttcaacattg aattctgaga tagagcacga agataatatc taactgatgg 240

cttaaattta ttgataagag ggagtagtct atagaaaagg tgtactttat acgatgaagt 300
gatttttata aatgagataa tggcttagtg cggctaattg tgataataaa gaatttggtg 360
tttgtgaaca ctattgtag gacattgggg atatttttgg ttctaatact gtaaacgatt 420
acatgtaa at tttctattgc ttatatgata aggctgaatg aataggtgta aattaatatt 480
aattataatc ggagttttat gtctgtatct ag 512

<210> 605
<211> 394
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 605

ataatgatgg tccgagntat gttgtggagc ggntacgaac ccggaatggg tttaggcaaa 60
gacaacggcg gcataactag cctgataaat gccaaaggaa accgtgggaa gtatgggtta 120
tgctataagc ccactcaggc aaatataaag aggagcgttg ccggaaggaa gagcgggaagt 180
caaggctcgc ggatgagaca agaaggtgaa ggaaaccac cctgccaaat aagtaagagc 240
tttataagcg cgggtctgga ggacgaaggt caagtcgtca ctatatatga agatgatgct 300
ccgagtacgc tgtatttggt acgaccatgc ccttctgatt tacaactggg aaatcggcga 360
gaggaggaac gccccgactt ttacgcgaag agca 394

<210> 606
<211> 369
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 606

tttctctaca atngcatcac ctctcaatga gctggtgaag aagaaatgtg gcattacctg 60
nggtgaagaa caagagcaag cctttgcttt gctcatagaa aagcttacta aggcacctgt 120
tctagctctt cctgactggt ctaanacttt tgagctagaa tgtgatgcct ctggagtggg 180
agttggagct gtattgttac aagggtgggca ccctattgtc ttatttagtg aanaacttca 240
tagtgccacc ctcaactacc ccacctatga taaagagctt tatgccttaa taagagccct 300
ccaaactcgt gaacattacc gttgttcaag gaatatgcat tcatagtgat catcaatcac 360

ttaagtaca

369

<210> 607
<211> 367
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 607

agcttgccctc anagatgtcc aggaaggaca atgtctcaga aggaactagt tccgctccgg 60
agtatgatag tcaccgcttt aggagcgcgg tacaccagca gcgcttcgaa gccatcaagg 120
ggtggtcggt tctccgggag cgacgcgtcc agctcagggg cgacgagtat actgatttcc 180
aggaggaaat agggcgccgg cggtgggcac cactgggttac tcccatggcc aagtttgatc 240
cagaaatagt ccttgagttt tatgccaatg cttggccaac agaggagggc gtgcgtgaca 300
tgagatcctg ggtaggggt cagtggatcc cgttcgatgc cgacgctatc ggccagctcc 360
tgggata 367

<210> 608
<211> 280
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 608

cttatcaagt aaatggatca ttcttaacgt ccaacgcctt ataatgatca cctttcangt 60
aaaaagaatc gcttgattca cgcttaagaa agaactacat aggttcgatt tctcatcga 120
tggagggtac gtatgagcaa aagccccgct attgtcgacc tcataatata aaaagacata 180
atagttaagg taatacatat tccacaattc taaaaaatat gttgttggtcc tttgagacaa 240
acgtgagagg tgctaatacc attctcaaac gtatatacaa 280

<210> 609
<211> 394
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 609

agcttggtatt tcaaataatta tgggtgtgcgc ttgttgtaac atgttatggt tgctactgat 60

ttttaattct ttgacccttt gaatgaccaa attggctttc gatgtcttca tgagacttgt 120
 agagaatttt atcctttaca ttcaagcact ggtatcatgt tatttggacc attacaacat 180
 aatcaatcct tanagcattg cagttntggt atattgtgag gacaaactga catctctatc 240
 ttcatggtea gtttcttcca agatccaagc cttatttgcc catgacttct ccataaaaga 300
 tatatatatc tttctcttag ctntctacaa ccaactgagat catcccaaatt tcacttttgt 360
 agctcaagta gttntcaaatt tattgcacac atat 394

<210> 610
 <211> 525
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 610

agtgatgnnn ttgaaaccc cagtaagtan ccnttgcttg tacgcgatac tatacactac 60
 tcaagtgcgc catgccnctt gatatacttg tgggactcat ggtcactatg aatgacaaat 120
 tccttgggat aaaggtagtg ttgtcatggt ttcaaagccc gtactaaggc atacaaatcc 180
 ttatcataag ttgaatagtt aagggtagga ccaacttaact tttcactaaa ataagcaatt 240
 ggatggcctt cttgcaacaa cacaaccca atcccaacat ttgaagcatc acactcaatt 300
 tcaaaagatt ttgaaagtt tggcaacgca agtatggggg cattagtttag cttttgctta 360
 agaacattga aagcttcttc ttgtttctct cccatttga aaccaacatt tttcttgagc 420
 acttcattga gaggtgctgc caatgtgcta aaatccttca caaattgtcc ataanaattt 480
 actaagccat gaacacttct cacctttgtc acggacttan gtgag 525

<210> 611
 <211> 386
 <212> DNA
 <213> Glycine max

<400> 611

atgcaagctt gcagatagat caatgtgagt caacttttat ctttgatcaa attataaatg 60
 tttgaattgt tcttaaaatt ataataaaat caaatatgat aaaataaaaa taaattctat 120
 ttctgaaaaa aaaagtcaat tctactttaa cctattgaat aaaattattt taattcagaa 180

ttaatttttt cactactgct aattcaaaca cacacttacc ataaacacgc gcgttgact 240
 cgaaaatcaa ttgtctcccg ctccagcaaa atcaaattag taaagcgatt gccacataaa 300
 tttatagtaa caaataacaa tcatcaatgc ctcaaagcta aaccccaaac catcttcttc 360
 accttttctc tctgcacacg aatatg 386

<210> 612
 <211> 273
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 612

ctatatgata tagtgtattc tctatattat gttcgtatgt ggaggaggct aaattatcat 60
 tctaattctc ttatagtntt aattgtgtaa tcttgattgt ataaattatt aaatatataa 120
 acatttggtc ttattttatt atactatata gattgtcttt acattattgt atatcattta 180
 aatattatga ggatatgaaa ttataattta acctttataa aaatagatgt aacgcaacat 240
 agagactgat gctactttga tattccaatt gat 273

<210> 613
 <211> 273
 <212> DNA
 <213> Glycine max

 <400> 613

tatcttggtc attcaatatc ctgatgaggg tgtttcatat gttctcaaga ctggacaaat 60
 acattggctg cccagtttc atggacttgc aagcgaagat cctcatacac atcttagcga 120
 ggttaatagt gattgatcca ccatgaagcc ccctaattgt caggaagatc atatcttact 180
 aaagtattta ctattctct ggaaggagag agaaaagaat gcgtgttcta cattgctgat 240
 agatccatct ccaactggga tgaccataag aga 273

<210> 614
 <211> 353
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 614

gagatcatcc nctcaacaac attatgggtg atatctcana tggggtaaca tctagacact 60
 ctcttaaaga tntatgcaat aatatggctt ttgtatccat gattgaacac taaaatataa 120
 aagaagccat aatagatgat aattggatca ttgccatgca agaagaatta aaccaatttg 180
 aaagaaataa tgtgtggaaa ttagtagaac aacctggaaa ttatcctatc atatgaacaa 240
 aatgtgtttt tagaaataaa ttatatgaac atggtataat tattagaaat aaagccaggt 300
 tagtagcaca aggggataat caagaagaac gaatagacta tgaagaaaca tat 353

<210> 615
 <211> 122
 <212> DNA
 <213> Glycine max

<400> 615

tgctattgta acatccactt tattagcaat tgtggaatag attagaaggc cattgatggt 60
 gacgctaata ttgaagaagg aacaattcta ttatagaaac acaaggggaa ccatttttac 120
 ac 122

<210> 616
 <211> 345
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 616

cagtgtttat attgcggttc caatgtggcc agagggttac ccagaacatg gaacggttca 60
 agcaatgatg gattggcaga ggagaacaat ggatatgatg tacaaggatg atgctggagc 120
 actaaaaggc aagggtaatg aggaagatcc tctcaactat tcgacattct tctgcctagn 180
 taatagggag ctgaacaaag aatgagagta tgtgccccca gaaagaccag atcctcatac 240
 agattatatg agagcacaag tgtcccgacg ctttatgatt tatgttcatg ccaagatgat 300
 gatacgcatg tctgttaatt aagtttacca catcttccaa gatac 345

<210> 617
 <211> 288
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 617

ttctaacaca ggtatatttca cggattgtga ctgggatgct cttatactan gaagtctctg 60
cttatatant ttacttttaga ttaaggagga cagatactaa tgctcctttt aacttgaaat 120
atccttcctt ccttcatcag agagcaagaa aaacttacta atggatggaa gcatctatac 180
catgttgcac ntacaatana agcaaaacac acaatctcaa tataacttct attcaatagt 240
tggccaaaga ctttcacaat gagaagagat tagatattaa tataaaga 288

<210> 618

<211> 459

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 618

ngcaagctnt ctaaagtgtt ctttgcccag tctcaggtag agtactttagg acatttggtt 60
tcgcatcggn gagtggagcc cttagcatca aaggctactg caattcagca atggccaatt 120
cctcgtacaa cgaaggccgt aaggagcttc ctgggccttg ctggctttta tcgcaggttc 180
attcagaatt atgccattgg tgtggcccca ttagtcaaag ccacgaccaa agaaccctg 240
cattggacat ctgagacaca tgaagccttt gacactttga aacatgcctt gtcaatagct 300
ccggtgttag ctttaccaga cttcaacctt cccttcacag tcgagacaga tgcgtcagga 360
gttggtatgg gtgccattct ttcacagcga ggccacccca tagcattttt cagcaaacct 420
tttagtgcca agtactctga tcataacata catgcgaga 459

<210> 619

<211> 492

<212> DNA

<213> Glycine max

<400> 619

cggaatgata cactttacta tctataatct cagctctcag gagctgagct agttattaaa 60
ggggtgtgtg tagcttatct ctagattctc aagaaagttc tctcacatat tgttctcaat 120
ataacttctc aatgaacctc cctagtctat gaatagaagc atgtgtcaca cttgttggtg 180
ctatgatgaa tgatactttt atgagacaca ctacacagtt ccacttgtct tctctacta 240
taacttaaac tgaatctacc cctgctcttt ttcttttctt acatttaagc atactctata 300

tgcttcttat ccaagacatc actcttgcgt gtattcctct tctttcatga gctacatacc 360
 tatcgggtctg tccaggccat atctatTTTT cttaacactt tgtgcttcta tagttccaac 420
 atttcccttc tggctgctct tactctcttc atactgtctg ctgtggcctt taatgttcc 480
 ttctccttac cg 492

<210> 620
 <211> 416
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 620

ctaagaagaa agtagaaaac atatcacctt tctatttaac tatcttttgt attgtatgct 60
 tggcaaactct gaatggtact ttctctgtt tgggggtggaa cttatggatt tccatttccc 120
 aaaaggggtga ctcttctgtc acttccatct tcatatgatt ttggatgtg gcttcagttt 180
 tagccattat gtggntgctg tggcgcgcca attgtttgac ttcaatgata aattgtgttt 240
 cttactcaac atcaattcat tggaaattaa tgctttcctt aactcagttc tatttgcaag 300
 aactagagaa tactatacac gtgtttctgc atgaacacca gctcatgcag ctacttcatt 360
 aacgcatata taattaaagt tggctctcag aatntctcca taccaccaac tatgat 416

<210> 621
 <211> 328
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 621

atagcccgag gactagagta cttgcataag ggatgcaaca ctogaanttt acattntgac 60
 atanagccac aacattcttt nggatgagaa gttctgcctc aagatatctg attntgggct 120
 agcaaagcct tgtcctagaa atgaaagtat tatttccagg tctgatgcca gaggaacatt 180
 atggatgta gctccagaaa atttggcaga atttcacaca natctgatgt aatcttccac 240
 tttnanattta aaccacctaa accttaatgg gtaaaattaa ttctattatg cattanatgc 300
 atcttatctt tgacttgaac tctacaat 328

<210> 622
 <211> 439
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 622

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ttatagacga atgtttcact tttcttcac ttctaccgag agacataaaa ttttcaacgt   60
ctttcatagc atcaaactga aaatctctaa ctgcccttcc aataactaatc gctgcctcaa  120
caattccttt ttctcccatt agcttgctcc tgttttagtga cacaatgcga atgacaatgc  180
agtttccaaa gtacgttgaa ggaatcgaaa attcgggacg gttacggcaa tctcccagaa  240
acttcaagct gtaaatttca tcattattat tattatttgc aatagtata gcattgacct  300
cttcttctga ttgaaccttg caaaccaca tcanagcact tgtcataaca aagggtgata  360
tgtgcaatga ctctaattct aaccataag tacttctaca ttcaatcgac acccatttct  420
ttagcttcgc aacatggcc                                           439
  
```

<210> 623
 <211> 385
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 623

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taaacctctt aatttagtca atgcaatttc ttttttatcc cttgttctaa ttacatgcat   60
aatgcatctg gttntcctag tttttcaatt gttaaaatta ggtccatgat ctaatgtatt  120
ttttgacatg atagtggctt gtctgacttg ccacatgata canagcaatg gcatgagttc  180
actgggtata gccactgttt tgtctgtcat tgtaagaatg nngaaattgt gaatatgaat  240
aggatttgaa caagaatctg ttcttgact annaaatatt atttttatga cacattntan  300
aacgggtctaa tcgcttanaa tgtcagcttg tcaatttata ataatanag tatataatga  360
caatttctaa atgtcttaca tggta                                           385
  
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<210> 624
 <211> 335
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 624

gtgtgcggtg agttggttaa ggggtggttca cgttgtgatt ggcggaagtg gttggttcaa 60
ctccttctac cattggtgag ggaagttgaa tattacattg taaaaaatc ttacatagtg 120
tcgcctttcc ctgtgaaata ttnttcgcaa tagaaactaa tcttctgcta gaattatgag 180
tgaaaactaa ccaattaaat atttatacaa ttaatactta cagtatttct cataattaa 240
taaatacatga tgatcaaata tatattctct tctaaaagag aatcaattca acatacacia 300
gtctacagga aaactatatt atgagtaaac tatca 335

<210> 625

<211> 514

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 625

ntganncccc tgttgaaccc tatagtatnt accngtcaact atttcgtact caagcttatg 60
cttctaccgg ttntggacta ccaaattgtc aagttgtttt tgcatgaaca aaacaatcat 120
attcatctca caaaaaaaaaa tcgattccaa atcgatgttg ttggctaaag ataatgacat 180
ctcttaactc cttggcaatt gtatcaattc gttcaagtaa tagtttaaac gataaaatcg 240
agtgtgagtc cacaagaact ttgactgtac tcagagttta tatatatcca attttaagta 300
ataaattaat tgaattgaat atttggtgag tgatgacgca taaatataat tttgatctaa 360
attaaactac aaaacanagc atgtgcaagg gtgagaaaac aaacactcaa aacagtgaag 420
taacgattga tgcagaatta tgaacatgtt ggggctcagt cagcctacca gaactactct 480
ngatgcaaca ttaaggatnt ntctctatnt aacg 514

<210> 626

<211> 314

<212> DNA

<213> Glycine max

<400> 626

gacgaagcgt gttgtgaatg gcgtctcgcg tggctagcat ggtatcgaca gcatcattgc 60
gtgatgacca cttgatgtaa ttggagatgg ccggaggagg cttaccatat gtgacctcgt 120
atggagtga gtcgggtgccg gagggtgag acgtgttgta agaccattca gctagggcta 180

agaattaaac cagtatgccg ggttgtggtg aacgaaggaa cgaagatatt gctcaatcgt 240
accgctcatc acttcggttt gcccatcgga ctggtgatga tacgccgtac tcatgcgtat 300
cgtcgtccca ctga 314

<210> 627
<211> 264
<212> DNA
<213> Glycine max

<400> 627

agctgtagga cgtgaaatca tgtgcagtca tgtatcttat agtcctctca cgggggggag 60
gttgtgccat gctctcagaa tgtgcaaaat cagaatgctc agaatcagaa tcctcagaat 120
cagaacgctt aagattatta cgcttccaat cgagatggtc atgagcacca ataacatact 180
gcacagattc atcatgagcg gcctgctccg gatgacccaaa aggaataaca tgatgcctaa 240
ctcatctatg aaatgtccta tcta 264

<210> 628
<211> 522
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 628

tggggaatga tacctnagt agtangcgtg ctattacctg tcactatcga atactcaagc 60
tgggagagga tgcttcaatg gaggaagaga tttatggaca gatttataga gggggtagca 120
cgaaattgaa ggaataatat acggagagaa gtggaacctt gaagtatgtc ttacatgact 180
ctcattcatc aaagttacaa catgtgttgc acatgcttct ctttatagac taggtagctg 240
gcttgagaag ccttgttgtg aaaactgtct tgataagctc atttgtgaag cattacgtgc 300
gatgctagag cttagctcca cacaccggg tgataactaa actcacctcc tggagaagct 360
cccttaacat gactcctaac gaagctatag cttaactaca catacctccc taatacttaa 420
gctcaccttc ttgtaatgag aagactttaa ctgagctacn tggccccctgt tgtagctata 480
ctcacacctg tgacaaataa gcaatggtat gcaatacact cg 522

<210> 629

<211> 396
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 629

gactcattat centnacagn tattttaaca gaatgtcttc ctggcttact ctgatttctt 60
 gaaggagaat cccccaataa atcactcacc ttttcttcta cgcagagaga acttctcggt 120
 ggagcaatct tctttgatgc ttcaggttta gaatcctttt tcttccatcc accaaacat 180
 cctttctttt cttgcttatt ttctccactt ttgttacaat ttccatcttc aataggaatt 240
 tctctttctt cataacagct gtgacgatgc ccaatgatca cctcatcact ctcatgttc 300
 aagtctggcg actccaacct tagtgcactt tccaattgcc ttctttcatc ctcggncaaa 360
 atatcattga gctcttcact ctcttggtca ttttca 396

<210> 630
 <211> 294
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 630

tcttacacgt gtaacacaca acttcagctt agtggtttaa gactctaagt gtagcgtcca 60
 tggaaggcga agcatccata anagttacta tccatagtgc tctatggcct tcaataccat 120
 caccatcaag caagggagat gcttcaacct ccaacccagc tgctgcanaa tggccactca 180
 atatacaaga atgtattcct catacaatag caccaccaca ttagaatgct cgagttgatc 240
 caaaaatgca caacatataa naatgctaac aataaaagtc ctaaccotta tcat 294

<210> 631
 <211> 365
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 631

tctcttatgt tgcagagtct atgaattcta gaataatata acttcaacca ctanaaatga 60
 cttcaaattg tatttaacat ctaagccttg tcagctcana tgatcaaatt cctcaatgtg 120
 aaaggnggaa cagactcttc tatttataag agtcttanag gtaattagtg atttacaat 180

atcatagcan ataattaacc ttctaagagc tntccgcctt ttagcanagg ctgctttaga 240
cctgatcgat gaggtacaac tcccttaaca aggttccgtc aatgtggtcg attgattatg 300
gagttaattt tcaacaactt tgtagggata tgcatacatc atggatgatc atcatacaca 360
tacta 365

<210> 632
<211> 396
<212> DNA
<213> Glycine max

<400> 632

tagcttttgg ttttggtgaa cacaattaat ctattaccat gtaactgtaa tcgattactt 60
gggtgtttgt gcgtgatgta atatgttaca tctctatgtc ttcacctcgt caaccactat 120
tattactaca ttactttccg ccaccacct cagccaacta aaatgcctca gcctctcttt 180
ataagccaac cttaccctat gcacaaatca caccaacacc tgttctaaac ctctgtttac 240
cacccttctc tgaatacaaa tatcttatgc tctcaaacc cctatctcct cttcaagatg 300
acaaacaatc ctttaagagc aaataatatg gaaaaatatt ccaagaagaa gcaaggagaa 360
tgttcatagg atgttatcaa cccgttggac ttggaa 396

<210> 633
<211> 517
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 633

gcgggaatga acccatgtga nacntgttg atacgatggc atctacgtga cactgtgtag 60
tgctccagcc cgtgcgatta tgaggtaccc gtctcctgtg gtactagggtg gtattcgggc 120
gaggggtgcat aacattttctg acgatccacg gatgacctat aagcacccca tacgctagtg 180
gcgccttatg gcagagctca ctatctcaca catgacacac atacgtgggtg gtgtaagcac 240
cgggtacacc tcaagccttc tgagctttca catcatacaa gtaattcaac aattattgat 300
ccgaactcac acatgatgag ctgaaggcgt aggcgcagaa ctctgctgga acacatacca 360
gtctcccgac tttcacatg caaatatccc atatgcattg gctatgggtct acgacgttga 420

ccgtgtggat cgactagcat agactactgt gcgtatctag tacatattct acatcttgac 480
cgatgtgata tgctatagaa tggctagact cacgtag 517

<210> 634
<211> 390
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 634

cttgagctat aattcattgt ttgtgttatg agtctacatc aaacaattgt attattgatg 60
tttctgtcac aatcaagtga tagttgatgt ctccatatgt gcgtacactg tgattatggt 120
ttcgtttcta aaattcattn ggagtatcta ctgttgattc tagatgagtg atccttcttg 180
atttacaatt attgtctcct aatcaatcga gtgttcacatc tattattggc tgctcatatt 240
ccaatcatgt ctagttaaaa tgcttgataa tctttcttgg tgttacttct aatacgaata 300
aagagagact tcgcctttga caatcacgtt aagatgtttn gagaggaaat acttgagtag 360
acatgatcat tgtacctata gacgaaagtc 390

<210> 635
<211> 252
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 635

gattgatagt tcactaagaa taatcttata aagaatacct ttcctcttag caatgaaaaa 60
gtgagtcgcc attttgttnt ggacaacaca cccttctttg ttaaaggaaa catcaagtcc 120
attgtcacat aattgactta tgctaagcan nnatatgtta agctctttaa caaaaagtac 180
attatcaatg ggaggatagg gatcaatact tantctttca tactccaact atttctcttt 240
ctatttcctt cg 252

<210> 636
<211> 393
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 636

cagctccatt gatatacattt atttaatgca atgcacatgt ttcgaataag atttcttgta 60
tcacaggaaa agatctaate caagttgaat tacggatcat actgattgtg gtgcgaaaac 120
tggcttgaag tagccatctg ggtaatatcc aaaccacgaa gtttcctctg gtattaaaac 180
agtgtcgcgc tcacactgtt aatgtataaa ataagactac aaatatataa gctttcctca 240
tgaaatcaat tagcaatatt ctattcataa tatcacaata atacatttag aggacttacc 300
atgataagta ccanattctg caagctactc aatcttttct tgtaagaagc atttctctta 360
tctggtattt cattgccatg cactggaaga aat 393

<210> 637
<211> 391
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 637

gctgtctcta gatagacaat cttgccctcc tgaccttacg gtgacttacc actttgatnt 60
ctttttttgt tggtagtaaa ctgtaccatt aaatataagc atcatataag aaactagctc 120
acaagaaaaa tctggtaaag actacatatg annaaatagc gtgggtcttaa acaacaattg 180
taacgtaata nactgaaccg ctgggtaatt tcttgaataa ataaattcag atcttcacaa 240
tgataatttc ataaactctt actgtacaac acattgactg aagacaaaaca ttatgcataa 300
aactatagaa gcatggcata tgttcatctg caaccaacag gaatgtatgt cacacattga 360
aacagatatg tnntatctca tactcattct t 391

<210> 638
<211> 416
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 638

ctgcacaagg ctcttaatat ttgaagagta tccttgagga accttcaccc gacgaagaca 60
ctaacaaaaa cttatcttct ccttcttgga caaagtatgg caggctgggg gcaagtaaat 120
tttcttccca tcagaccttg tatgcaactg tgatcgtata cccatatcag ctagatcttg 180
acgggtattc aagccatcct tcgtcttgcc ttgaatgtta aggagcgtcc caatgactct 240

atcacagaca tttttctcca catgcataac atcaatacaa tgtctaacgt caagatcaca 300
ccaatacggga agatcaaaga atatggacct cttcttccat atgcaactnt gactattatc 360
cttcttttga gtcttcccag atacagtatt cacgtgttca acccgataat atacct 416

<210> 639
<211> 298
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 639

gttcttgacc atattgaacc ccggtgacaa caattgcttc aaggacagag acaatgaaga 60
ggtcgctgga caacaggatc aacaaatgac ctatagtatg gttcttgact tagatcgaac 120
ctgaggacaa cgatattaac caacagacca cacaacaaat gaataacagg acaagagaca 180
atggagctgc acaacatagg gttaagagag acaaatgatg agggaataat ctcanatacc 240
ttgcaagcat ggtagaaact ccaaaccxaa actgagcata ctcaaattat ccaatctt 298

<210> 640
<211> 405
<212> DNA
<213> Glycine max

<400> 640

atcactatac acattagatc tgagtaagat ctactattga agtactaaaa tgtacacaca 60
catacctcgc cacaaagagc aatatacttg gaaagcagct tgttgattct atcctgctca 120
tctttcctga gaattcgtag tttctcctca ctcacagatc gtgcaagaag attcccaact 180
gcaacaaaat cacaaaacta agctaaaacc aataaaattt caatgcacac acacaatcga 240
aattagagct gaaacataac tccaacttac atgggtgtata gacataatcc ttggtactat 300
tgtgtgtgac atggagaaca gcaatggaaa ttggatgaga ctccacttct tgagagccca 360
attcatagtc ttaagtccat cttgcacatc attaccaaca gcaac 405

<210> 641
<211> 312
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 641

taattaagca atatggatga gatattcttc taattcagga tctaattata acatgatatg 60
 atcaaatgta agaactaaca tcaactcaatt aagatatggg aattaaaatt acacagtatg 120
 tgaatataaa gaaactcana ttgtatctaa actttctctt ctactaatat tactattaaa 180
 taatatgttt taactatgcc tttaatgaaa gtgtgtttta actatatatt accaaagaaa 240
 catagtgcaa cctatataaa acgtgtatnc gaacaaacct actatcagta agtatacttt 300
 atacgttaat ct 312

<210> 642
 <211> 482
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 642

tatgaccctt gannccctga tccctgatta ctgcggntta agataaccgc angccgaagc 60
 tgtatatgat ttatgaactg gccatcattg tccttatgca agtctngcac cttatgttgc 120
 tggtcgacac aaccatcata ttccgactga gagtgtgtgc ttaaagaaca tcacgtcgaa 180
 tcggccgcat cgctgtcacc gctcatatag agtaacatta tgtggactac ttatagcggc 240
 gattacaggt ggggtggtctt ttcatatata acatgctaca tccctttctc ctaaattgcaa 300
 aagacttcgc tcgcttcata gcttatactt actctccttt gaangacaga cacatcacat 360
 tgaacatcac caaaaatatc ttttggcagg ctgccaagac aaagacttat gctgtatttg 420
 atgaccataa cttaataggt cacttccccg agacctagag aaaccgatct tcgacttaaa 480
 cc 482

<210> 643
 <211> 514
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 643

tggggatgac nccattagan ancnetgtat ttgcngacac tatacagtac tcaagctntg 60
 agaaattatg gctgaggcta agacatgttg tgggccatt gttcaaattg aggcatttat 120

ttattttattt ttaatttatc atttgggtaa atgtcaaatt aatatgggat aagtcattat 180
 agatgttgta acttttgaat cgaaagtatt ttttttttaa tttatgactt taagatcgta 240
 ggagtttttt tttagtactc taaagtcgta aagtctattc gttaaatttt ttattaaatt 300
 cataaatgaa tgtacaactt caattttttt attccttttc ataaaattgt aaatcatttt 360
 ttaattcaat tatttaataa ataaatgtat ttttactttt cttagtttta tataatattt 420
 tctacatatt ttttatatag acttatctaa tatatttcct atactagttt attcaatatt 480
 gtcttaatcg ctggtatatt atcttatttt atat 514

<210> 644
 <211> 309
 <212> DNA
 <213> Glycine max

<400> 644
 agcttgataa caatgtctct tctgttttagc attattaacg gcatgctcct cttccatttt 60
 gcatcctgct acaggaaggt gccattcggg agagctaaga attctttaca gggctgatgg 120
 ggtttatcaa caaggtagtc ccaactagga tcggacactt ccaccgttgg atgataggca 180
 tcttctacaa tatcctttat ttccatggga tcttcattct ccttatattg cgcacacctt 240
 ttggcgctct gcttaaagag ccagaacat taccattgt ctcttaaaat gcgtgaatct 300
 ggggcattt 309

<210> 645
 <211> 310
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 645

agagcactcg atctatataa agaacttttt cttcaacaac aacaccttac canaactcat 60
 gagaaataat aatgcanaac taacactaat aagatgttgc acaaataccc attatgggta 120
 aactcaaaga aagaagaana aggcttacca tccaatagtg gggtcacaag ctcaaggaaa 180
 tagatgagtg caaattgtcc taaagggaaa taagccctat tcttgagagt gaatgaaaaa 240
 ccttcttatg gttggaggag aaaatgggaa agctctgaga aatgagtaaa ggtgcatagt 300

tncaaagtat

310

<210> 646
<211> 297
<212> DNA
<213> Glycine max

<400> 646

agcttatcga gatccgtgat ggataggcaa tgtttcggca taatgtggaa cctgacgttg 60
ttgatgtaca catgcaaatac ggagaagatg gagagttatt tgatggcaaa cacaatcatg 120
ttgttcagct tcacgacttc cgcgtgcatac accactaagg tgaggatgtt gaagccattg 180
ttgcggataa gaagcatcac gtcaatcaac atcaagaata ctttcgcgaa ggtgttggtc 240
ttgttccaat gaagcgtatc agagggttaa gtgatgcaat ggcgaagtgg gttcgag 297

<210> 647
<211> 372
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 647

ctaactgngc agtantccaa aaatgtgagt gacatcacct tgagggtgggc aacaaattaa 60
gtgccttcac cataatagca cctgcacctg aacctatgaa gcttcattct acacctgaga 120
aagatgatga gatatttcct cataagagaa agcttccaac gcacatatta cgcaactgac 180
ccttttttcc tctcatgact taaccacccc tctacacctt attattccca ataccatata 240
tcactcacc gtacatcacc attctgcacc taccttacct ctcttgcag acaaactctt 300
tatcgccctc acatgtaacc ccgtaaacac tacaatctct aatatatgat tgctcaactc 360
tcttcaacct ct 372

<210> 648
<211> 375
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 648

tttgagccgt cgacgaccng ngatccttag agtcacctga ggctgctgct tacatcaaca 60

cttcaggggc tgtactactt acatggattg atgggcctat gcagttgaaa gcttgagaa 120
agaggatgcc tatngttgtt gggatgaatt ctccagattt acctgggtaa actctatcag 180
agagaatcaa aaccttgagt attcaagagc tgagtctaag acttcaaaga gagaaagact 240
gtgtcatcaa gagaatcagg agtgaccatg gcagagaatt tgaaacagca ggttcactga 300
atgtgcacat ctgaggcata ctcatgagtt tttgcagcat tacacaaaca gaatgggata 360
gtgagaggaa aacag 375

<210> 649
<211> 234
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 649

tttgagcgtc tcgatatatg acgagactac atcatacatc ttagtaanaa gttatagtcg 60
tttgaatatg ctgagagctt caacattcaa ttacgagcat ctgctatat tacgggactc 120
aatcagacat ccgagtaaac agtttgttgt ttgaattgtc tgagagcact cacattcaca 180
ttctagcgcc tcgatatata tatggactct atcacacatc cgagtataaa gtta 234

<210> 650
<211> 407
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 650

tgcaagcttc tttgagaaaa cttccttgag aagctagtgc ttagctacac acaccctct 60
cataactaag ctcacctcct tgagaagctt ctctaagaag attcctaaag aagctagagc 120
ttagctacac atacctctct aatagctaag ctcacctcct tgagatgaga agctagagct 180
tagctacaca ccnctataa tagctaagct caccctcatg acaaaaaaaaa catgacaata 240
caaaaaaaaa agtccttact acaaagacta ctcaaatgc cccgaaatac aaggctaaaa 300
ccctatacta ttagaatggc caaaatacaa ggcccaaacy aagaaaaaac ctattctaata 360
atttaciaag ataagcgggt catgcttagc ccatgggctc gaaatct 407

<210> 651

<211> 337
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 651

cgcctaacta aatatgatat tgagtgtttt ttacatgcat ntacttaaca agaaacttan 60
 acattagnta agttttaaact atatggttgg aaaaagaaca agtgggaagag tgaaggtttc 120
 caaacaacaa tccttgacaa aaaataaaaa aaagctgggtt ctagcaaata aatcatatca 180
 cactaagaat gagaaataat accagcatcc ctatccaaaa aatattcaag gatgagacgt 240
 gtaaaagggtc acgaatttca tgctgctaata gatatatcta acantaataa tctngtcctt 300
 ttataccttt tanggtatta tggagatgga cgggagt 337

<210> 652
 <211> 178
 <212> DNA
 <213> Glycine max

<400> 652

cccatcatga tgctctttct gaacagaaaag tacctgtgaa cgtgcactaa attgcctatc 60
 aactcactac gagagaaatt gaacttatct taaactctgt gatatgagta tcattacaat 120
 tatgaggcat ctcaagtgcac aaaatggatc aggttggtcc ttatgacctt gctgccta 178

<210> 653
 <211> 354
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 653

tagctacaca caccatcta anaactaagc tcacctcctt gagaaacttc cttgagaagc 60
 tagaagctag ctacacancc ctataatagc taagctcacc cncatgacaa anaaacatga 120
 naatacanaa aanatcctac tacaaagact actcanaatg ccctgaaata caaggctaan 180
 accctatact actagaatgg ccaaaataca aggcccagac gaagganata cctattctaa 240
 tatntacaaa gataagcggg ctcatactta gcccatgggc tcgaaatcta ccctaaggct 300
 catgagaacn ctanggtctt cctttggatc tctagcccaa tctacttgga gtct 354

<210> 654
 <211> 445
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 654

taatagggtgta agcactacaa catttataat ttcaaagcaa agcacataat aatagctatt 60
 gtacataggt ttgatcacac ataacacact atagaatatt attcgtcata attaacaaac 120
 aattctaaaa gctatagcgt catggtactt taagatgaca tatagagttt taggtttatc 180
 aaagaatttc ccataacaaa tccaggacta tatcccaaca ttgcaaatag tacaagagca 240
 agcaatcaat atactttaga atctcacacc catattccat ttcaagcatt atattttttc 300
 atatttagac ataacttggc ttatgttcta ggccaatatt ggactttatt ttacaccagc 360
 ttattggact ntaagaatac atcccgaac atcaaatac tcaaataccat tactgcaaaa 420
 tacaatacc cagaggaact acaac 445

<210> 655
 <211> 520
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 655

atgtaattga aacctttgta agncccgta ctatagaaca ctcaagcttc taagattatt 60
 aataatatat ccattattca atattttcaa ttaattataa aaacaaaatt atttatctaa 120
 aaaagaanaa ttaaaaaaat attttgaaaa caaaataatt taaaattact aagagaaaga 180
 gcaactaaga ttttgacaga aaaaatgaat gcaaaaataa cacaattaaa attaaaaaat 240
 aataaccatt aatgtcttac atttttatgc ataaacatat atattacttt taatttaaaa 300
 ataaaaatat tttagtcatt tgtgtgaaat taaattactt acaacaaata aatttaattc 360
 aattctttta tagtaaaaact ctttatatat atatatatat atatatatat atatatatat 420
 atatatatat atatatatat atatatatat atatatacac acgtatcagg gacatatgtg 480
 ggataatatg actacgttat atatgagagt ggagatgctg 520

<210> 656

<211> 420
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 656

agtacaataa gctntatggt ctaaactctac tggaagatga catcccttgc catgcaccat 60
 ctagaatggg gaaagactgg taggggtctt ataggctatt ctatacacc acaaagcatc 120
 atccaattta gcaaaccaat ctttactaga attctcttta tctttgtaaa tgagacttca 180
 acttgaccat ttttttgagg gtggtaaggc gatgcaacct tctgtctgac attatagtgc 240
 tccaatgcct tctgtagttg cacattgcaa aaatgggaac cccattact gatgagaact 300
 ctaggagttt ccaaccacg aaaaatattc ctcttcacaa accgaatgac tatttttgca 360
 tcacctttct gtgtggcaat ggcttacacc cattttgata gaaactcttt aaatgacaca 420

<210> 657
 <211> 265
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 657

gtatccattc agagaaatnt ctttttggga ggtcatcatg aggccaacaa gattccttgt 60
 gtgaagtng acacagtttg cttttctaan aataaagggg gccttgngat taaagatttg 120
 tctaaattta atgaggctnt acttgacana atggggtggg agctggctaa taattagaac 180
 caactntggg caagaatctt aatctccaaa tatggtggct ggaaggagtt gatctctggt 240
 ggaaagagca natntcctc tcata 265

<210> 658
 <211> 360
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 658

tgaccttgtt tacagcgacg ggcactcttt agaactgaca gagggccata atcagagctg 60
 gaaacgccag gaccctattg gacttcttcg agtcactgg gtgtcttatg ggtgcatcc 120
 ctacaaacaa tagatgacat caganatcag ttgagcgatg tgcatactta cctatgtcac 180

gatggcatga ccttgctggg ggcacgggca ccctgtaaga ctgacagagg cccgtaacct 240
gagctggaaa ccctagggcc ttgttgggtt tctctgagac cacggcgtgt cttgtgggcg 300
cgatccctag caatagtgga tggcatcaca aatcaactga accatatgca tacttaccta 360

<210> 659
<211> 360
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 659

ttatctagta cattgtnttt gaaacaagca ccctacagta gaattgccaa caatagacat 60
tgtttcagtt agggttttca attatcatta ttgacgactt ttagtgagcc tcctaaagaa 120
tgtaaacgcg tggcttatgc caccctcttg ataaactaag aagaagaagg tgaataataa 180
ataatctttt ctattaaaat aatacggtag ttggtagaag gtattttataa cattaaatag 240
tactctcttc atttgtaaac gatatttatn tatatacaca tattaagaac gtcaaaggat 300
atatattaca taataagggt tcattgagtg ctatagattt taatattact ttagttttat 360

<210> 660
<211> 390
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 660

agctttagg gttatagtct cagcattgtc acgtgctcat gcaacaattg ttagccgtgg 60
ctatacgaga catcttgcca aacaaagtca gggtcacgat aacttgccctg tgctttttct 120
tacatgctat gtgtagcaaa gtgattgac cagtaatgtt tgatgagttg gaaaacgaga 180
ccgcaattat actatgccag ttggagatgt attttcccc tgctttcttt gacatcatga 240
ttcacttgat tgtgcatctg gtcagagaaa tcaaagtgcg cggtcctgtt tatctacggc 300
ggatgtacct ggctgagcga tacatgaaca tcttatnaga gtatacaaag aatctatatc 360
atccgaaagc atctattggt gagaggtaca 390

<210> 661
<211> 111

<212> DNA
<213> Glycine max

<400> 661

agaatgaagt ccactcaaac ctgaaatctc caacttccac tcgtagacac gcacttcacg 60

actaccgaaa tgccctcctt ttgcgatctg gagcggaaat gatggccaaa g 111

<210> 662

<211> 404

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 662

agcttgtacc agccactana ccttcaattt caattgtang ctntcctaatt ttcttgacct 60

tcctcctacg agagaccaac ttcaactcag tatgttcttg tanataatta taattaatta 120

gaataaataa aattgtatat aaaatntaaa tatgttataa tttaaagaaat aactacctct 180

cttgcccaca ctttggttac cacatgatta acatatgatg tcaacactaa tgtatcttgn 240

ggcccacctg gaaaacccta tgaatcaaca cctacatcct ttgtaattgg atcatgaggt 300

tcctcatgag tctcatcagc agcatcatcg atatgcccac tatectcgac aatagttgca 360

agtgttcatt atctacgtgt cgacactttc aatcttcgac gctg 404

<210> 663

<211> 319

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 663

gcacgagaca tcagggttta gtattccaag atacaacata tatcgcatga acattgttag 60

atagagaaca tccttaataa catcagtcac ccagtaggaa gaccaaacag ttctttatct 120

gtcttcatac accactactc acgtgattta attttgata gtttagttgc atacttgtcc 180

ataccacgca ccanactntc atccaaaggc acttatttac tgaaccacag cnttaccag 240

tacaacagaa tgctcgggag ttggatactc agtattcact taccggttta tactactttc 300

gtgatccagt gcacttgtc 319

<210> 664
 <211> 349
 <212> DNA
 <213> Glycine max

<400> 664

aagcttctat agaatgttcg ttcctaattt ctctacaatt gcatcacctc tcaatgagct 60
 ggtgaagaac gatgtggcat ttacctgagg tgaaaaacaa gagctagcct ttggtttgat 120
 caaagaaaag cttactaagg cacatgttct aactcttctt gacttttcta aaacttttga 180
 gctacaatga gatgcctttg gagcgggagt tggagctgta ttgatacaag gcgggcacct 240
 tatttcttat attagtgaag gacttcatag tgccaccctc aactacccca cctatgataa 300
 agagctatat gccttaataa gagccctcca aacttgggaa cattacctt 349

<210> 665
 <211> 295
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 665

gtcacattgt caaagctcca atcttgnnt tgaaatagag agagcaacaa cagcaaanac 60
 tacaatcgaa gaaaataaat cataatcgaa gagcanaaaa aatatcagaa acaaggttct 120
 aacgtttctc tcacacaang ccttttattt cctctnctaa tccatttttc ttttcttttg 180
 gtattccacc anagacaatt tttttctaag ggaaaaaaca ctcgactggc agagaaatag 240
 tgaagtgaag agagagactg agagaanaga tattattctg gtgacgctga tgtgt 295

<210> 666
 <211> 429
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 666

agcttggcag tgtgacattn tcttctgagt atttaatgca gcagattaat gagttttcat 60
 tcttatcact gaatttccca tcgaagcaca aacacaatca ggagcactag gtttaatata 120
 atccttagct tgagatgcca atttctctg ctccctgcgt agttatatgt caaaagtggg 180
 aaagactctg catcatcata acaatcaaac caaataatgt gcataaggat ttagctcttc 240

tagagtgagc aagtgtgtaa agtaagaaag taaaagtgaa tgtactgttg atttgaattg 300
atgtacctgg tggccctaac taactttaaa acaatgggga aacaccctta gtttctcact 360
ttatacattt actaacttta gaggagtcaa atccctgcat cagaatatga acaagaaaac 420
atcacctta 429

<210> 667
<211> 459
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 667

ntatcaccag gatgatcaaa atgtttttca tcattgcttg agttggaagg ttgggaatgg 60
ggataaagtc agcttttgga aagataagtg gttaggggaa ggtcctactc tacaacagaa 120
atacaatcag ctgtttctaa ttaatagaca gcaatctgac cttatttcaa tgatgggcta 180
tttctctcat gatacatgga gatgggactt gaaatggaga aggaacctgt ttgaccatga 240
aagtgatcta gctgtcgatt ttatggaaga aataagctct tttcattttc agagaaatgt 300
taaagacatc atgacctgga aagctgatcc tagtggtgtc tattccacga ggtcagcata 360
caaattcatg ataaccctct ctttcccagc ctttgatctg agatcctcaa ctntattatg 420
gaaattgaag attccccaga agctgcagtt ttcacttgg 459

<210> 668
<211> 306
<212> DNA
<213> Glycine max
<400> 668

ttgctgtgat gaacaaaatt tagccaatat tatcagataa atcaaatact taccgtagaa 60
ttactgaaaa tagaatctac atcatcaaga ctaatattag cctgttcaaa tacaggaggc 120
ttatatccct tcttgaacca gtcatttctca atgacctcag taaatgtaat ccgctgtgtc 180
atattattaa aagaaaaaca gatgccgggtt gttaataata atatatttgg tgaaatggag 240
ggaaaagtaa aatattctgt atacactaga ttagactaga gtactatata attaaacaaa 300
gaaaac 306

<210> 669
 <211> 363
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 669

gagagtcatc ttgatatgac agctntggaa gtcctcttac gagactatgc tctagcatga 60
 ccaagcttct tatgccatac ccagtgatgc tctntgattt anagtaagca tgagaacctt 120
 tgactggaca gatcaccaag tttaatatata taaagaattc cttgtctctt agcaaagaag 180
 agtgaagagt tgtccttgnt ctgaacaata cacatccttg ttaaaggatga cattgtatcc 240
 actatcacat aatcgactta ttctcaacag aatatgcttc aatcctttaa cangtaanac 300
 attatctata taagggtagg gaggaacaca tactttacct acacanngta tcataccttt 360
 ctg 363

<210> 670
 <211> 505
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 670

atatgaatcc tgcangcagt natcccttag aatgcngccg gtcgnancct nggaccgatt 60
 catgcagaca agggacncct gtanagcata cataggtttt tgtcagctga actaatgagg 120
 cgaacatgct catcatgctg acgcaactca actcatgggg ctctctgaga taatgataat 180
 taagcagaaa cctaagatgg cctgtcaatc ctatacagca ataattacag aacccctcct 240
 tgccttgccc accctttggc taaccatgag taacacacga cgtcaacact aacgtatgct 300
 gtgcccacac ctgaacaact ctactaatca ccacactacc tcctttggaa ttgatcatg 360
 aggcttctca tgagcctcat caggggaatg attgatatcg cccattattc ttgacaatag 420
 gtgccagtgn gcattatcta cgtgtcccca ctctcaatca ttcnacgctg agggcgttct 480
 gctcgacca ctaacctntc taccn 505

<210> 671
 <211> 228
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 671

cttattatta ttccaataac tntgtgtgcg gaacaataaa aataatactc ataaacatat 60
tanagcat ttaacaatga ggaanaaaat gtcataacc atanaagaaa aaaagccaca 120
agaaaataaa aataaaatag tatntattnt ctanatctac ctncattatta cctaattagc 180
tcaatcttgc aaatttaaaa tgcacaattg accaaaaaat aacttgat 228

<210> 672

<211> 226

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 672

agcttgagat gaggaagtgt tgaagggtga attttcctgc ttttattggt gaccacagag 60
tggtacctgn agatatgtcg cggnggtcag gagaccttgg ggacgtcagg tgggggtgcta 120
ttgccccaaa ccaagcttga ccaatcccg cccaaccccg gcatagtcgg tcagtgagaa 180
catgtgacgt acctaagcag gcgagcttct tgcagtcaca gataaa 226

<210> 673

<211> 296

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 673

caggcaacta actcctcttt canaaccatg ctatgtgctc ggcactggtc cctttcttcc 60
tttcgcaact tgagttcact attgctaccn catagagctc cgcgaaattt gttccggcca 120
tactcttcct tgcgagccct cttggtctct tgttcaaggg ctcttgcggt aattgcattc 180
tcttcccgta acccggcaca ctcttccga acgtgtgtag cggccaactt gaacttcttc 240
ttggcaagtt ttgcctttcc taactcgcta ttgagagctt ggacttcttc gtgctc 296

<210> 674

<211> 113

<212> DNA

<213> Glycine max

<223> unsure at all n locations
<400> 674

gctgcaagct tggattgatt cggctcgaca agggattaat gnttagtaat ttaggctaca 60
acattgaaca aaagaggcaa atatgatcat catgctttga taaaaaaaaa atg 113

<210> 675
<211> 320
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 675

atgagaatgg ggtagatttg gagcatactc tcatctcaaa caagtctata acattaatct 60
aaactcgctc aaactggttt tacaacgaan aatctaccga atcaataatt gactcctcaa 120
caccaattt accctagaaa tggctcttg cttcactttg gtcactcatn ttcctcattt 180
gctcagccca agctgtccca taagtcctaa atgacgattc anactaggat taactcactg 240
taatattcaa ttaccactaa atccagaatt agctnttcag acccctcaag cattacactg 300
tgtcactcat atcactacat 320

<210> 676
<211> 348
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 676

aaaaaaataa tttaatcgaa ctgatcgaaa ttcggaacat cactctaatac tgtgtcaaata 60
acaanaaata aaaaaagaac accatatatt taaaaaaaaa aaaaaatttc tccacgggac 120
ctatgcaaca ggatagcaaa aaattcagtg cgtgagtgga ataaatgctt ccaaaagggc 180
gtaaatcgag gggaacgaaa caaaaatgat tcatatctga aaaaaaaca gacaccaaata 240
accaatgaaa gctttgcaaa aaaagcatag atcagcgcat atcaaacata gagcatgatt 300
acataatcag atgaaaacgc ggattatata tacaatagta atatgagt 348

<210> 677
<211> 312
<212> DNA

<213> Glycine max

<400> 677

ctcctcatatc agtgaaactg gcacaagtga ccagacatct gatacggtag agggtgattt 60
attattcatg tttcatagtt gtatattata atcgcacgta tatctataag aatgatgatg 120
ggtagcactt catcaagtga aacctctatt cttaacacat gaggaagttc acagtacaag 180
tgaaccattt ggtattctca atgacaataa gttaaaaata tcagcattca atgtagagag 240
ctcatccgaa gaagtccggg agatcttcat gggtgcatga gctacagatt ctgcaagagt 300
tattgaagtc ac 312

<210> 678

<211> 381

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 678

cgctctgnca ttcagnanag aaggagggtt gagtcccgtt ttatggtttg atccacatc 60
aggaacgtta gcaatatcag tacttggtct tccgtatgag tttgaggagt caactgaggg 120
tatagtctca atggccagct tggttatagt atcttcttgc gtacctgatt ctggagagcc 180
ctgcttctgc ataaaattgt cgacagtatt atttctaagt tctgggtggca tggattcacg 240
ctcaccagat acagggattt ggttgatttc aataactgag tgctttgtgt catcagcact 300
caacttattc agctgataga cagaaggcat agactgctgt ccagatggga gcctcttctc 360
agtgtttcaa ctgatggact g 381

<210> 679

<211> 381

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 679

ctaaacttaa atctcgcat actaataaat ggtaataact gtattattct ggttttacat 60
ttntgttcta tgtggcttcc cagattatct cttcacctag taaataagag actaatctac 120
caagcatgat ctgggtgtga naaagatcaa ccctctctag tctcaatggg acctttctca 180

caaacaaagt tcagaggatt gaatcanaaa tcacattcac atgctcaagg gatgtgagcc 240
gctgtcactc acatcaatgt atggtatgtc tgtaatacgt tgttgaggatt atgttattgg 300
caaaatggat tgttcacaac ataaccacta tcatatggca cataactcac ctattgagag 360
catgatcaac accttcagta t 381

<210> 680
<211> 317
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 680

agctngaccg atccccgacc aacccgcgaa nagtttcac gtgagtatga aaagaggcac 60
atgtaatcat cctgctcgaa caaatgacaa cactggggca aataaaggagg gtgagaatgt 120
agaacaaacc catgctgcga ctgccattac tatacggaca aggttcccac caaccaaca 180
atgtcattgc tcaaccaata acaacccttc tccctaccta ccaccaggt aatcaciaag 240
gccatcccta aatcaaccac aaaacccttc ttccacacaa ccaatgctaa gcaccacctt 300
tagcacaac caaaaca 317

<210> 681
<211> 151
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 681

cttgcaattg aacgcccaatt gttatcatca tataactaatg gatcacatcc agacagctta 60
tccgaaggty ttctaattgt gtcggaatn ttcgacagac tacaaaactc tggcgattaa 120
tatttctgac gaccattatt ctaacggatt t 151

<210> 682
<211> 334
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 682

acatgatata tgtcttggtt tggctgggct caaagataaa ggagatgccc cacattattt 60

ccatgacaca natgcanaga tgatgatttg gaaacttcat gcaaaactgg tcatgcatgc 120
acctatgtgg aactcaagt gtcaaacttt tatggtcatg tgatgctagg gctcangatt 180
tagatcaacc caatgttgcc aaaatatgtt cttttatcca tttgtgcatt catccgagtc 240
catttcgggc gttcggtgaa atttcacagt gttcaccctt caggtgtaga cacattnttt 300
ttcaaaaact agttatgatc aatgaatttt tttc 334

<210> 683
<211> 407
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 683

gacaactctg atatcaagag acttacacac acacactntn tcctagtcga tcactcacat 60
anatntccat tctcnccctt tggttttgag tttatgcntt catttgaaat tagttaatta 120
cttatgtgag ttcttgattt attccctata tctctcccc tttggcatca acaaaaagcc 180
aaagtgtgta acaagtataa gacacacata tactattaat cattcacaag gcatacattg 240
aagaatataa accaatcatg aagcacgaaa catgaataga tcanatatat aataaccaca 300
tagtcatata atataattca taattgttca ttcacaccat gccaatatag aaaatactaa 360
atatccaaat gtcataataa tatatggtat ttggataagt cactaca 407

<210> 684
<211> 278
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 684

agcttccttc anaaattacc atatttgctt ggtgactact aagagatagg ctaccaacaa 60
gatcaaattt gaggagaaaag caaattgagg tcgaagatcc actgtgtcca ttctgcattc 120
agctgaggag agcgcttgcc aactattctt tcagttggag aaggatactc cgctatgggtg 180
ggaatcatta tcatgggtga angtagtggg ggcttgtcca aatcatacaa ggcaacactt 240
ncttcaacac atatatggag cgacagatgg aatgagag 278

<210> 685
 <211> 454
 <212> DNA
 <213> Glycine max

<400> 685

cagaggtggt ggttgtgtta tgttatcgat tttcactctc tattcatatg tttccgtatg 60
 taattatgaa aacttcactt aatttatgct tagttttgat tcttattttt ggctgtgttg 120
 tttatttggg gactggtgtc cattaatatg cttttggcag tgctttttca tttctaacac 180
 gttcttgtgt tctgcaatct ttttgcattg aatttcttat atacttagta gttggaatgg 240
 gcactgtgtt atcttttcag gtctaacacg ttcttttgtt ctgcaatatt attgcacatg 300
 atttcttaaa taccgagtag ttggtagata ttgtttcttt taacagcata catactgcc 360
 tgtgccatag agatatagaa ctgcttgact cctggtgtgc acaatgcgat tataactcaa 420
 ctcaactgtgc ttgaatctgc ggacttctga aacg 454

<210> 686
 <211> 304
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 686

agctntgctg atttagttnt cacttacgaa aggttcaaag tgagtctgaa aagaggcaaa 60
 tttaatcatc ctgcttgaac aaatgagaaa actggggcaa ataaagaggg tgagaatgta 120
 gaagaaacc atgctgogac tgccattcct atacggncaa gtttcccacc aaccaacaa 180
 tgtcattgct caaccaataa caacccttct tcttacctac caccagttta tccacanagg 240
 gccatcctaa atcaaccaca aaaccatct tccacacaac ccatgctaag caccaccttt 300
 agca 304

<210> 687
 <211> 314
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 687

gcttctctgg gacctangca naccttcaac tcattccttca cgatcaaagt gtctactcgt 60

cattggtcgc tntcctccct cgggagctta agctcgctat ctcagttcgg cattntcctt 120
 ttggatctta agagttgctg attingaacct ttattttgac cgttgggctt gctcgagtcc 180
 tggcctaagg gactacacct cttcatcttc ctccggtgcc tcaacttcc ccccttttgc 240
 gtgtgggatt tcagccactt acggtagcct ccaatgggcc cgttgtctnt gtctttcttt 300
 gcattatttc ccat 314

<210> 688
 <211> 120
 <212> DNA
 <213> Glycine max

<400> 688

agcttgacca atcccgaccc aaccgggca tattcggtca gtgagaacat gtgacgtacc 60
 taagcaggcg agctcctggc agtcaacaga taaaaggaaa acacgaccac agagcaggga 120

<210> 689
 <211> 224
 <212> DNA
 <213> Glycine max

<400> 689

cttcaccttc ttgtcttcaa cgtgaactat gaccattgtt ctatcttccc gcgatgcttc 60
 ttttcatgtc cgctgagtg ggcttatagc ctaaaccata ctctccaoga ttgcttgtg 120
 tatttatcag gctagttatg ccgacgttgt atttgctata cccatcctgg gttcataacc 180
 gttccccaac ataactcggg ccatcattac cgctgcatcg gaca 224

<210> 690
 <211> 209
 <212> DNA
 <213> Glycine max

<400> 690

tctgtgtggt ggtcggcaga ggagcataaa ccacacagtc tggcgacagg tgcagatatt 60
 tgagtcatgg ccagttgggt taccagggtta accaaggcat ctagtttacc ttcaagcttc 120
 ttagtctcac ctgatgaaga tgaattcatg gctacttcaa gcactcctct aatgacaata 180
 acatcatttc tggcactgaa ttgctggga 209

<210> 691
 <211> 386
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 691

accaagtggc ctagaatttg atcctggctg tcgacactct ttaagtgaag agccgcacgg 60
 ttggggagcc tatcctgtgc cagcatgcaa gcttaaaggg ctgttatgta agggagcggg 120
 ttacgcatgt aatataaaac cattgggtgtg ggattagcct acaactaatg ctattctagt 180
 tctctagata ggtgggtgac aggcattgga gacggcgaaa aagttaacta taataccgca 240
 tcataactaat gaaaacttcg catgctcaat gaatgcttaa taagatatgt ggctgcacaa 300
 gaaaagtgac acttacgang accgctcta tagatcgact cttgccggat ccttgcatgt 360
 cgtctttata acgcatacat tctgac 386

<210> 692
 <211> 187
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 692

gcttatattg taattgttta agttgtaaga ctctcgaaac accttgtna tcctgagnaa 60
 aaaaagatta ngtgcttaat ttgtatatct gtctataaga cattaaggct agtttatgtg 120
 catacaaaca tcaacaactc tacntaattg ttagagccag aaatggctta atagtcaaag 180
 aatactt 187

<210> 693
 <211> 614
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 693

tcgacacttc anttctccat tgtataactc cganatcata attcntntac tggctactga 60
 cacncaaach annacccgaa gaganaattg atgcgtctcg tacnagagat cctctaagtc 120

tacctgccgc atgccagctt gtggaagagg caaataacat attatgcgtg ttgctatata 180
actatctccc atctctcaat caatcctttg tatagtgtag gcttgtagac cacaaacttg 240
catatgggga gtttgaggag gtgtacaact ctatctttac gctgtgagaa ttgttcatat 300
tggctgtggc tatcctttgt gaacatgacg gtttacgtgt tgggcgatgg tgtgcgtgac 360
tcaccacatt tgctaaactt gtgaatgttc tctgatgtga cgatcaagat tacgattgtt 420
gctgcataac gggttctgaa ggatgtatac tgtacgggtg ntgactctta tctactctat 480
tccacagcac gcagcaccga agctacttgt cctccggaac cataaatcgt acgacgtatc 540
atacgttccg attgatcaat cgaatgtaac tatccacatc tcggttcgat catacctatc 600
accctaacta tacg 614

<210> 694
<211> 436
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 694

caagatgatg ggctcaacat atnaacaaac ccgctggcca atcatggagg ngggcggata 60
atgccataga tgtgagtagg ncgcaccggc ccatactttt gaaggatgga acgacctcca 120
gaaggtttat ctacgaagcc ctgtcaaaga cggatgatt tcccgtgcca gagaacatct 180
ttgctaattgc attccgttgt actgcatgac atggaaacat gctcggcgga tagagatcta 240
ttgcacaaaa tgatacaaca cggctagcta gatgtcgtct atgatgggga ggaagaatca 300
catgtttacat cgccgctacc aatgatcaag tgctcataat cctaatacctt ggtaatcatt 360
acctagacac tattccaatg acccaacacc tttgcatgat ggagcaaca ttctattctt 420
acttatcgca caactc 436

<210> 695
<211> 425
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 695

agatgcatgc ccatctatta aatgttgcca gtataatctg ctctattatt ttacaacacc 60

cttgttttaa gtgtttcggg aattatatat aatgaaatgg aaactttatg cttctatatt 120
tatgattcta tcgagttcaa ctgactatat accaatatgt ttgtggtata aatgcactct 180
aaccatctta attattacta aaaaaatgac atctaagaca gattgattag aatatgtttc 240
atcaaattat ttgtaaaaaa atatatagtt taaaacgatt cttagaaaaa ttatttcaaa 300
aaaattatgt ttgtaaaatg gtttttaaga aaatcgtatt agaactctta aatctgttaa 360
ctttttttgg tttaaaaaag acattataaa acnggttctc taaaaatcgt cttagaaaat 420
ctatt 425

<210> 696
<211> 532
<212> DNA
<213> Glycine max

<400> 696

aacattcatc tccatgtact attagtgtag caacatgata ataatccacc cagcacgtac 60
atgatgcttc gtctcggatc ttatatcacc tgacgcatca agcttgagcg aaaagtgtga 120
agatcacact tcctactttt attcgcgacc acgagtggac ctggagatat gtcgccgggg 180
tcaagagatc ttggggaccg caggtggggg gctatcttcc aaaccaagct tgaccagtcc 240
cgaccecaacc cgggcatagt ctgtcagtga gaacctgtga cgtacctaaa caggcgagct 300
cctgcactca accaataaag aataatgacc caatgcagga cgctgcgtgg tgctggctac 360
tatggctctg gtgatactgg atatggctta gctaagatac ctcggatgta atcgatacaa 420
gctaaaatga aaccgcagct atattccttg gtatccaacc acggtgggtat gttcacctc 480
tataatggat ccgagttgca tctcttgtcc tcttctactg gacggcggtta tc 532

<210> 697
<211> 455
<212> DNA
<213> Glycine max

<400> 697

ttataccatg gatgaataac agcggctcag ctacatcaaa aactaccaaa agaaacttag 60
agttgacaag tattgcagct tacaaagttc attggatact ggaacaaaca aaggctcgac 120
taaaggaaaa agagtcattt taccttcaac ctttgttggg agcccatgtt acatggatca 180

actttatatt gatggtatgg caatatgtgg tcatgttggt ttcctaaatc tttttataac 240
tctaacatgt tatccaaatt gtcctaaaat tcgtagatta ctttcacctt tgaatcttaa 300
accaacagac aggccagaca ttgtctcatg aattttcaga ttgaaatatg aacaaatgct 360
ttctgactta ccaaagcatc agctgctcag aaaagttggt gttgcgcgta agtttagaat 420
gatctttgct gttgaacgta gaaatcaatt gatca 455

<210> 698
<211> 431
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 698

gcttgtaaga attgcaagat catcttcctt gactacagtt ngaaaaagat cgccaccaat 60
ataaagagat gacaatttag agagtgatcc aagactttca aatggatctc cactgaattt 120
attagtagac agatcaagat atcttaatga tgaatgcttt ccacacgatc taagaagagc 180
accacctttt gtgttggtgg aagaatctat ccgctcaata tttttaaatg cacctatata 240
atctgtcaga tggcctgaaa gtcgtcaact ctgaacttga agtcttgtga gtccatggga 300
aatacattga gcaagaatct ctaacagttc attaacctgc tcggttgagt ttgagattcg 360
agatatcaat gtcccttaag tcgcagagat tacccaaaga agttggaatg ttttcttcat 420
gtcgatacct g 431

<210> 699
<211> 381
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 699

catcangaaa caatntcact ttaaaagtgg gtcccaattg gattcctaag tttcaactta 60
ccttttttgg agtgacatca tggcagttag gtcccagctt tccatcgtgg attcagtcac 120
aaaacaaact tcaatatggt ggactgtcta acacgngat tttagattct attcccactt 180
ggttctggga accacactct caggttttgt atttaaacct ctctcataat catatccatg 240
gtgagcttgt gactacaata aaaaatccaa tatctatcca aactgttgat ctaagcacac 300

atcacttatg tggtaaatac cctatctatc anatgatgtg tatgggttaa acctttcgac 360
caattcattc tctgaatcca t 381

<210> 700
<211> 389
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 700

agctntgagc canaatcatg actcaccata taccttgacc cagggtgaga atgccaatcc 60
ttaccctcgg aagcaaaaaa agaagagaa cgaaaatttc caatcaaagg aaaaaggaga 120
aggaaaattt ccaatcaaag aggaagcaaa aaaggagaga aggaacattt ccaatcaaag 180
gaaaaagaga ggaaaggaaa ttctcaatca aagagtgcga gacagcaaaa agaaaagaaa 240
gataattccc aatcaaagaa tgggagatag aataaaagag agaagtataa aagaagactg 300
ctcctggtca aagaanacag aagaaatgtg ccgagaggtc cttggaccag acgatatctg 360
aacaatacag aattgtcacc aaatgaaca 389

<210> 701
<211> 346
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 701

aacacaccaa aagattatga tgatgcatgg ctcaaattct caccactttc aaattgagct 60
ttcaaaacta tcatgacatg tagaagaaaa ataaggattt caaatcagaa aatgtcaaga 120
gacttttatt ttcagaacaa ttaccattt cttgaacata tcctataatt caaagaanaa 180
tatgcaaagt tgtacatgca aacagaattt gacctaaata ttaaactaga aaccaacat 240
acttaaaaac aaaactaaca aaactaaca aactaggaat accaaactaa cttaaaaaat 300
tactaaacca aaaccaaaga acaagtcccc cataactaaa caacac 346

<210> 702
<211> 416
<212> DNA
<213> Glycine max

<400> 702

agcttggcat caaagcgctc tattcagcat ttgactcca cccttctcgg ggatcttagc 60
agggtttttt taccaatacc ttctctctcc aatatttgct tgaaatacat tactttaaga 120
attaatttct aaattacacc attttctata gcaaagtcgg gttctgacat cccaacttga 180
tattttttta tcattctaca cattctctct ccattgtttt cttacaatac actactttat 240
atattaattc tcacactaga tcactttcaa caaattcacg aagatcgggg tcggacttcc 300
cttttttatt tataaaacac tctatatatt attaaaatta aatattatat tatataaaat 360
tatttctaata taatatagaa tttagctatc tattaaatta atttatggaa tattat 416

<210> 703

<211> 434

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 703

tgataagtnt atgggctaaa ctgggtttga ttaggggtga ttcataatta gtcacaaac 60
aattaacttg aanagttaaa tgacttataa gagtaatttg atgaaaatac tttttttgag 120
ccacaagatt atacgaaaga tttgataata ttaaattcga gcagaatatg cttcctcgag 180
ataaaaaataa agaagcaaata gacttgagac aaattgcttt tgggttataaa atgaatgagc 240
agaattttga atctcttata gcggtaaaaa aatttagcag atgagttcan aatttttaat 300
acaaatactt taacacctct tgattgggaa aaaaaaatct ttgggttgatt atctctaana 360
tccaagctcg taagtttata aaaaaagata aatatagagc attgaactat gctgatttag 420
gagatgacgt atat 434

<210> 704

<211> 420

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 704

gcttcttctt gggtctctcc ccattngaaa ccatcatttt tcttgagcac ttcattgaga 60
ggtgctgcca atgtgctaaa atccttcaca aatcgtctat aaaaacttgc taagccatga 120

aaactcctca cctcggacac agacttaggt gtaggccatt cttgaatagc cctaacccttc 180
 tgctgatcaa cttgcactcc ttttgaactc acaacaaaac caagaaacac aacatgggta 240
 gtacaaaaga tgcatttttc aagattggca tacaattggt cttttctaag cacagtcaag 300
 acagatttta aatgatcaat atgcaaatca agtgaagtgc tatagataag aatatcatca 360
 aagtacacca caactacact ttctatgaac tctctcaaga tatgggtcat taatctcatg 420

<210> 705
 <211> 401
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 705

ntataagtgc ggggtctggga gactaatgtc aagtgttcgc gatatgtgaa gatgatgttc 60
 caagtacttc ggatttggtc cgaccatgcc ctctgattt ccagctggga aattggcgag 120
 tggaggaacg ccccggcatt tacgcaacaa gcataatgta aacctttacg gttttaaaag 180
 ctctatagtt gggcctaggc ttcagagttt tcattttggt aaggctttgt gtcttttggt 240
 ttttaattta taatacaagg atctntcttc atctgttcct ggtctctacc cattctcatt 300
 catttgcatg tttacttctt tntctaaaac ggcagattcg atgacgagtt ccccgaaagta 360
 ctaatacctg ggaccctgtc atcaacttcg agcaagaaat g 401

<210> 706
 <211> 421
 <212> DNA
 <213> Glycine max

<223> unsure at all n.locations
 <400> 706

ctcctacant tcctctctag catgcattnt tctttctttc tttaccact cctcacgttt 60
 ggtttttttag ggaaaaacat cataactaaa cgcgccacaa ggcattcccta tcgcaccaga 120
 tccaaatcta taacgatggg tgatcaagag gagacacagg aacagatgac agccgacatg 180
 tcggctctga aagaacaaat ggcttacatg atggaggcca tgtaggtat gaggcagctc 240
 atggagaaga acgccgccac cgctgccgct gtcagttcgg ctgccaaagc agaccaact 300
 ctcttggaac tgtgcccac ctcctaagc gtgtaggacg ggaagggacc actgggcacg 360

atggcaccct taccttgata caaccgagcg gctaccctta ggatngccgc caactactca 420
c 421

<210> 707
<211> 450
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 707

tcgtgatttt ctggcagcat tgtgataaaa gtccttttag acaaagctct cataacaatt 60
tcaggtgccca gtaagttaga aatgcatgac ttgatacagg aaatggattg ngaaattggt 120
catcaagaat ctatcataga ccttgagcga caaagtcaat attggaaatt cgagtaagt 180
caagatgtat tgaaatataa catggtaaaa tggatattca actgctttta ttngataata 240
cctgtgcttc ttagaatgta tctagtatga tagacctgat cattattatt ntaatttttg 300
gttgatcatgg aactgatatt cgtgaaggca taactctaga tttgagtaaa ttaaccagg 360
atctatattt gagctccaat tccttggcaa aattgtctaa catgagattt ctanaatcca 420
tgatttgtgc tacatgactt actgatttac 450

<210> 708
<211> 330
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 708

agcttnnccc agtccatgag ccgctgaagt tactcttcta tcgnggngca ggtttccatg 60
tcgtgtgatt ccccgagatg aaacaaacat tcctcacttg tgccttcgcc acgagagacc 120
atgcatgttg cctgcagcga ctggtagatg aaccgtctag acatagccac atcttctaata 180
ctctctgact ctgacgacct attctttgtg atggcattta tgctaactcc cccatgactg 240
gctagtggat tggtttaacg ttggggccct cttcttgaaa ggatagtctc tccacactta 300
ttatgtgtag caccttatac ttgaatggcc 330

<210> 709
<211> 381
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 709

ttataagtgc gggctctggga gacgaangtc aagtggctcgc gatatgtgaa gatgatacgt 60
gctcatgcaa caattgttag ccatggctat acgagacatc ttgccaaaca aagttagggt 120
agcgataact cgcatgtgct ntttcttcca tgctatatgt agcaaagtca ttgatcctat 180
caagtttgat gagttggaaa atgacgccgc aattatactg tgccagttgg agatgtattt 240
tccccctgct ntatttgaca tcatgattca cttgattgtg atctggacag agaaatcaaa 300
tgttgtggtc ctatttatct accgaggatg taccgggttg agcgatacat gaagatcgta 360
aaagggtata cgaagaatct a 381

<210> 710

<211> 464

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 710

agcttgagaa ggtggcaaaa agcttataga aactttaaca tgtatttact atggagtatg 60
aaaagagagg acttgaacag aggtaaggta taaaacacca gttctgtggt gaaagtaaaa 120
acgaaatatc tggtcacac ttgattcaat gaattgaata gctcaaggaa atataagcac 180
ccatgatggt tgtggcatgt acttcaacaa ttaattcaat atagaaacta taataattga 240
tacgaaataa aatgtgtgga aatattgaga ccatacttca natgagtaag taatatgcat 300
cttgaggttc caagtatata ttgatggctt cacagattca tcccttgaag ttaaaatact 360
aacaagcaat ttgaagatca actttccagg tatgtaaaac acagaattag gatcatctac 420
agtcttatat agaactgcat caacctagtc cattgattta atta 464

<210> 711

<211> 502

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 711

gcaccctttg aaccctgan nncctganc ccctgttgac accttgctat tcgtgacctc 60

tggataactca gccttgtgat cactgtatca ccagcatatc tttcagctct attgaaagcc 120
 tatctgcttc aaagaaaaat cgactcatag tcagggcggt taacaaaaat cttctggaaa 180
 ggactcattt ttgaattcat ctttaagggt ttcagtacat gtatggngtg agacagggtt 240
 ggaaaataca attgttccag accccaagcg agttaattac tgctcacagg ggggtagagt 300
 tatgctaaat gtgtcagcag atggtagccc acgcaatgca natataatgt ccactatttc 360
 cgatgaatac cagaagctga agtactctgt ctctcttgaa atatttcaat ttactttgtg 420
 tgtgaacaaa gagaaacagt ccacacagat ggaacttgaa agaccagatc tgtctatacg 480
 aatatatgag gagaaangcc cg 502

<210> 712
 <211> 474
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 712

gcttttttga gtagaaacat gggaccaact cattttatct caaaaatggt gtatctagtc 60
 aaggcttaag attccatata agtttcttag cgattttctaa ttatgtgggc cattaagtct 120
 atcatatgct gacaatagcc gagaaaccca tgaatttctt cgggggcgga gtaagtgtct 180
 gccatcgct tggccttggc taacaatcgg ggaagttcct gactcccggt caaggtaaga 240
 gcaaaccgat ccattccat ggttgctctt tgggtgaaaga gtgatcacc cttcctctag 300
 cctctttntc cgcgtatact tgggcatact cgtccgcgat cctatgctcg tgggcccgtg 360
 ctagacctaa ctcttcttgg tacttggcga tgatagctag catgttggtc tccgtctcgc 420
 atagacgctg agacaagctt cttttggacc ttgaacaggc aactaactcc tctt 474

<210> 713
 <211> 427
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 713

gtgcgggtct gggagacgaa ggtcaagtgg tcgcgatatg tgaagatgat gttccaagaa 60
 ctctggattt ggtccgacca tgcctcctg atttccagct gggaaattgg cgagtggagg 120

aacgccccgg catttacgca acgagcataa tgtaaaccctt tacgggtttta aaagctctat 180
 agttgggcct aggcctttaga gttttcattn tgtaaggct ttgtgtcttt tgaatttata 240
 atacaaggat ctttcttcat ctgttcctag tctctaccca ttctcattca tttgcatgtt 300
 tacttctttt ttctaaaacg gcagattcga tgacgagtc cccgaaggta ctaatacctg 360
 ngaccctgtct atcaacttcg agcaagaaat gaaccanacg gaagatgaag gagatgagga 420
 tgtggga 427

<210> 714
 <211> 289
 <212> DNA
 <213> Glycine max

<400> 714

atttccccct tcttcttttt aaatatacca ttataaaaaa gggaaaaact tacgtagagt 60
 tattaaccta tttgtggaga tttaaaacat ctgggttaag agatccatct aagagcctaa 120
 ataaaatctg gaagacagaa caagggaat gttaaagaa gaagaagtga atttgcata 180
 atagaacgag tgagagaaga aaaagaagg acctcaattt gccattggc tgcagcaata 240
 tgaagaggag agtgacaatc atagagaagg gtcagagtcc aagagagct 289

<210> 715
 <211> 383
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 715

tcttctgacc cccgcgacat attctcaagt accactcagt ggtcaactaa taaaacgtgg 60
 aggactgact ctttcacact ttctcacacc gagcttattg gggtatgggg caccgctcat 120
 atgtggtact aggtggcgat cgggcgatgg cgcanaacaa atatccatt tccacaagcc 180
 caggcataag cccaccatcc ccangtgccc accttataaa ttagttcatc accgggtccc 240
 catcaacctc tccaagcttt cacaatatct aaacaattca attccatttg tcatgaaact 300
 accttaaaaa cagagtgaag gtagaaatct ttacacaaga ttcattcana ctccacatag 360
 tttttccaac ccacatacct cag 383

<210> 716
 <211> 69
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 716

agcttgaagg tgtgtaaccc accattttcc atattatata tactggnaac gtgtctacta 60
 tcatggaca 69

<210> 717
 <211> 240
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 717

agctntgtat aatgagaatt gtccttcaac aagctttgaa anttggcatc tgaagtctga 60
 aagctctang cagataagtc tgcaaaagct ggaagtgggtg ctgaagtaaa agatgcaagg 120
 atgccagcta ttggtgcana ggaagagga gcatcagctg ctctgatctt ggtcttcctt 180
 gcctctagaa aattaactgg ttgggtcattc gcattccaac angttcttat gatataagct 240

<210> 718
 <211> 461
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 718

agcttgggtc aaccncgtaa tccaaggaat ggaaattctg attgccaata cttcaacaac 60
 atctcatagg gatgaatgac tcgggcatac tttaagctta tgcacggaaa atgtaattat 120
 gaaattgaga tgcccgaaga aacaccattt cctagttaac catgcattag gtaccatggt 180
 caattatttt gttttgttgt tgtgtgtttt ttttttagaa atgggtttat gatcccaaca 240
 tggttgggtc atgggtgcta acacatgcaa ctaagaatgt agtgtgaagt ttcacgcttc 300
 cccttttttg tttttgtttt gtagaggaaa acgcaaggat gagcaaacaat gaaaacaaat 360
 ggtatgcaat tntgcagatc aaaaagtttg ttgaacgcat atgcatgatg atgccatgac 420
 tcatgcanaa tgtgaggctg gaatatgata acggacaaat g 461

<210> 719
 <211> 398
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 719

ttgagggaga atggttagata atatgttttt tctttaataa ctttcttaat atacatcgta 60
 gactatatta acacattcta agtaatcgat tacgattttt ttttattttt tattttatga 120
 tgaatttcat gctgatcaca cacacttttt cactcatata atgagactaa aagaataaaa 180
 tatacgtata cacgcaatat aaataatgga aaggaatata aatttactgt gagtcgacac 240
 tttcaattat ttttatgaaa tatatcaata aatattcatt atcctcaatc aattatgaag 300
 tttttagacg aattttctcc ttttctttgc gagacttctt tcatgtcggg cgatggctct 360
 cctttcaaga tgattattct tatttcanaa acttttat 398

<210> 720
 <211> 516
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 720

ccggtnatat ntttgaaacc ctggagtttg gctttaccat cgatnaccca cannanaaan 60
 aanaacacat ntttgatgaa acacgatgac acaatcacia cgacttgtgt catgtattgt 120
 actacggaga tccttaacga gtgaatctct ctctaggaga cacgtatgga actgtatgaa 180
 tattacgcat acctacttta gagcgaagct ctactgcttg agaagacaaa ctagatattc 240
 acacaacccc atcttgatat gtttagctca cccgatgaca tattacatgt taagtgtgct 300
 gaacttctgt tgtgctgaga cacatttatt gactctctat gataccgtcc tgcgctatgc 360
 acaggttata gagacttata ggtgacctgt ctaacgaaat gccagttgat atcgtgtcat 420
 ctataatcgg gcttatgatt ggacacgggc tcgaaactaa cgtatggcga agacaacatg 480
 tggactatct tgggtgttatc tcaactgatct gggaan 516

<210> 721
 <211> 391

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 721

atcttaagtc acctgccgca tgcaagcttg cctcanagag gtccaggaag gacatggcat 60
ccgaaggaac tagttccgct ccggagtatg acagtcaccg ctttaggagc gctgtacacc 120
agcagcgctt cgaggccatc aagggatggt cgtttctcca ggagcgacgc gtccagctca 180
gggacgacga gtatactgat ttgcacgagg aaatagggcg ccagcgggtgg gcatcactgt 240
gtactcccat ggccaagttt gatccagaaa tagtccttga gttttatgcc aatgcttggc 300
caacagagga gggcgtgctg gacatgagat cctgngtaag gggtcagtgg atcccgtttg 360
atgccgacgc tatcggccaa ctctaagat a 391

<210> 722
<211> 289
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 722

tgctatgtgc tcgcgagtgg cacctctctt cccttcgcag cttgagttca ctattgctac 60
cccatagagc tccgcgaaga ttattccggc catactcttc cttgcgagcc ctcttggact 120
cttgggtcaag ggctcttgcg gtaattgcat tctcttcccg taaccgggca cactccttcc 180
gaatgtgtgt agcggccaac ttgaacttct ccttggaag ntctgccttt cctaactcgc 240
ttttgagagc tcggacttct tcgacctctt ccgaggcttc aaactctct 289

<210> 723
<211> 296
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 723

atgcaaaagg tacgtatagc aacgtgcctt ctattcggtc aagcagactt gcacttcaac 60
ttatcatatt tttttcttct taaacaacat ttttatccta aaataaaata aggactctgt 120
aatntatatt tattttaaaa aaatatTTTT aaatctcata tattttaaag agatgatgaa 180

gtcagagtaa ttgattatgg aattttaaaaa tccagtttat aaaaaaatg tgattatccc 240
atcgaatttc taaaaaaaaa catgacacat cagtgggtta ttaatattat tgggat 296

<210> 724
<211> 125
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 724

gtatgtgntt ggtatttatg ttaaatataa agnttaanna taanaatgag agtttgtatt 60
aatatttaat agtatgtaag gngatgaaaa aaataaatat ataaataaaa tgaattnatt 120
attag 125

<210> 725
<211> 392
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 725

agcttcttga ggaagcctct taatgaagct tcttgaggaa gctacatgag ctgccttggc 60
aaaaacgttg cccagccttc gataaccgtt ggatcttcgt gtaatttggt ttgcagcttc 120
acaagacaat tgtacacgat ctgcctgttg ggatctttga gaagatgtct ggagtgtgtg 180
tgaagcttcc gttcccgaga gaatttctca tttaagcatt tcagcctttg ctttcgtgta 240
gcttaagaat tccttctcct ttctttcttc canagtcatt tctaacgccc caagcatttt 300
ctccatcacc cacaaccacc attagccatc acanaccgcc attgttctcc attgagacct 360
acattgaaag gaacccttca accgaagcgg aa 392

<210> 726
<211> 447
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 726

ggaaggtttg tacatgacca aatctttagt taatcgtctt tacctanaac agtctttgta 60
tttgtttaag atgcatgaag atagatcact aggagaacaa ttggatttgt ttaataaact 120

gattctagat cttgaaaata tcgatgtcac tatatgatga tgaggatcaa gctttgttat 180
 tgttggtgctc tttgcctaag ggttactcta atttcaaaga gactntattg tttggaagag 240
 actttgtttc tcttgatgaa gtgcaggctg ctctgaattc aaaggaattg aatgaaagaa 300
 aggaaaataa gtcctttaca agtgggtgaag ggctgacagc aagaggcaag accttcatga 360
 caaatagtaa atctgataag aagaagcana agccagaaaa ccagaagaat ggtgaaggaa 420
 atgtcttcan aatcagaggt catcact 447

<210> 727
 <211> 329
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 727

gatgggtgaga ctgactctaa atttgatttc tgtggaccag tcttagtgct tttgaaattn 60
 tatcaaaata taccattgg ttttttatta aattgcgctt gaattaaact agataaattt 120
 tgcaatgaat tctctattag agccccttgt gagatgaggt caaattaagg tccatttgtg 180
 acatacaagg tggctgccct attgtgcaaa ttgggtttgg cagtgtgtgg gtctctttga 240
 ttttgagtct ttataagggt cgaaatgttg tttatagctt cttaaattag ctcataaatt 300
 ctttctaacc atgtctatta gaaaaatta 329

<210> 728
 <211> 429
 <212> DNA
 <213> Glycine max
 <400> 728

agcttggtgg agttcaaaga gaatcgtaga aggttcgggc taagatataa gcctacacgc 60
 accgacatga agagaaacac cctataaagg agaggcagaa gtgtggggcca ccagcaagga 120
 ttgcaagtaa aaggaactcc cttatgtcac atcaacaaga gttttgtcag cgcacgctgg 180
 atgtgtgagg ggtgggttgc catgatccat gatgaagtcc ctcaagagca atcaaactgg 240
 gtgcgggcat gccctcctat gttcgagttg ggaaattggc aaattatcaa acaaccaca 300
 atttttgtgg caaacataat gtaatttggg aatccaaacc ctatagctga gcctcggctt 360

gtcttttgct attagatata tataaaatat aatctggctt cattttttct tgcactttca 420
tccctatatt 429

<210> 729
<211> 265
<212> DNA
<213> Glycine max

<400> 729

tctttgagaa aacttccttg agaagctaga gcttagctac acttaccct ctcataacta 60
agctcacctc cttgagaagc ttccttaaga agattcgtaa agaagctaga gcttagctac 120
acatacctct ctaatagcta agctcacctc cttgagatga gaagctagag cttagctaca 180
cacccttat aatagctaag ctcaccccca tgacaaaaaa catgaaaata aaaaaaagt 240
ccttattaca aagacaactc aaaat 265

<210> 730
<211> 254
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 730

ggcacctcac ataacctgtt attctctnng ccaagggaaa gatttggagt aaaactttgg 60
aggtccacga aacagacgac aaattatttc taatgtataa taaatacttt tagtttgata 120
tattttttta aatgaacgag aaaaaaatga tagattaaca taaatggaat gttctaacac 180
cccagtgcc ggaggttcc cgctatacga aggtatgtgg gaggggtatt ngacacagac 240
ttacccttgc ctat 254

<210> 731
<211> 559
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 731

ctcgtaactt aactcggtt cgtactcgca actngctcg tatttctatc ctatatgtta 60
tcncacacgc tgtgtatttt gttgattctg ttcgaaccgg ngatcctata natagacctc 120

acgcatgcc a gcttaaatac caccagcatc aaagatctat ggtctgttga cggaacctct 180
 ccaaatacgga tctttccgca agaattacgg aaagatctta taattgacct tagccgacct 240
 atccatgaag ccattgagac actcaaccta ttatacgacc agcctttgaa atgttttcat 300
 tcggagactc tcactaccc caccatgga aatttgagaa actttagggtg cctctccggg 360
 gaaaaaacat attttctttc cggggctccc tctttgacca attgccctgt ggcaagggtt 420
 agaaaagggtt gaagattaaa aactcggga cggtgtgtgc ccccccgggg actctaaaac 480
 tggaagggtt ggcaccaagg atgggcccc ttttggggga cctctatatt ttggggggcc 540
 ccttcacccc cagcgggtgc 559

<210> 732
 <211> 329
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 732

gagaaaactt ncttgagaag cttctttgag aaaactttct tgagaagcta gagtttagct 60
 acacacaccc ctctaataac taagctcacc tccttgagaa gcttccttga gaagattcct 120
 aaagaagcta gagcttagct acacacaccc cctataatag ctaagctcac ccccatgcaa 180
 aaatacatga aaatataaaa aaaaagtccc tattacaaag actactcaaa atgcccttga 240
 atacaaggct taaaccctat actactagaa tgggccacat acaaggccca aaagaaggaa 300
 aaccaattcc tacatttacc aagaagaat 329

<210> 733
 <211> 470
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 733

acactcttag gatttgcta gtttacattt cttgcttaca ttcataatag cttatttcct 60
 ttaccttcca ttgtcaaacc gcttagatag ctttcctttt accaattagt tntttacctt 120
 atctttcaca cctcttttag tgtttatttg gctagnttca accatagttt cttttacctt 180
 ttgttntcaa acctccaaca agaaagaacc acaacttagg aaccaatatg agtcatcatt 240

catctagtgg taatggcaag ggtactagtc ataaagaccc tttatctaga atcttagatg 300
 agttgagttc cctcacgtta tggaaagaan aacaagagag aaaagaanaa ggaagaataa 360
 gagtggaaga aataaatcat gatgaaagaa agacaatatg agaggaagaa agaagaacaa 420
 taatgaaaga aatgaanaga gaaaaacatg cctnctatag tagtcataac 470

<210> 734
 <211> 429
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 734

atgatttggg ttatcctcta nggcaatcag tattcagtat tttaaattcc ctctcaaaaa 60
 attgcaggct tgggtggcggg gccacaaagc tgccatatat tataagaggc ttagtagagg 120
 tgcaatagtt acacaatgca gatggagggg gcgcatagcc aggaaagaac ttatgaaact 180
 gaaaatggta tgtttttacca tgattcttat acattaagta gatccttcag aaatagatga 240
 caaaagatgt aacacgtcca tcctacaaaa cttatggcac aaaaagcaaa agatactatt 300
 tgatcaatth ttaattgtaa aattgagttt caaattatag atatatacaa acaatattca 360
 tattttttgt ttcattatta tcttcatgaa gggaaaaaca atagaagaac ttanaattct 420
 cttctgatc 429

<210> 735
 <211> 371
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 735

gcttattctt ncatggctta tttcctagag gatgggtgctt actctcacct ctctccttt 60
 atctttcggt gtaactccat ggctgaanat caccattgaa ggacctcatt aaagctcaaa 120
 gatccaacct ttataaaagc ttctcaagaa agcttccatc aggacttttg gacatcatag 180
 tgcctacagc tgaggcatca aggatcatct tggttngagg tttcatacca ctatggaaga 240
 tatgcatatg tgcactgtca tcanagttat ggtttatgca cctctgcaac aaagctttta 300
 atctctccca tgtctcacag agaggtttgt gagatccttg ggataaagtc atgatgaagg 360

ggtttacact g

371

<210> 736
<211> 335
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 736

gagaaagtgt ggaagagtca gtcttcctac ttttattcgt tgaccacaga gtggtacctg 60
gagatatgtc gcgnggtca agagaccttg tggacgtcaa gtgggggtgtt attgcccaaa 120
accaagcttg accaatcccg acccaacca ggcatagtca gtcagtgaga acctgtgacg 180
tacctaaaca ggcgagctcc tggcagtcaa ccgataaaag aacaagacc acaaagcaag 240
gaggcttggt tgggtggctgg ccagctatgg atcttgagtg atatatgggt tatggcctct 300
ggtaatcgat taaaaagggt gtgtaatcga ttaca 335

<210> 737
<211> 504
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 737

atccttaagt cacctgcggc atgcaagctn gttcgcacat cgntcgcgtg tatgacatcc 60
actccacaag gtttgaagta gaggagacct tcaatcctat tacgcaacgt ggcggaacaa 120
aatgggcagt taacttgaat ggtcattatt gtcaatgcgg aaggtattct gcgcttcact 180
atccatgttc acatattatt gcagcttggt gttacgtgag cctgaactac taccaatata 240
tagatgttgt ttatacaaat gagcacatct tanaagctta ctccccacaa tgggtggcctc 300
ttgggaatga agcggtctatt cctccttcta atgacgcatg gacacttata catgacccaa 360
ctacaattcg tgcgataggt ccggcaaaat caacaaggat aatgaatgag atggattgga 420
tcgaaccatc tgaccaccga ctaaaatgca gtagatgtgg agccgaaggg cataacangc 480
gtcgctgccc atgcaatctg agcg 504

<210> 738
<211> 411
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 738

ttcaccgacg aaaggaccac agtaggtcta ataagagaca aatctgatca tcatgctttg 60
atacatgccca aaaaaaacta cggcaaatga agagggtgag aatgaggaag aagcccatgc 120
tgtgactgtc attcctatac agccaagttt cccaccaacc caacaatgtc attacttagc 180
caataacaaa ccttttcctt acccaccgcc agttatccac aaaggccatc cttaaataca 240
ccataaagtc tgtctaccgc acttcanatg acgaacacca ccttttagcac ataccataaa 300
caccaaacia gaaatggaat ttgcagcgag aaagcctata gaattcacc ccaattccagt 360
gtcctatgct gactngctcc catatctact tgataattca atggtagcca t 411

<210> 739

<211> 420

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 739

agctctcatc tagccaagaa ttacaaaag tgttacaaca taacctaacg atttctaatt 60
atatgggcca ttaaatttat catgtgttga cagtaattga ttagcccggtg aatttcctct 120
ggggctgaac acacttcggc catgggcctt gctttggcta gtagtcgagg gaggtcttga 180
cttcatttta aggtcaaggc gaacctatcc atccacatgg tcgcttcttg atgcaatgca 240
tcaatcacc cccctcttgc ttccttctcg gcgtatgctt gtgcgaagtc ctcttctatc 300
ttttgctcat ggggtcanaga ctgggttaac tcttctttgt actgtcctat tatanctagc 360
atgctctgct ccgtggcttc taagtgttgg gccaaacttt tcttggatct tgagcaagct 420

<210> 740

<211> 427

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 740

tgtatcgatt cgctcctagt caggatcaca tcatcttget cctttctttn tcatttaact 60
tttggtcttt gtttccttct ctctttatat atgttttggg gtataataat tcatatatgt 120

atgtatgtgt cggaacctac ccttcggtaa gagggcgagg cgaaaagcca aaggagcatc 180
 ttccaaaaag gaaaacccgc gggagtcgcc accaacgttt actctaggaa aacattagaa 240
 aaaccaaaaa aaaaagggtcg aagggtctgca aattttgaaa atgaggggttt gggagttggt 300
 tacacacgag gaaggatatt gcacccacg cactcgtcac aagggatggc aacctttaat 360
 cgagtgtgca naacatgaac ttcaaatgt gtattttccc tttcatatnn gtttttttat 420
 ttctttg 427

<210> 741
 <211> 500
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 741

ttaagtcacc tgccgctgca agcttatgat tttttanaaa ataattactt ctctgtgagt 60
 ctccatgaac ctaataaata tgaggagaat gaagatttgt gagtctccat gaacctaaaa 120
 aatctgagga gaatgaagat tggggaatga attataaaat tgtgatcctg tcttttataa 180
 acctaaactg acccgctntt ttcaggaaaa aagataagaa tagttaaact ttgcccgtat 240
 catacatatc actctaatan aaaataaagc attggagaga ccagaacata tgagatatga 300
 atcgaattct tatgcgttta tactttacca taaaagtcac attcaatatt atgtgaacca 360
 ttgatntaga tggtcttntt cttaataact catcatttaa cagagttcag aataatataa 420
 attgatgaat aaatcacatt cgcgcttctt atatactgaa cctattaatt caagccttaa 480
 gctaataataa gcaacatttc 500

<210> 742
 <211> 412
 <212> DNA
 <213> Glycine max
 <400> 742

aatgtaataa gttaaacata aagctattga ttgccgtaat caattggcct aaaggccaag 60
 tagagtatat taaatttcag gcaaaccctt atttcgaatc aactggaagt cgatcagcaa 120
 atctttttaa ttaacgaatt tgcctacttt caggaaggaa aaaaaaaaaa agcagtgtaa 180

tacctaatat atatctgaat ttatcatacg tatttgctac aattagattt tgtaaactgt 240
 aaatctctct aatataattc ctttatgaaa gatgattgta acattaaaaa atatattttg 300
 ggtcagcagc ttggatcttt ataggggggtg gtgccaacct agttgggact actccctcga 360
 ttgtatcagc tgtctcacca ttcatttaat aaataaataa ccaggatcaa tt 412

<210> 743
 <211> 361
 <212> DNA
 <213> Glycine max

<400> 743

gagactatgt ttggcaaaga aaaactatga agaatgcgtt gccatggaaa aactacaacg 60
 cctactctct tcaaaagaaa taaagaaatt tcaaaaattg aaaaaagata tgctgaagag 120
 gtgaatgaat taaatgataa aatccaagag atagaagata aatattatgc aacagagaaa 180
 tggtagcagc agaggaaaaa cactattaag aaattattgg agtacaagtg tgaggtgaag 240
 tcccacatta aatagaagtg gaaaagttga gcaccatata agtgaggaga agacctataa 300
 atctaagtct taaggttttg agttaaagtg tgggtattaa atcccttatc ttgttactca 360
 t 361

<210> 744
 <211> 386
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 744

tggtcaccat tntcaaggat agaattcata agactaagga aaaggattaa aaggaggtca 60
 atgatgatga tgatgatgat gatgaagact atgtacctaa atatgaagag agacttggat 120
 caaattctat aagtgaaaat taccagcacg acaaatatga tgaattttct actacaaatg 180
 atcttgagtc acgggaaaga aagataactc ttgaaaattt tcaatataat gctaataatac 240
 attattgtgt taataaatga gtgggggtggt tttgtggtta ttgtgaaaat tntcaatata 300
 ataccatagg aaattgactt cattntcttg atctatctac atctttctta anaaaaattc 360
 aaattcactc ttttgtaana aaatag 386

<210> 745
 <211> 244
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 745

cataaaaaagt cttgtggaat tgattacaag gattnggtaa tgcactacca atgacaagtt 60
 ttgaataaaa atcacaagat gtaactcttc aaatggtttt caggctattc tanagggtat 120
 aactcttcca atggtttcca ttgaccacac ataaagagtc tataaaagcg cgaccttgag 180
 tngcatattg agatctgagt acaaactttt acatctttta cacacaacct ttgaacatct 240
 tctt 244

<210> 746
 <211> 451
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 746

ggcttctaca atctcccnct ntttgatgat gacaaccctg atatcaagaa acacatgcac 60
 atactttttc ctagtcgatt actcacttaa ttctccatat tctaccctt tggttttgag 120
 tttaagcttc acttgaaatt aagttaatta cttatgtgag ttcttgattt aatccctatt 180
 tctctcccc tttggcatca acaaaaaacc aaagtgcgta acaaatataa aacatacaca 240
 aataactaat catacacaag acattcattg aaaaatctaa accaatcatg aagcaagaaa 300
 catgaataga tcaaatatat aaaaaccaca tagtcatata acataattca tatttgttca 360
 gtcatactat gcaaataaaa gaaatactaa atgttcaa atgtcataataa tatagccaaa 420
 tacacggcta gaaatcaaag tactaataat a 451

<210> 747
 <211> 476
 <212> DNA
 <213> Glycine max

<400> 747

cgcgcgcgcg ctcttattag agaacggtaa cgtcttgtag tattatacac acgaaactat 60
 atctacagga tgccacgtat gaggatgatt ctcaataatc aggcgcttag actcgatctg 120

agagaggaga gacgtataaa ctcatcaact tctctaggat tgaagttctg atctatatcg 180
gaacattatc ttctgacgcg atacctgcat acactacgct cagcatacca gacctctctg 240
cattgtatac gacggaggtc ctccgagtag agttatcaaa cataacctat ccaattgaag 300
cacatggact tttcaataaa aagcacgaca attccattat tacacgtctg ctcatgaga 360
aagagatctc taggccgtag atatatactc tcatattcaa cttagatgaa tgtagaaaaa 420
atgtacttat agctgcataa tgatcatgtg ccggatctaa caatacacga gatgcc 476

<210> 748

<211> 337

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 748

tctccaccat tntcttataa atagggggag aagtgaagag gaatttcggt cagccctcct 60
ggtaattcag aatcacttaa aattagttaa naaaattggt tccgtgaaga anatccaagc 120
cgaggcgctt ccgtaacgtt tccgtgggtg atttcgcgaa ggttttcggc cgttcttcga 180
cgctcttcac tcgttcttcg tcgntcttcg gtcttcaacc ggtaagttcc ctaaatacga 240
cttttcaatt cattctatgt acccttagtg gtcttcattt gcttttacgt gctttcattt 300
acatttcctt tacttttcgt acccccgttt gacgtgc 337

<210> 749

<211> 489

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 749

agcttgtctc agcgtttagg cgagacagag accatcatgt tagctatcat cgccaagtag 60
gaagaagagt taggtctagc cacggccac gagcatagaa tcgcggtga gtatgctcaa 120
gtatatgcgg aaaaagaggc tagaggaagg gtgatcgact ctttacacca agaggcaacc 180
atgtggatgg atcggtttgc tcttaccttg aacgggagtc aagaacttcc ccgattgtta 240
gccaaggcca aggcgatggc agacacctac tccgccncg aagagattca tgggcttctc 300
agctattgtc agcatatgat agacttaatg gccacataa ttagaaatcg ttaggaaact 360

tgtatggtct cttatacctt gactagatat gaattccttc ttgaaatana atgagttggt 420
 cccatgtttc tactccacan agcttgtgca aatcanatca ctctacatc tcattcttag 480
 catgcattt 489

<210> 750
 <211> 451
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 750

ggcgaccagc tcgcccaggc gagtaagggt gcttcctcca gaagcaacaa ccttctggag 60
 gaatcttcta gagggcccaa gtgggcctga ttgctatttg tacctccctt ttactaaat 120
 ccacccctt ctattttttt ggtaattctt tttccgtaac gttacgaaac ttacgaatt 180
 tcgtaacgat acttattttc ctccgcaag gttacgaatc cttacggatt atgtatttac 240
 tctnttttag ctntcgaaga agttacggaa acttacggat tgcgcanaaa cacctctttt 300
 cgatttccgc cacattacgg aatttcacgg attgcgcaag cctgcttcct ttgattntt 360
 gacaggcctc gggacttcat tcattgtgca accaaggacg ccaagtatct cgaagcggcc 420
 aatcaaaggt tgtatatcat caaataataa t 451

<210> 751
 <211> 141
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 751

tactgaccat tgataatata acaagtgagt ttattcagaa attagagttt atgtctttat 60
 cttgtgagag tgattctcct aaattcttga gtgattanag aacaccctgc ctgtatcaaa 120
 ggactttaac aacctttgag a 141

<210> 752
 <211> 131
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations

<400> 752

gattacctct ataatcaggc tcttagactc gatctgagag acgagagacg nataaactca 60

ttatcttctc aaggatagag tgtctgatat atatcccaac aatatcatct gaggtcatcc 120

ctgcatatac t 131

<210> 753

<211> 427

<212> DNA

<213> Glycine max

<400> 753

taggggcagg tacgaacagg ttctatgcc atgatcaatc gatcaccacc cccgcgttcg 60

gctaaagata ttaaagaagc tctcctagga ggcagcctag tatctctaac tttgctcttt 120

aatttcctgt ttcatacttg ttctttttct tgaactatat cctgaattcg cctaagttaa 180

tatgcaatta taggatttta agagaaaaaa tataacaatg aataacacaa ttttgtaaag 240

gattttcttc accaaaaaaa taataattac ctgcgttggg cgagtggcca gctcgcctag 300

gcgagcatgg ctatggtgaa aaacataaaa aggggagggg tgaagccatt ttcaccctat 360

tcttgcccaa aatcaaaacc ttccccaaga gcttacggga gccaccattg gcagcagccc 420

ccaagct 427

<210> 754

<211> 411

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 754

catcacatgt ggcaactatgt ggcggtcggg cgatggtgca caacaagttt tccacatcca 60

caaatcgcg ataaaccac catcccttg tgccacctc caactgagct cacgtactcc 120

cacgtagccc atattctcgt ttctctcaac accgggtccc catcaatcct cccaagcttc 180

cccaacattc aggttaattca acatccaaat catcaciaaac taacaaacca agcaaaacag 240

ggcaaaggca gaatactctg cccaaaactc aaaccanaat cacagctttt tctcacttaa 300

agaccccagt aacatttcct tcattccaat tcgttaaccg gtggatcgac tcgaaaaatt 360

tactggaagt ctctagtaca taagcctaca ttntgaccgg tgggatctac t 411

<210> 755
 <211> 268
 <212> DNA
 <213> Glycine max

<400> 755

catgcctttg acggcaaccg cccacacgcg acgtgagaga tcgacctccc tgtacagata 60
 agccccata cctgtcatga tctccttcaa gatatggata ttaacctggc ttacagctgt 120
 cttttgggac gcccggtgat gcactcagtg ggagatgata cctctacact gcaccacaaa 180
 ttgatagtcg tagtacacgt gcactggggc attgtgtctg tggacgaaga aatcttggtg 240
 agatgcccac tctctatgcc atatgtgg 268

<210> 756
 <211> 448
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 756

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 tccttaagag aggggtgttat ccctgttgaa gatcctgcat actacctgca ccaaaggaa 120
 cataacacag tcattaagaa tcagtgttct gagtatatca atgaattntg tgtccacaag 180
 cctgtggcag aaccagtggc ttgtgtcaag ggaccaaggg attataattc ttcacgtatc 240
 cagtcgtgct taaaagttgt ctcaaagtga gatgaagagg ctgatgttga acctacatct 300
 cctgaanagg aagggataga atgtgataat ccagaatctg aaagtaggtg agaactctgac 360
 atcaagtgct gttatgggtg tgaaactgat atataattgc atgacgtctt atagcagcag 420
 aatctgaagt gaaacttaat agcctaata 448

<210> 757
 <211> 454
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 757

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ctcgattntg cttataaact ctgaaatgtg ctttgctctt ttgctttaag attntatattt 120
 attttggtac agaagatttt atttttttga aacaacaagt attgacaact ttctggctgt 180
 agtaaataga agaaggaaag tggaagaaat aggaaaatga taaactgcac ctctttttac 240
 ttaatcttaa tgattctcag ttgttttgct tttcctcttg caattgtctg aaaccaaggt 300
 ggaggtagaa gtttaaattc cataaagcac ttaaagaaac tatttaatat cctttgcgtc 360
 atttcatttg gatgggaaag ctatatacat ttagctagag catgccatta ctgcataaag 420
 aataccctaa ttaaggatag attatgagac acac 454

<210> 758
 <211> 88
 <212> DNA
 <213> Glycine max

<400> 758
 tgtattgagc attccttttc tgtatcttcc gttttgctta gtttagccct gtaattctaa 60
 tatagattaa gagagcattc agcttgac 88

<210> 759
 <211> 172
 <212> DNA
 <213> Glycine max

<400> 759
 tcttacatat taccocattt atgtctcaag atttagtgat tcaagcttgg cctcttggtt 60
 gagctcttaa catagtagag gaaagaaaac tcccgaaatg atggaagaag gatatgctgt 120
 gaacaaaacc catatgttca agggagccac ctataactat gggaaggaaa aa 172

<210> 760
 <211> 315
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 760

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 ggatgggtgcc tcccctatcc tcttctcctt tgccttccgc tgcattctcca tgatgaaaaa 120

tcaccattga aggacctcat tgaagatcaa agatccagcc tccatagaag ctccacaagc 180
aagcttccat caagttatga ccatttgaat ttctcgagat cttccgtggn tcaatttcgg 240
gogtctccat atgtcatgtg cctgaatcgg acctccgtaa tataatttat gaccattcga 300
acttctctag agctt 315

<210> 761
<211> 410
<212> DNA
<213> Glycine max

<400> 761

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catcctacta tgacgactga gaaaactggg gcaaataaag aggggtgagga tgagggagaa 120
acccatgctg tgactgccat tctgtacgg ccaaatttcc caccaacca acaatatctt 180
tactcagcca ataacaaact ttctccttac ccaccacca gttatccaca aaggccatcc 240
ctaaatctac cacaaagtct gtctaccgca cttccaatga cgaacaccac ctttagcaca 300
aaccaaaaac accaaccaag aagtgaattt tgcagcgaga aagcctgtag aattcacccc 360
aattccagtg tcctatgctg acttgtccca tatctacttg ataattcaat 410

<210> 762
<211> 449
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 762

gcttaataac aatgcctaag gaggagcatt acatagcacc catcttggtc ctgttaggga 60
taaacatgtc gttgaagtac attcaacatc tgggtataaa ggacttttac catggcatac 120
tacagtgaact aacactgtat tcagaatcat tntcatccct tttatgaact tccctctttt 180
ttatgaactg cctctttttt tagtctttgt ttcccacctc ttaaacaatct gcattntccc 240
atthaggttt cttgtttttg tgaggaatgg cggaattat gttttatatg gacaagactg 300
ttggttggaac ttggaatgag aatcaacatg gtgctcatac ttttgttttc aaataaataa 360
aagtgggcat gctactaata tttaatntat tatggtgctt ctattaataa agtacacctt 420
gttaggaaac caaaatatag aacagaaat 449

<210> 763
 <211> 287
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 763

tcttatccaa cgctcatctt ggtggtgaag ctccttcttc catggcttat tccttaatgg 60
 atggcgctc ctttcacctc ttttcctttg tcttcgcta catctccatg gtggaaaatc 120
 accattaaag gacccattg aagctcanag atccagctc catagaagcc ccacaagcaa 180
 gtttccatca gaatgtccac gtcttttagag ggctacacgc ccatgccttc agaggactac 240
 acgcctcgc cttatgagga ctacacatcc tcacctttag aggacta 287

<210> 764
 <211> 435
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 764

ctgtgagaac ctgtgacgta cctaaacagg cgagctcctg gcagtcaacc aataaaagaa 60
 caaagtccac gaagcaagga ggcttggtg ggggctggcc agctatgtat cttgggtggt 120
 atctggaaat tagcctctgg taatcgatta ccattcatgg ataatcgatt acaggggtta 180
 aaaatggaga caggatggta aatggcctct ggtaatcgat taccaaggga gtgtaatcga 240
 ttacacaggg tgatagggca ctggtaatcg attaccagct ggggtgtaatc cttacacag 300
 ggtgataggg cactagtaat cgattaccac ttatgtgtaa tcgattacac agtgtatttt 360
 ttaattttca atgtgcanag gctgtgtaat tcgtttttgg caccggtaat cattacatac 420
 tttggtatcg atacc 435

<210> 765
 <211> 318
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 765

tcatgatgat gaatgaagtt gattcaagta gttntgatga tatctaagat gatgacaaan 60
agcccaagag aatgatttca agattgagtt aacaagattt atgaatcaag agaagtttga 120
tttcaagatt caagagaaga tgaattcaag attcaagaca agaaatcaag aagacttcat 180
aagggaagta ttgaaaagat ttttcaaaaa acaaacatag cacaattttg tttttcaaaa 240
gagctcttct cagaattgtc taagttacca gagtttttac tctctggtga tgcattacca 300
attaactggg atcgatta 318

<210> 766
<211> 395
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 766

agcttctaac cttttccttc ctttctacca catatgtgga gttattccac atacataaaa 60
ggccaccagc agcttcacac gatggaacaa aatcccaatg accagtggag tctcccgaaa 120
tggcctggca aatactttta ttaaagntct ccctcttggg ttcttggagg cagacaagat 180
gcactttgtg cttacaatga gccttctaac agcagcccac ttgactcccc tcccctaacc 240
tctagaatta taggagagaa ttatcataat tgctgagatt taattccctt ttctgttgcc 300
atcaaatacat ctttattctc catatgcagc agtagccctt taaccttgct atcttcttnc 360
ttataagaca agcccatttc cttcaagatg tcaca 395

<210> 767
<211> 432
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 767

agctntggag tttccaagtg ccaattcgtc ttcttcttta gtccagtctt cttctggctt 60
caatccatca gtgggctttc cttctgtgtc cagcatcttg ggatgttccc agcctttgat 120
gacagctttc caggttctgc tatccagtga tttgaggaag gccaccatcc ttgctttcca 180
gtattcatag ntggttccat ccagaattgg tggctgttcc actggctctc cttctttctc 240
catgttcac cagaatttacc tccctaggtc tcaactcagt atttcgagt cctgctctga 300

taccaattga aattctgata ccaatgccag atgtcgtaca ggatgtcacg acatcacgct 360
 tcagaacatg cagattatct ctgagtggat gaacacgata aacaagtata taacacaaga 420
 gaattgttta cc 432

<210> 768
 <211> 429
 <212> DNA
 <213> Glycine max

<400> 768

tgtctcagcg tctatgcgag acagagacca acatgttagc tatcatcgcc aagtaccaag 60
 aagagttggg tctagccacg gccacgagc atagaatcgc ggatgagtat gcccaagtat 120
 atgcggaaaa agaggctaga ggaagggatga tgcactcttt acaccaagag gcaaccatgt 180
 ggatggatcg gtttgccttt accttgaacg ggagtcaaga acttccccga ttgttggtcca 240
 aggccaaggc gatggcagac acctactccg cccccgaaga gattcatggg cttctcggct 300
 attgtcagca tatgatagac ttaatggccc acataattag aaatcgttag gaaacttgta 360
 tgggtctctca gaccttgact agatatgatt tctttttttg aaatgaaatg agttgggtccc 420
 aggttttcta 429

<210> 769
 <211> 466
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 769

gtcacctgcy gcatgcaagc tngagaatat caatgcgtca nagtcgctat ctcaatcacc 60
 tttgtttgaa gatggagttg tatcaactca caatggagat gggaggagat ctccatgacc 120
 acatcaacaa gttcaatcgg ctagtaagtt aactgttgaa tgtggatgat aaattctcta 180
 atgaggagca agcgcctcttg ttgttggtct cactacacaa gtcttccata gctttggttc 240
 aaacgttgct tgtgggaaga tcaactttga atttggatga ggtgactgtc gctcttagag 300
 aanatgatga gaattgaaaa tgctgatgat gaacacaatg caatagctgt gatggaatct 360
 gagcgaggga ggaatcattc aaggagacat gatgggtctaa gaggaagatc acaatcgcaa 420
 tcgcatccac aacgagatat gagtaacatt cactgcttct attgtg 466

<210> 770
 <211> 345
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 770

ctgaggatag agacttccta agctatatat cttctctctc anataagttc tctaactttc 60
 tagctatctc actctaagaa gtggattcac tcttgtcttg gatggtagg aatgaaggct 120
 cctaccctta tttatactac tccacctcca caatgaatgg tggagattac ttgtatccta 180
 ggggtggagat taattctcta gaattctcca cacattctag gagtctctac acttttctac 240
 tctctttcat atcattccat aagggtttcag aaggttccac acatctccaa aatatttcag 300
 agggttccac attcttccac aagcttctag agagttctac actac 345

<210> 771
 <211> 465
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 771

agctntgcaa ctcagacacc tcaacaggag agatccgacg aggctgttgc tcctcttgag 60
 cctacacctg cacagggtga accagtgcca gctgatccac attctccagt ggcagatcca 120
 tcttctcccg aacttgaagc agctccccca tcttcaccta ttattatcat ctctgaagac 180
 cctacagagt caacatttgg agaagctgtt gctctctctg attcccctgt tnttcatctg 240
 atgaatgagg aggagacaca ggatcagtca caggattctt anattcctgt ccttctgttt 300
 atgttgacaa ttatcataac tattatattn tagtacattg ttttagtgaa ttttggatgat 360
 ggttatatat acttgtgttt tttggggaaa gtacgatgca tggtttgaag catacaggaa 420
 tagttaactt gatcttgatg aatatgtagt gaaacacttt tatca 465

<210> 772
 <211> 397
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 772

tcattgcagt cttggaagcc agattagttc atggatgaga tccccacttt tgttgctcaa 60
cctttgcctg ttggaatgga tctggtttgg ttttggtttg gggttctcaa ttgaatttga 120
attcctctta attggttcct gcaaaattgt gtttttttgg gttcggttgt gtgttgatgat 180
aatgcaaaag gttgttaaaa atgattttta tttcattttt ttatgtgggg gggtgagttt 240
ctaggtgatt tgtatgaatg cacttggctc tggagaaaaa aaattgtgtg aatttttagtt 300
ggaatggctg aacagtgtga aaaagtttta ggttgcana acacaactgt ggggtgtgatt 360
atgccaaaag gtatattaaa caaattgaat tttatgt 397

<210> 773

<211> 468

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 773

ttgtcgtgag aaaaagaata cactccaatt catcacatgg taaatgaata acaatggagg 60
acaaanagta tatagcaata ttaataaata aataaaaagt atatagccat tgaacgtag 120
tgacaaattc aatccatgtc agtagtcgca tgacattcct ttttcttcta gaactgaacc 180
aacatcaccg aaaatcaaag ccattagccg aaagcanttt aacatagaaa cctataaaat 240
tgtgagttag ggttttagtga taggtcatgg tgagttgggg tcttggatcc ggttcaagta 300
tggacctttc tttccatttt ttttatcttg actctcatga attaatgggc cagcaacact 360
tgatttgtgc ttgatacatt atactaanaa ttagaaacct ataaaacctt ctcttttctt 420
tctctttttc ttttattatc tcttctaaat ttttctttct cctctctc 468

<210> 774

<211> 444

<212> DNA

<213> Glycine max

<400> 774

aaagatctca gttttctatt atataatgat ataaattagt ttaaaagtgc atcagatatc 60
agttttctat tttataatga tataaactaa aatacctgtt ttttaactg tcttcatggt 120
gtaaaggcac agtccatca tcaggttctt cgatcatctg taccattacc gcttgatcta 180

ctattcctaa gttgtgaagc cattctttta acttcacaag acagcggtat tacattagca 240
 attaggctga atcagctata tcaaattgtaa tgaaggaaac taaactaatg gagatatgta 300
 tcttcactta ataacaacgg agtaacatga taaagaatca gggtttgga cctaagttga 360
 agtgtgaggt tggggaggcc aaaaagatta aatgatagac acaatactgc aaaattaatg 420
 tgcaaacctg ctcttgcttg tcat 444

<210> 775
 <211> 456
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 775

aacccatgga agctccta atctcccaca ctttgntggg tgggccattc ttggatggcc 60
 ttgattttct caaggteccac ttggaccca tttctaccaa ctacaaaacc taagaagact 120
 atattatcta cacaaaaggt acacttctct atatttgcac agagggtggt tttcctaagg 180
 actgaaagaa cttgcctgag atgttctaag tgatcatcta ggctcctact gtacactaaa 240
 atatcatcaa aataaacaac taaaaatcta cctatgaaat ccattaagac atgatgcata 300
 agcctcataa aggtgcttgg tgtgttagtg aagcccaaaa gcatcactat ccattcatac 360
 acaccatact tgggtcttgaa agcgcggtcc actcatcact ctttttcatc ctggattcgt 420
 gataaccact ttttaagatca tattttgaag agatat 456

<210> 776
 <211> 442
 <212> DNA
 <213> Glycine max
 <400> 776

gagctgaaca cacatacctc tataatagct aagcacacct ctttgagaag agaagctaga 60
 gcttatctac acaccccta taatagctaa gctcaccacc atgacaaaaa acatgaaaat 120
 aacagagaaa agtccttatt acaaagacaa ctcaacatgc cccgaagtac aaggctaaaa 180
 ccctatacta ctagaatggc caaaatacaa ggcttagacg aaggaataac ctattcta 240
 atttacaag ataagcgggc tcatacttag cccatgggct cgaaatctac cctaaggctc 300

atgagaaccc taaggccttt ccttggatct ctagcccaat ctacttggag tcttctagcc 360
aatgcccttg cggggtgaaga gtgcatcatt acttttctact cagatgtgcg attcaggcac 420
atcagatatc gagacgctcg aa 442

<210> 777
<211> 286
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 777

gagcccgagt agtcaaagag aagttcaagt ctatagccat canagtctga agagagtatg 60
atgaactaag ggacgtcaat atggccaccg atgaagcctt ggaatgagaa accaagaatg 120
ccctgaagga agaacacgac caatacaagt tttgaggggc tttatagggc aataatagtg 180
agctcatact ccgaagaggt gaaaggagtc atcacgggtc acaggtatga tctgtaagga 240
cgagctatag gcttgcctta tgacgagaag aaatttgtcc cgaccg 286

<210> 778
<211> 193
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 778

atcagaccac ttccagngtg ctggaactac ttcacactga tttgatggng cctattctag 60
ttgaaagcct tggaggaaag aggtatgcct atgtcgatga ggatgatatc ttcagaatta 120
cctgagtcaa ctttatcaga gaaaaatcag acacctttga agctttaatt gagttgattc 180
ttatacttta aag 193

<210> 779
<211> 281
<212> DNA
<213> Glycine max
<400> 779

tcacacttac aaaggatata tgggtccatg agggacctcg ggctttctac agagggcctg 60
ttccatctct tcttggatg attccttatg cagggattga tctcactgca tatgacacct 120

tgaagatct atccaagaga tatattcttt atgacagtgg tatggtatta ctgcaaccac 180
 attatctctt gaacttaatg gatttatctt accactctga aatttttagt gacacataac 240
 acatgtaaac tcaacctttg aacttaaata tgtaattttt t 281

<210> 780
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 780

ttcgctacta aagttggcga cnttgaaaat atttggagta gtttttaaca gattttatat 60
 ggatatgttt gaattagtgt actatattca ttctatatat atgggctgt ctcaaatgaa 120
 gtgcatcaat aagtgttcca gaaggtttac gagtaaagaa aagcccacgt gattccccta 180
 actatttcgc gttcatctcc acgtgactcc cccaaggctg caactctact actaccatgt 240
 gctagaa 247

<210> 781
 <211> 118
 <212> DNA
 <213> Glycine max
 <400> 781

agcttggttg attatggcgc acccgtcata tgtggtacta ggtggcgatc gggatgatgg 60
 gcatatcaat tctttcacat ccacaaataa gacatgaacc caccatcccc agttgtcc 118

<210> 782
 <211> 260
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 782

tcagacaaa gcaacatana atctatgtat ccgaaacccc tcaatctaata ggattgtcaa 60
 gggttgagaa gtgaatatga caatgagcgt tatttggagc aaactctcac ctacacaaag 120
 tctataacat caatctaaac ttgctcaaac tggatttaca cctaaaactc caccgaata 180
 aaatttgatt cctcatcacc aattttaccc tagaaatgac tcttcgttca ctacgtacat 240

ccttttcttt tattgcaaag

260

<210> 783
<211> 449
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 783

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tctgatcatc atgctttgat aaatgcaaaa aaactgggtgc aaatgaagag ggtgagaatg 120
agggagaaac ccatgctgtg actgccattc ctatacagtc atgtttccca ccaacccaac 180
aatgtcatta ctcagccaat aacaaacctt ctccttacc accacccagt tatccacaaa 240
ggccatccct aaatcaacca caaagcctgg ttaccgcact tccaatgaca aacaccacct 300
ttagcacaaa ccaaaacacc aaccaagaga tgaattttgc agcanaaaag catgtataat 360
tcacccaat tccgggtgtcc tatgctgact tgctcccata tctacttaat aagtcaatgg 420
tagccataac ctcaaccaag gttcatcaa 449

<210> 784
<211> 399
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 784

tattatgatt acgagctata aaaccaaact catatctaag gagtttagag ttaagttaat 60
tattttatat tttctctttt ttctgctcan agtaagatat aactttcaat tcattcttct 120
ttggctagca aaggaagaaa tcaattcttg cacagtcgat tttgttttat agatttacct 180
acatggagaa acaaaagtca atttgaaatt tcattgggtac aaatatttga taattggatg 240
cttaaatatt tctagcatta aatattcata aattgcatat ggcttctttt gactcctcaa 300
aaacataggt aacaaaatac attgcanatc caatgtagat tactgggtca ttattatact 360
aatattgtta ttccaacgta gattgctana tatagtagt 399

<210> 785
<211> 333
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 785

agctnggaag gatgcttcga tggaggataa gaaatagga gagggagaga gaggggggag 60
cacgaaattg aatgaataaa agaggagag aagtggaact ttgaagtatg tatcacaaga 120
ctctcattca tcagagttac aacaagtgtt acacatgctt ctatgtatag acttggtagc 180
ttccttgaga agctttcttg agaaaacttt cttgagaagc ttgtttgata agacttcctt 240
gagaagctag agcttagctg cacacactcc tctaataaga aagctcacct ctttgagaag 300
cttccttgag atgatcgtac ataagctaga gct 333

<210> 786

<211> 200

<212> DNA

<213> Glycine max

<400> 786

gcttcacaat gacacaaggg agtgagactg tgactgagga gaggaggggt cagggtctata 60
gggtgcgaga ctgaggagag ggaatgaaaa tctgtatgac gtgagagtga taacaacaca 120
tgatggccct ttacatgatg gttttaataa aaccgatgtt gagtatctca ttgtcacaat 180
ggttatgaca aaaaacatct 200

<210> 787

<211> 365

<212> DNA

<213> Glycine max

<400> 787

tagtgacacg agtagccatc ccatacctagc gagtgtccat cttatcaaga tgctcaccca 60
caaatgctcg aagatcgctg agctttgtga ggactctatt ccacagagaa caacaagcat 120
gccttcgtgg tggaggagat ggggtacgta catcaagaac aggtgggtggc aagtcttggt 180
agcgaactca ctgaccatta acatcctttc gataaccaa ggaggttaaca acaccggcac 240
caatggagaa agacctttta accttgacat atggttcatc ctccaaagga acattggatt 300
gatgacgaca tagagtatca aggcggcgat acatgagagg tgcattgacc cgttatgccc 360
tatgc 365

<210> 788
 <211> 117
 <212> DNA
 <213> Glycine max

<400> 788

agcttgtcgg ccacgattga cgaagggcac atgatgacga cgtagtctc tgcgtgttat 60
 caagcttttc gtcttacaga tagcctatag tttatacga ctaccactcg ggtattt 117

<210> 789
 <211> 115
 <212> DNA
 <213> Glycine max

<400> 789

ctataaatct aagettaaca tcagaccct ccaggtgtct gaactacttc acatttattt 60
 gatggcgcct atgcagggtg aaagccttgg atgatagagg tatgcctatg ttgtt 115

<210> 790
 <211> 61
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 790

agctntggta cctattgatg gatacctaatt ttgttgatct aattnttagc attaacaaac 60
 t 61

<210> 791
 <211> 405
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 791

agctncacgg cacgactgtt aggattaatg caatgattgc tgaactacaa gctctacagt 60
 cgaatgagac ctggaggctc actcttcttc ctccacagaa aaccgccatt ggctgcaggt 120
 ggatttaciaa gatcaagtat cgcgctgatg gctcgattga aagatataaa gcacgtntag 180
 tggcataggg ctacacgcag atggaggggtc ttgattatct tgatacgttc tctcctgtag 240

catagttgac taccggtcgt cttcttcttg cccttgctgc cgtgaatcaa tggcatctgc 300
 ggcaactgga cgttaataat gctttcctcc acagacaact tgatgaagaa gtttatatgc 360
 aggttccacc gggattgacc gtttcacatc ctcaactggg atgtc 405

<210> 792
 <211> 411
 <212> DNA
 <213> Glycine max

<400> 792

tcaagaaatt gtgaaaagaa taaggtaata tacatataca tttagtacaa atagatatag 60
 ctttacacac tactgtatga ttgtgataat taaaaaagaa aaagaaaaac agttttcttc 120
 tagtaggaaa cttaaattcat acctaggtaa agttttaaga atatctaatt acccatgcaa 180
 aatttcagca accgaggcaa gatataaaca ttgtatttta aggataatta gccactgaat 240
 gtgtccttat tcttcgcaca gcaatgagga actaatccaa atgatatcag aaaatgggat 300
 aacaccagtg acaaatagac aatagtacta acagcaatca actacggaaa gttaaggaat 360
 attgtatttt aaggataatt agacacatgt gtccttattc ttcacagaac a 411

<210> 793
 <211> 502
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 793

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 taactattga aataaaaata agtgctatat taatgacctt tggggtaaata acaaaaataac 120
 attactcaca cattttaata ttttgtggtg gagaataaaag gtggtcgcga ctatagcaac 180
 ttctagggcc ggcgctacta ctggtatagt ataaaacttc cgacccatt ggccaaaggc 240
 tcttcgctat gcgaaggat gggggaggga tggtatagc acccttacc cttgcatatg 300
 caaagaggct ggtttcggat tccaacccat gaccaacaag tcaccaaggc acaactttac 360
 ggggtgcacca gggctcgccc tctactact tgcatatgat acttaacaga aattgcgcca 420
 tcagctgcca gcagaattca catagagaag tattattaaa ttagatggca tcaatataca 480

cagtctgatg agtcagcttg gn

502

<210> 794

<211> 454

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 794

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gcaggctgct aactcttgct gatttggcct tagcaaagca aatcttgcat atgccgaaag 120

actntatcct tcctctataa ccaactggtga ttccaaacga gagttgaggg cagctgagtc 180

aaatggaatc cattgcccc taactttgac ctcttttggg gacttgtctt catgatcata 240

aacatttgca taaaactcct ttacaagtgc cacatctatt ctccctctt ccaaattcgc 300

gattntctta tgctagttcc tcctgtttta ctcccttga aattcctcan agtcattgaa 360

cgacaattgc acattccttt caggaatgat ctttctgccg aagatattgt ttgtgtaatg 420

atcccatgct tcangggaag aaaatttgtg tcta 454

<210> 795

<211> 306

<212> DNA

<213> Glycine max

<400> 795

agcttgtcgc tagagctgac ccatcaactg ccctaactct tttagactgg tgatccctag 60

gctcttgacc ttgacttgat agaacctctt tctaagcgaa ggcatttgac ttgatcccat 120

gttttactaa agtgaacaaa aatcggtgcg aatcaaaact ccaacatcta tcatgggtgg 180

aatggatgaa tgcatgaaga aatgcatatg acacatatgc aatttatgaa tacgggagcc 240

cgggaaatgg tctccttctt agatacaacg tcttggggta acaaagcgcc caacgtatgt 300

atttaa 306

<210> 796

<211> 399

<212> DNA

<213> Glycine max

<400> 796

tacccatcac atgtggtact aggtggcggg cgggcgatgg tgcacaacaa gtttttccac 60
atccacaatg cgcgcataaa cccaccatcc cctgttgccc acctccaact gagctcacgt 120
actcccacgt agcccatatc ctcgtttctc tcaacaccgg gtcccatca atcctccaa 180
gcttccacaa tatccaagca aaacaacatt cacacagcac aagctatcac agccaagcaa 240
aacagagcaa aggagaaaa ctctgcaaaa acaccaacca aaaatcacag cttttccac 300
tcaaagacc cagtaacaat tccttcgatt caattcgtaa accgttggat cgactccaaa 360
atattactgg aagtctatag tgcataagcc tacattctg 399

<210> 797
<211> 417
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 797

gcttctgagc atcatcaaaa taggcatact tattgtgctc aggtaataat tntagttcca 60
aggaaggtgg ctgaacagtg gaaggcaagg gaagggtgac agttggtgga agagaaatag 120
aaggatctga acctgcacct gcatcacaat cagaattgca gaagaaatct ctacacatat 180
attacataca gtagtagact cataagaatc atcacaagta cgatcaanag aactaagatc 240
aaagtcataa aaatcagaaa gtaaatctgt acaaatatcc aactatctta ttgcatcatc 300
aatgatatct ataaggaaaa cataatgctc atgtgtagga tgtctcatgt gcctaaaaat 360
gttgaaatgc acaacatcat caccaaactc catggaaaga gttcctacat gcacatc 417

<210> 798
<211> 172
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 798

gcagcttgct acgattattg tcagacnata attatttatt taaaataaat gttgttaacc 60
gattgtcata gaggatgcta attagttata gtattatata gtcagggatg cacaatctc 120
tcccaagca atttttcatt tgtatctgct ctacacagcac cagtagtggt gc 172

<210> 799
 <211> 106
 <212> DNA
 <213> Glycine max

<400> 799

ttggcagaga gccagaaaca ataaatgatg acgtttaagc taatattaga aagaaaaatt 60
 gcaggaagcg aagtgatcct ttttatggct acataccaaa aacccc 106

<210> 800
 <211> 372
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 800

gcacctgccg ctgcagcttg gacagtaa at ggaatggtag cctccatac atggtaatat 60
 tattcaacgg acccatacta tgattaaaag aactgaaac tggntctcga aatgtgatcc 120
 catttgatcg ttgcatcgag attctgaatg ttctttccaa ttctatttct tttctcactt 180
 catcttccag gtctcgttgt tgtgcaa atg tcatctcgcg agcaatgatt tctctcctga 240
 ttccttctct ctctagctct cgccatattt tctctttctc caactctcgt tggaacactt 300
 cattgacatt gatcggcatg gccattagaa aaactctagg cactgaaaca tttctgggaa 360
 agccacctga ta 372

<210> 801
 <211> 438
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 801

nngggaataa tatntaaca ctgtagtatt gaacttaacc cacaacaagt ttctagttat 60
 atgaactaat atatgtgtca cttcta atgt ttctatggct gttactttta ggtaaagact 120
 gggaagacca gcttgagca aatatcaaga gtttattgga atcaggtaag ctaaaagcta 180
 atagtcttgt ccattctttt ttcttatcca tgcaccttta tgtacttgag aatccctaaa 240
 catacatgta acaataattt ttccccatat gtaaaataac ttgacaccct cgaacttctc 300
 aaagtcattc caatttctat tcgattcgcc attggtactg gtattttcta cagattatgc 360

tccctgtcagt gttttgtaca atcaattgtc tggagttcct ctattattca tattcccaat 420
atgaatattt aaaatgaa 438

<210> 802
<211> 451
<212> DNA
<213> Glycine max

<400> 802

atcctcttag tcacctgccg catgcaagct tgaaattgac aacggaagct ctccagaatc 60
tcatatggtg ataacttata acacgaaagt ctgattcagg cgcatagtat atctagaccc 120
tcgaaattaa acaacgaaag ctatcgagaa actcatatgg tcataaattg tcacacggaa 180
gtccgattca tgcgcataat atatcgagaa ggttggattt gaaccaccaa tgctctcgag 240
aaattcagat ggtcataact tttcaaacag aagtccgata tatgcgcata atatatcgag 300
aacgttgaaa ttgaaccaag aatgctctcg agaaattcaa attgtcataa ctcgtcacac 360
gaaagtccga ttcaagcgca tactatatct acacgctctg aacttgacaa cgaaagctct 420
ccagaaattc atatggccat aacttgtcac a 451

<210> 803
<211> 377
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 803

ggccgccacg gagttntccg actatgctct tgtgtggtgg aacaagctac aaaaggagag 60
agcaagaaat gaagagccaa tggttgatac atggacagag atgaaaaaga tcatgaggaa 120
gcggtatgtg ccggctagtt actcaaggga cttgaaattc aagctccaaa aactaaccga 180
aggcaacaag ggggttgagg agtatttcaa ggaaatggat gtgctcatga ttcaagcaaa 240
tattgaagaa gatgaggagg taactatggc tcgatttctt aatggtttga ctaatgatat 300
ccgtgatatt gttgagctgc aggagtttgt tgaaatggat gatttgcttc ccaaagcaat 360
ccaagtggag caacaat 377

<210> 804

<211> 153
 <212> DNA
 <213> Glycine max

<400> 804

agcttggttct tgattattcc tgagttctgt aacttgctta gaacaataaa cttggccttc 60
 tcttatttgt ctttggggtt ggcgaccacg atcaacaaag tactttcggc acctactata 120
 tgttgactcg accaacggcg ttattggaaa gtt 153

<210> 805
 <211> 246
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 805

gcttcctttt aagtgcgtca ncgtttaana accgagtctc tgatgggtgtt ggcgaagcct 60
 ttgatggtac cctcggcggg aagtgaatgg nggaacatcg acacttcctc attcagaata 120
 cnggccccca cactttgcaa tgggtgtgtat ttcaaggtaa tgggatataa tatccctgcc 180
 tatatgcttg cctcttggga agaaccttgg attcatgccc ctgggagtgg tcccttcaac 240
 gattca 246

<210> 806
 <211> 368
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 806

actaatgtag ttntctaaaca aaaatcaatt gaggaagctt cgccaagtat cccattgaa 60
 aaacctttat tcaaaccttt caaagttagt gaaaaggcta aacgaaaaat tagggaactt 120
 agaaaaacta aatccttaat tgaaggcgta ggtgacaatc atagtgaatt actaaacaag 180
 aatggtagtt tacttaaggt cattccagat actccccaag cctcggaaaa tacttccaaa 240
 atggtaacaa gaagtacctc caaattaatt aatattatta atgaagatag tgaccaaacc 300
 tcagataaca caactgagat aggatcagtg tcagaaaaga atataaatcc aattaatttc 360
 aaacactg 368

<210> 807
 <211> 223
 <212> DNA
 <213> Glycine max

<400> 807

agcttgagat gaggaagtgt tgaaggggtga aactttctgc ttttattggt gaccacagag 60
 tgggtacctgg agatatgtcg tgggggtcac gagaccttgc ggacgtcagg tgggtgtgcta 120
 ttgccccaaaa ccaagcttga ccaatcccga cccaacccgg gcatagtcgg taagtgagaa 180
 cctgtgatgt acctaaacag gcgagctcct ggcagtcaac aga 223

<210> 808
 <211> 427
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 808

gaggtccagg aaggtttggc ggccgaagga actagttccg ctccggagta cgacagtcac 60
 cgcttttagga gcgctgtaca ccatcagcgc ttcgaggcca tcaagggatg gtcgtttctc 120
 cgggagcgcac gcgtccagct cagggacgac gagtatactg atttccagga ggaaataggg 180
 cgccgacggc gggcatcact gggtactccc atggccaagt ttgatccaga aatagtcctt 240
 gagttttatg ccaatgctcg gccaacagag gagggcgtgc gtgacatgag atcctgngta 300
 aggtgtcagt ggatcccgtt tgatgccgac gctatcggcc aactcctagg atatccngtg 360
 gtgttggaag agggccagga atgtatggcg cctactangc accctttgga cccagataag 420
 tncaaca 427

<210> 809
 <211> 361
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 809

agctttgata tggaaattaa gttganagta aatgatggta tgtataagac atcaatcagt 60
 gtaatgaatg cagaaagttg tactgcgcct gaggggtag catagacaag atggccattt 120

ggtaatctaa ccgatgatggg attaatattga tgatatgagt gaaagtttgt taaggaggag 180
gaaacgtgat cagtggctcc tgaatcta atccaggagg tagagtttgc tttttcgtaa 240
gataggatta tacctgttgc atcgttattg gaacaagata aaatggaagc gacctgtggt 300
ttggtggatg ctgagtttcc agcagatggc tgttgtatta atgctagcca tgccttgtag 360
t 361

<210> 810
<211> 360
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 810

ntgcggatat ggtcttttca atgaaaggat caaagtgggt ctggaaaaag gcaaatatga 60
tcatccttct tggatgaatg agaaaactgg ggcaaataaa gaggatgaga atgatgaagg 120
aaccatggt gaggtctggc ttcctacaag gacaaacttt cctccagtt caaaggccac 180
ctatttaagc ctgaaatcag aaatagaagt ggacgttggg cttttccttg agcttttgca 240
tttttagata tttctataga gagaaaggc caagttccaa agagttttga gagcttttgt 300
tgtgcgaaga ctgacagaga actgagagt aataggaact cattctgaga catgagatga 360

<210> 811
<211> 462
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 811

tgatgatgac aacttctgan atcaagaaac acacacacac acacacacac acacacacac 60
acacacacac acacacactt tttcttagtc gatcactcac ataaanttcc attctcccc 120
ttttgttttg aatttatgct tatcttanaa ttaagttaat tactcatgtg agttcttgat 180
ttaatcccta tttctctcac cttttggcat caacaaaaag ccaaagtgca tatcanattt 240
gaagtattca aatataacta aatatccata caacattcat ggaaaaaaaa tatcaaccaa 300
atcatgaagc aagaacctg aagcaacaat tatgaataga ttataaaatc cacatagtca 360
aacaacatac ttaatatng ttcanatacc ataataatat agccaaaata caaggctgaa 420

gatcagagta ctaataatat taanatagac atctaagatg ag

462

<210> 812
<211> 297
<212> DNA
<213> Glycine max

<400> 812

tggcactgca gatctgatct gcgtgatcct catccacgta cattgtgtat gctccggttg 60
agtcggtgta ccccttcttc gtgtacacaa cctcgttgct aaccctgctc ttgcattgca 120
acataatctc agcacctgca aacaatcatt aatcaaacia tacgtgttac aaactagcaa 180
caactactaa ggtaatgttt ccattcacat taaatcattc aaaattacct tctaatatgt 240
aaatttaaata atatgttcac atgttttagtc tcatgccaaa aaaatgatgt tagatct 297

<210> 813
<211> 420
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 813

gcttcatata tatataacat aacattatgt ggtaagacct aacacgccaa caaattattc 60
tcaattagtt gatgaacttc caagatccca ttctactaaa ttctcttagn tattagatac 120
ctctaaatat atgacaaagc atggatttga atatatagat aagctcatcc ttatctttgg 180
gatccacctt agaatcaata gaatattcaa aatagtgtta aggagcaacg aaaagaaact 240
aagaacaata ttaaaaggaa taaagtgtta accatctcac tcaatgaatg aatgctntga 300
caacctcaat ggatgcagac aaaataatca gaaattctag tactaatgta tcttttagcag 360
cttatgggta cttgaatgga gaataagtgt nttttctgag cttatggctc aacttgatat 420

<210> 814
<211> 432
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 814

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gacagttttt agttacattt ctttctttnt tctgctttgt attattaaat agaattttatt 120
 gttgagagga agcagagagg ggtggttatcg ttgagaggat gcagagaggg gtgtggcaaa 180
 atgacgtaag cgggttcctt ttacaatcta tttatcccac aggggtctatt tttaaacaat 240
 tgtcgaagag ggtctgtttt ttaaagggtg tccaccactt ggactggcgg aacccttgct 300
 tgcataaatt cccatgcatg catgggttctg ccagtgggtg tagcgtaaatt caacccaaag 360
 ggtttcgcca atcccactag tgagataccc catgccattc atcccatcat ccatcaacgc 420
 catccatcca tg 432

<210> 815
 <211> 429
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 815

ctaaaccttg aaaacttggtg ctattcattc ttttcatctc ttctcccttt gccaaanaga 60
 attcgccaag gacctaaccg cctgaattct tttgtgtctc tcttctccct tttccaaaag 120
 aacaaaggac taaccgcctg aattctttag tgtctccctt ctcccttgct aaagaattca 180
 aaacgacaca gtctgaaaat tcttttgatt ctcccatc cctaatacaa aagtgttcaa 240
 aggactaacc gcctgagaat tcttttgtat ccccatcac aatgtatcan aggtttaaca 300
 gcctgagatc tttgtctaaa cacattggag ggtacatcct ttgtggtaca agtagatggt 360
 acatctactt gtgtttgact gagaacaaga gaangtacat ctcttggtga tctgttctag 420
 tggagggtgta 429

<210> 816
 <211> 529
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 816

cgcccatcat gattgaaacg ccatctatnt angtgtgact acagataact caagctgtac 60
 ggtattgcgg gcaagttatg tgctgaagat ntatntata aaattaatta attaattgat 120
 gtgagttaaa tttgaaataa aataaagaaa caggacatcc atttaccaga acgtgtccca 180

attaattttt gttactattt ttaattacat aaatgatata tatatatata tatatatata 240
tatatatata tatatatata tatatatata taattggcat gaatcgaaaa tattcttttt 300
ttctttttta tcgtaatttt aaactgtaaa aaagtaggac atttttttcc tatagcgtga 360
tacatacaaa gttaacagtt aacaattgtg tntatataat atataaatat atattaatta 420
ataatatata ttactttctag taaaaataaa ataataact gcttaataga tntgatgatt 480
aattccatcg attatatact aatctntnta atataaaaaa ataaaaactn 529

<210> 817
<211> 501
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 817

agtcacctgc ggcattgcaag cttctgggtg ctgcgatgat cgaccagaac tgttccctga 60
actcatccaa gtcctcaaag gcttgagact cacagcagtt aaagctgaca tagccagtgt 120
tggtggcaga atcaaaagca tattgggtgct ttgttctaag gatagagaag acagtgtttg 180
ccttgccact ctcaaacagt ccctcaaact tgctgtcacc aaaattgctt catcatccat 240
ggcttctagn tgtcccgtca gaagtaagag gcagagattc ttcttgctt ctactgcct 300
acagttaatt atttattgca aanaatattt ttttccccac tattcattgc agtatggggc 360
aattatttgc tctattntca atatatatat atatatatat agactcccca ttaggaagat 420
aaaatcatga aatattagtt ctgtgcaacc aattaaggca tagttaaatt ganaggaaag 480
gacgcacagc atagtatgag t 501

<210> 818
<211> 447
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 818

cgcttaatta tcttttagagg aggataccgt ccaatggagg ataaaaaat gatgttgata 60
atcttttcct tttttacatt tgaaggtatt aaaaaaagt gtcttcatga cattattaag 120
aaattaaaaa aattattaaa aatcatataa tgcatttaaa aatcattgga gaagacattt 180

ttatgcattt caatgaaaat atttttcttt ttattttttt taaccgctgt tcttaaaaca 240
 ttagttaata ttaccttaa aaaatgctaa caaaagatat taatgccttg ttaattagaa 300
 gtattaaaat aaaagattga ttctttntaa aatgtatata ttgtttataa tattttattg 360
 ataatacttg taattagtgt cacaattaaa agtagctttt tataaaaatt gaaaatgaaa 420
 acttccattt gaagtcagca atgttat 447

<210> 819
 <211> 429
 <212> DNA
 <213> Glycine max
 <400> 819

ttcgttggcg aaaggatcta tgtgggtctg agaagaggca aatttgatta tcttgcttta 60
 atgaatagga agcctgcggc aaatggagag aatgagaagg agggaggaac ccatgttgtg 120
 actgctgtcc caacacgacc aaatttccta ctagctcaac aatatcaata cttatccaat 180
 atcagccctt ctcatcacc accaccctat caaccaagaa cactcaatca ttcacaaagg 240
 tcatacctaa atcagccaca aagcccgct accgcatatc caataccaaa caccaccctt 300
 aacacaaacc acaataccaa ccggtgaatg gaatttctag aaaagaagcc tgtagaattc 360
 accccaattc tgggtgttga tgctaactta actccatatc tactcaataa tgcaatggta 420
 gctataatc 429

<210> 820
 <211> 466
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 820

nttcctcat tctcacgttg cttttcttct ccccttctca tccaccattg ttgccatta 60
 aagctccaaa ctttgtcac ctttctact ccaaatacaca aaaggaagcc attttcggag 120
 tcgtgaagcg cacctctacg ttgtgggact tcaaatttca gggttgggta gacttcttct 180
 cacataaatt ttgtgggtat tgggtctttg ggagatatga tgggtagttc tactaggttt 240
 atgccttatg gtagttatct gtgaaggaat ttgttgaaag catgctaaac tcgtcatggt 300
 tgatgtgagc caaatatacc cattctgttt tagggtttta taatgatgct ttgtgatgct 360

tgtgtgctga aatcattggt agaaaactgg tagagatgat ggggagagtt aacctanggt 420
 taaaagtgag aatggtagtg atgtgagtgg aaaagtgagg ttttga 466

<210> 821
 <211> 483
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 821

gcttcacact tgataatgga gacacatgaa cagtgcctatg taatgacatt catggtgctc 60
 caaacaaggg tggagtatgg aggattgcct tgagggtccg cacttaggca atcatgaaac 120
 tcaactccaa actcgaaagt ggaggacaca tgaacagccc taagcaataa cattcatgtg 180
 gctccggaat aggatgagaa tggaggattg ccttgagggt cctctcttaa gcaatcatgg 240
 aacacaactc caaactcgaa agtggaggac acatgaacag ccctaagcaa taacattcat 300
 gtggctccga agcangatga gaatggagga ttgcctcgag ggtcctctct tatgaaatca 360
 tgaaactcaa ctccacactc gaaagtggag aacacatgaa cagccctaag caataacatt 420
 catgtggctc tggaacagga tgagaatgga ggaatgcctn gagggtcctt ctttaagctat 480
 cat 483

<210> 822
 <211> 412
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 822

agtctcacga ttgtcacgtg ctcatgcaac atttgtagc cgtggctata tgagacatct 60
 tgccaaacaa agtcagggtta acgataactc gcctgtgctt tttcttccat gctatatgta 120
 gcaaagtcac tgatccagtc atgtttgatg atttgaaaa tgaggccgca attatactgt 180
 gccagttgga gatgtatattt cccctgctt tctttgacat catgactcac ttgattgtgc 240
 atctgggtcag agaaatcaaa tgttgtgggc ctgtttatct acggtggatg taccgggttg 300
 agcgatacat gaagatctta aaagggtata caaagaatct atatcggtca gaaacatcta 360
 nttgtgagag gtacattgca gaagaagcca ttgaattttg ttcagaatac tt 412

<210> 823
 <211> 453
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 823

agctntagga gaaaccatat aaactaaggt agttcctana caaaaaacaa ttgaggaaac 60
 ttcgccaaga atccccattg aaaaaccttt attcaaacct ttcaaagtta gtgagaaggc 120
 taaaagaaaa attagggaac ttagaaaaac taaatcctta attgaaggcg taggtgacaa 180
 ccatagttaa ttactaaaca agattggtag tttacttaaa gtcattccag atacccccca 240
 agcctcggaa aatacttcca aaatggtaac aagaagtacc tccaaattaa tcaatgttat 300
 taatgaagat agtggccaaa actcagataa cacaactgag ataggatcag tgtcagagaa 360
 gaatataaat ccaattaatt ccaaacactg gagaacaacc tccatattat attatcaacg 420
 tccaactggc cctgaccttc tattagagga aag 453

<210> 824
 <211> 457
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 824

ngaaacaact cgttacataa tttgatatgg cttgggcaac agatttcata agtatttcgt 60
 taccattct agaaagagat tgctccatcc acttggtcaa tttttattac acactcttct 120
 aaatgctaga gaaaatcatc ttaaactttc ccaataaagt ggtagcccaa gatatttgct 180
 atgaaaattg taacgacctg tcttgctggt atgatatcac cactctaaag tacgtaaatt 240
 ntaattttta aatgaaaatt tcattaattt gcttatgaaa aatgagagta aatttttcgc 300
 gatatagatt caccaaaca cgcacaatta tttaaatgaa atatatatat atatatatat 360
 atatatatat atatatatat atatatatat atatatnaac ttagccacac 420
 tcacataata gaaaagtaaa ttagttcata catatag 457

<210> 825
 <211> 479

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 825

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agctngaaca cctattagta tttatatttc ttaaataata aatgtatgac atcaactcgt    60
cattggctcc caggtagtg gattaagcaa aatagaccaa tacaaactca cgggttaagt    120
cacctaacc attgatccaa agtttacatt gtcacctcta cattagtgc tntttgttgc    180
ctttgtttcc ttttaagcttt ntgtgtataa aaatatattt tttcttgtgt gaaatatttg    240
tttgaattc agttttaact atataataaa attgatgggt aagtttaata tatatttaaa    300
cagtcttgat catttgatta tgaggacttg gataaaatat atattcttca aagttttgtt    360
aatataactt ggtaaataata attctaattt tataaactat ganaaaatac aaaagttaga    420
tgaattcaag ctcaacacaa tagaacaagt accaacanat actatcatatc atttgacat    479
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<210> 826
<211> 430
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 826

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tctgtctgca gtagcaccac caccagccat gttaattaat ttgctctcaa acaaccaatt    60
aattctctag cctcaacgtc ggtacgagct taattagtagg attaagaatg ctattattag    120
taatataat tcagttctat agagaatgat gttttgtcat atgcttacag accgtaatgg    180
tattgctctt gcgggaacca catacactct agctagaaaa caagacatac atagttaatt    240
aattaataat gttaaagccg gcccttggaa gacaatttac atgcttaagt ttcacggggt    300
taggtctaaa taatgccatt aaattatttn ttttgtttgg aatataattt atttattatc    360
atttaagttg caacaagcct tggtcgttac ttgtttgttc tattatgcgt ggagtccttat    420
tcacgaacg                                     430
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<210> 827
<211> 309
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 827

agcttntgac cggttgacaa gcaacaatct aagttataat atctacacca caagctgtat 60
cattgtaata acttactcat attcttcaca tttggacaga cgataatatc tacaccacca 120
gctgtcctcg aataacctga attgaaacag aataaacagc agtaatggaa taaaccccat 180
cgaagcatct gcgtaagaaa ccacttggga ggtgtgatca aatatcaaaa aggaggctgc 240
tgtaaaagcc acaaccatat catcaacata gataaaaagt aacacgggtcc caaaagtcaa 300
gctcggatg 309

<210> 828

<211> 222

<212> DNA

<213> Glycine max

<400> 828

cttctgaacc ttcctaagga aatccttgat aggattgaga ctgaggaaga tatgaactat 60
attgaagggtt ggtagcaaatt ctttacttct acattaacgc ttctcattat gtataggata 120
cgagtgaataa ttcatatctg ggatggggta tttcggatga atctttcttg ccggcggttcg 180
tcattcgatg ccccatatat accctcatta aagggccaca ac 222

<210> 829

<211> 406

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 829

cccgctgagt tctttgttat caccganact ctaggaggag gccagaaac tactgtgtaa 60
gattttcttt atttcttgn tagtggtctt gatttgtgaa tctcacttaa attttgagct 120
taatatgtgg catgcattgt gaatcacatt tttaatcttt atcagctaag ttgagttggt 180
tatgtatggt gtagggcctt tcaaggagaa acgaagcaat gagcttatat tctaatagct 240
canaatcaca tataattctc acatttgtca ttgagtcttt gtgtaaggga ctgtcaaatt 300
ttgtaattct acctaacatt accagcagtt gtgtatggaa attgtntggt tcctaagatt 360
caagccaggt ttatatcttc tctgtaggt ctattgctaa acatga 406

<210> 830
 <211> 399
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 830

gggtgtacgt aaaataatta gcactaaagc ttatattatt ntatgtatgt atcacaatgt 60
 gcaaattgaga tgattgtgtc taactttttc cataacatat aggcctgatg ttttattttta 120
 gaagtttata atctgatctt cagaatttga aattttttct ttacattctt atcaaaggaa 180
 cgtcgtttta atcaggtaga gtacaattat aaacatataa attacaaaaa ttaaataataa 240
 cattntatgg tttatgatga tgagtgatg gtggtaatgg gagagcaata aggaaagcat 300
 tntggatcca canaacagga catgaagctt cttgcaagtt ttcaaataat cccttcacga 360
 atcggtttgg gatcttttga aatttcttgt ctcanatcc 399

<210> 831
 <211> 440
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 831

tgcccaagtc agcaacatac acactgtgta tattgtggat tctacaataa aaggtaactt 60
 tgaatacttc acagtcatga agtgtctacc aatctctgtt aagatagttg ttacaacttt 120
 atttaagcaa agaaatagct cctttcctta aacacccaaa cagaagcaac aaaagttagc 180
 aaagcaagaa atacaaccgc gaaccataaa atagtgtctt tatagattca tgattcttaa 240
 tatttttcagg tgtgttaaaa acgatttttc tgaaaaattt gtcacaaatc aagcttgaac 300
 cagagaatca ccacgcgcag ataattaact gcacattagg tgccgtagct atcgagataa 360
 agaaaagtag aggtatttgc tcgagaagaa nagaggaaaa gcttatgaac aagaaagcan 420
 ataaattgag caaaatgatc 440

<210> 832
 <211> 313
 <212> DNA
 <213> Glycine max

<400> 832

tctcctacca ctgccttaca atagtcatca agcaatatgt tggcagcctt cacatctcta 60
 tggattatct ttggatcaca ctgctcatga acgtatatta gctcccttgc tgctcctaag 120
 gcaatttgct ttcttgtgcc ccagtccaac actggcttac ctgcaaataat ccatcactgg 180
 tatatggatc agccactcaa cttacatagc acatgcatgt tcattctagt tctgggttaca 240
 taaacttctc tatatgcacc tttgagaaga acataagaag ttagaatcaa tttatgtacc 300
 ttagttattg gag 313

<210> 833
 <211> 336
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 833

tgtacgcaca tcgttcgcgt gtatgatatt cactccacaa tgttcgaagt agaggagagc 60
 ttcaacccta taacgcaacg tggcagacaa aagtgggcag taaacttgaa tggtcgtcat 120
 tgtcaatgcg gaagggtattc tgcgcttcac tatccatggt cacacattat tgcagcttgt 180
 ggttacgtga gcatgaacta ctaccaatat atagatgggtg tttatacaaaa cgagcacatc 240
 ttaaaagctt actccgcaca atgggtggnct cttacgaatg aagcggctat tctccttct 300
 gatgacgcat ggacacttat ccctaaccaca actaca 336

<210> 834
 <211> 252
 <212> DNA
 <213> Glycine max
 <400> 834

agcttgtctc gctaagcgat aatccacttt tggctctaaa cacgactttt cgcactaagc 60
 acaatttcct ctcggttggt gatttgcggt gagtgtgaca attgatgttg agcacaattc 120
 attttgcgtt gagtgcata attcggttg agtgcaacct ttcattccga gagcaattcc 180
 ttcttgggtt ggaattgcgc ttagcgtgct tctcgtgcta agagagatgt aaaaaattgt 240
 tgttctaaat cc 252

<210> 835

<211> 254
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 835

tgagatgagg aagtgtagaa gggtgaaact tcctgctttt attcgttgac cacagagtgg 60
 tacctggaga tatgtcgcgg nggtcaggag accttgngga cgtcagggtgg ggtgctattg 120
 cccaaaacca agcttgacca atcccgacct aaccggggca tagtcgggtca gtgagaacct 180
 gtgatgtacc taaacaggcg agctcctggc agtcaacaga taaaaggaac aaagaccaca 240
 aagcatggag gctt 254

<210> 836
 <211> 402
 <212> DNA
 <213> Glycine max
 <400> 836

tgcagcttgg ttaatatag gccttgataa tcaataaagc ctattggaaa ttaatatgta 60
 aaaggtagtg actaaaaatg caaaattaca ctttagtttt tcataagcat aacatccaat 120
 acaactcata agtttataat tagtcacata agtttttcat aacatatcac aagtcacaac 180
 taaaataaaa gaaaacagtc caagtgtgca attatagaat ctagaattct tgatatttag 240
 actagcacca aatcgctaatt tttttccaaa taaaaacaca aaggtagtaa tagagatggg 300
 gagggggcact tgatgtgaga gaaaagctta tctctgctaa gctcaggcc aaagtccaag 360
 ggtgaatatg gagagatcaa aagttacaga gcaatgggta ta 402

<210> 837
 <211> 433
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 837

tgatttagtt ntcgctgacg aaaggatcga agtgggtctg ataagaggaa aatttaatta 60
 tcctgcttgc tgcttgagc aatgagaaaa ctggggcaaa tgaagagggt gagaatgagg 120
 aaggaacca tgttgtggct gccattccta catggacaaa cttcccttca gcccaataat 180

gtcatcgctc agccaatata gacccttctc attaccacc acccagtcac ccacaaaaggt 240
catccctaaa tcaaccacaa aaccaccta ccacacaacc aatgctaaac accaccttta 300
gcacaaacca aaacaccaac caaggaaggg aatttgcagc aaaaagcctg tagaactcac 360
cccaattctg gtgtcctatg ctaacttgct cctttatcta cttgataatg caatggtagc 420
gatcacccct act 433

<210> 838
<211> 111
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 838

agaggtaaata gacatatgat catttctcct acttgctggt gcacttttgg ctatttttga 60
tacctaaagn ttccattncg aatttaatta caccgatgatg atgctggatg a 111

<210> 839
<211> 402
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 839

agctnngcgaa taattaacac agaatngtac aaaattctta tgatacatga tcaaatttat 60
caaaaaaanat aataatgacc cctgaagcta tcttggtgac agtgacaata agttgagcct 120
tgtgcagcaa aacttagtgt tgagtgaagg atgacttggt gcttgtgaat tgacttaacc 180
agtttttgac agctttacct ttggcaatga agcagccatt gttcttccta tcaaccttca 240
acggactccc cattttgacc atcatcttct gaaccaacac tctcaccggc gactctcctc 300
tgacactgct atgctttccc aaccacana ccaccgtaaa ttccgcagga actccataat 360
tggaatcatt caaccttctt ccatctcctc aaccaaagca ca 402

<210> 840
<211> 116
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 840

taatacagta gtctttatctt accttcaaact tnttttactg ttatgggtgtc tgtattgatt 60
ntgttttgga ttgtattttc ggagtttgct ttgtctttaa ttattgatta tttgat 116

<210> 841
<211> 303
<212> DNA
<213> Glycine max

<400> 841

ccaacgccag ctctgaccac tgttctttct ttccgogatg cttcttttca tgtccgccgg 60
agtgggctta tagcctacac catacttgcc acgattacct tgtgttttga tcagactagc 120
tatggcgcca ttgtctttgc ctaaaccat tcgcgggtca taacgggtgc tcaacatcac 180
tcgggctctc attacctcca ggtatgaccg acctgctgca ggcacacgtg cacctcagga 240
ggaaatgctg accacctcaa aagactggag agcgggttct aacgattctt ctgcgggtcc 300
aca 303

<210> 842
<211> 289
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 842

agcttcaaca natgttcacc agaaatccta agctatcacc atcaacctct aatgacatta 60
gtttcttttt ctttgttntt cttccataat cattttcctt ttcattcttt cattgtgtgg 120
tgaactcctt tccatgggtga agcatacact gcaacaatct ttagcccaag atatggagtt 180
tgattctaaa cgtaagttga cttttcttta ggaaaatatg cttcattntt tataacaacat 240
cttgttctgt tgcaacatac attacaacct nttatatata tatatatat 289

<210> 843
<211> 436
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 843

tcttagatag caacttgtnn tgtgctagta atgcatcttg agaggaaagc tccaggaagc 60

ttcttttttgt gggaatatga gtccgatcac acaagatggc atgatcactt gcagccatgt 120
tctcaataag ctccatggct tcttctgggg tcttcaattt aatttttccc ccagcagaag 180
catcaaataa ctgcttgagc tgtggcctta acccatctat aaaaatgttg aactgaattg 240
gttctgaaaa tccgtgagtc agtggtttcc gcagcaagct atggaatcgt tcaagtgcct 300
cgcttagaga ctcatccaga aactggtgaa atgaaaagat ggntgctttt ctttctactg 360
tcttagactc ggngaaatat ttcttcaaac atttctccac caattcatcc catgtcttga 420
gactgtntcc cttaaa 436

<210> 844
<211> 434
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 844

agcttcatga ctagacatga cttctatgac aaaactacaa taggtggaca agtcgctcta 60
gatttgtgag gttttcttct actttaatat ttttgtaaga attttatgat ttaggtttca 120
gccacaaaaa ataacaagac aaaactcana tcatttggtc atgagtgat gaaattcttt 180
tagcctatta tttgatttga gtcaaactctt tcattgttaat tagtccttaa catgttcatg 240
caaaatgctt agagagtcctt tgattgtgaa cctttgcttg aacttttatg cttccttatg 300
attgcgtcta ttgtgaatat gagtcttggt gattgaattg ctggctgaaa tgttgatcct 360
aagtgaatat tgaactccta taactgtcgt aaacagtcct agtgagttca acatacatat 420
gaagggtgaa agta 434

<210> 845
<211> 376
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 845

ngaagctcaa ggaaaagctt gaagaagtn tggctattac atgcccact ctcttaagtg 60
gcatttgcgt tgggtgttat cttnggtgtt tcttcttagt acatttgata tttgtattgc 120
atcatgcctc atcatgggtt gtgtgaagaa aagtttctaa gttagaaaaa tttcttcaga 180

ggcaaaaaca ctattttaat cgattacaac cttattgtaa tcaattacga caagctgtct 240
gaagcttata gagttgagtc tcgtatcaaa ttaatcgatt acagctatct cacaattgat 300
tacattattg ttcgagacaa tgactgattt attcaagagt ctctgcttta atcgattact 360
tctttctcgt ttaagt 376

<210> 846
<211> 415
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 846

agagatacaa tctactcttg gatttgcatt aaaanaaaat ctttgcattct atctttcttc 60
tgctccctgc ctgaaaacat gcatgtatag cctggtaatt ggtcaatgtc tttgctaaag 120
attatctggg ctggttgactc gaagcttttc taatttattc aataagatgc atgaataatt 180
taatcataaa tcataaattc catacatgat gtaattattc atgtatctta ttgaatatat 240
agatcttatg gttatttcat ataattagtt aattaactgg tgattatctt ctgaccaagc 300
ctggtgatta tttcatacgc ttacgtaatt aactgattct gttttatatt ttatttatta 360
attcttcata atggagatga antctacaca attcatgttt gaacacagga tgcatt 415

<210> 847
<211> 455
<212> DNA
<213> Glycine max
<400> 847

tctttgagaa aacttccttg agaagctaga gcttagctac actcaccctt ctaataacta 60
agctcacctc cttgagaagc cttcttgaga agattcctat agaagctaga gcttaggtac 120
acacacctct ctaatagcta agctcacctc cttgagatga aaagctagag cttagctaca 180
caacccttat aatagctaag ctcccccca tgacaaaata catgaaaata caaaaaattc 240
cctactacaa agactactca aaatgtctcg aaatacaagg ctaaaaccct atactactag 300
aatggccaaa atacaaggcc caaacgaagg aaaaacctat tctaattatt acaagataa 360
gcgggctcat atttagccca tgggctcaaa atctacccta aggctcatga gaaccctagg 420

gccttccctt ggatctctgg cccaatctac ttgga 455

<210> 848
 <211> 349
 <212> DNA
 <213> Glycine max

<400> 848

gcgagctctg accactgttc ttcctttccg cgatgcttct tttcatgtgc gccggagtgg 60
 gcttatagcc taaaccatac ttcccacgat tcccttgggt ttttatcaga ctagttatgc 120
 cgccattgtc tttgcctaaa cccatcccgg gttcataacc ggtccccaac ataactcggg 180
 ccatcattac cgccgcatct gacagacaat gttgccccaa gaggggaatcc acggaggaaa 240
 tgctgaccac ctcaaaagac tggaaagcgg tttctaacga ttcttctgcg gcttccacat 300
 aaggcatgga ggatgggcag cttaccaaga tatcttctc gcctgacac 349

<210> 849
 <211> 106
 <212> DNA
 <213> Glycine max

<400> 849

gctgatgagt actattgtgg agatgattga ccattctcaa agccaaggaa catatggatg 60
 cgtattttga aatgatgaga tcattatcca acaacatgaa tttatc 106

<210> 850
 <211> 358
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 850

agctttgcc aataaacaag ttctctattg ttgatactca gatcattcca ttttaattnt 60
 aaatacttgg cgacccgatg cgcttgccgg tatatcactt ctgctttgat gtaagtcttt 120
 gtaaatttaa gaaaaaggaa ctgtgtgggg agacgaacag taccacattg catttgagag 180
 ttgaggtcag gtacatatat catactaagc atgagtgatt gaaactatgg acgaatgatg 240
 actactctgt gagtgtatgt tggactaatg gatggttgcg tatgtttatg ggatctgata 300
 atgttttctt actaattatt cgagttttgt attaacttct tttataataa actcaccc 358

<210> 851
 <211> 435
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 851

tatccttatg gcttgccttc ggacttcact ccccgtagca ccccggaaga tttaagccaa 60
 gccctactt tcgaggggca gctccacact tatgacgact atcccgggca agacgatgag 120
 gaaggagata cccatctcgg tcccctgctc cacctcaaag atctgtcccc ccatgaacta 180
 ccccaaccaa acatagtcgg ccatatcccg acttcaccca cactcgtaaa agaatctggt 240
 cccttcgtgg aacataaggg aaagattgag gcgcttgaag agagggtgag agcagtcgag 300
 ggcttcgaaa attaccatt cttggatcta gcggacttat gtctcgtagc caatatcgtc 360
 attcctcca agttcaaagt accggacttt gataagtaca aagggatgac atgtccgana 420
 gggcatcttc ggatg 435

<210> 852
 <211> 187
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 852

agcttgaata ggtgtcgcgt tctactgaac tatatatatt ntgggtggntt tgcaatgttg 60
 ctatcctaga tttgntatct tctctcttgg atatcttagc gtcgacatag tgtaatatat 120
 aggtatgagc ttatcaagat gaatcatttt aggggattat cacttggcat tgttcagcta 180
 ttctcta 187

<210> 853
 <211> 333
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 853

nttaggtgga gcatattana ataaactaag ttcatagaaa ggtaataaga caccttcata 60

agcccaaagt agatcttcta aacaccctct ttatccatat aactctcaaa gtattactta 120
 aaaaaatttc aatgaatcct tcaaataatgg gaactgtcat ttcaatcaaa gaaaccaaca 180
 aagtccacca taaaaaagct gtcttcactc tttagactgt tttacaaatt cactagaaaa 240
 tattctacga agaagatatc atcatatgat gtaaagcgtg ctagttaact atgcaatgac 300
 acaagccgtc caaatgcacc cattttaaga tct 333

<210> 854
 <211> 315
 <212> DNA
 <213> Glycine max

<400> 854

gatgatgcag atgggtttgt agctacctca tgcactcctc taatgactat ggcatcattt 60
 ctggcactaa actgctggga gttggaggcc atcttctcaa ttaaatttct ggcttcagca 120
 ggagtcatgt ctccaagggc tccaccactg gcagcatcta tcatacttct cttcatatta 180
 ctgagtcctt cataaaagta ttggagaaga cgctgttctg aaatctgatg gtggggggcaa 240
 ctggcacata gtttcttaaa tctctcccag tactcataca ggctctctcc actgagttgt 300
 ctaatacctg agata 315

<210> 855
 <211> 303
 <212> DNA
 <213> Glycine max

<400> 855

tcagaagaaa gtgatgaggt acaagctcta aaggcagagc ttgaaagagc ccgagtagtc 60
 gaagagaagt tcaagtccat agccatcaaa gtctgaaaag agtatgatga actaaggggac 120
 gtcaatatgg ccaccgctga agccttgga cagaaaacca agaaggcccg aaaggaagaa 180
 cacgtgcaag caaagttttg aggggcttta tatggcagca atagttagct caagctccta 240
 agaggtgaaa ggaatcatca ctgggttaaag gcatgatctt gaaagacgag ctaaaggctt 300
 acc 303

<210> 856
 <211> 415
 <212> DNA

<213> Glycine max

<400> 856

cccatcacat gtggtactag gtggcggtcg ggcgatggtg cacaacaagt tttccacatc 60
cacaatgctc gcataaacc accatcccct gttgcccacc tccatctgag ctcacgtatt 120
cccacgtagc ccatatcttc gtttctctca acaccgggtc cccatcaatc ctcccaagct 180
tccacaacat ccaatcaaaa caacattcaa acagcacaag ctatcacagc caagcaaaac 240
aggacaaagg cagaaaactc tgctcaacac accaaccaaa atcacagctt ttctcactca 300
aagaccccag taacaatttc ttgatccaa ttcggttaacc gttggatcga ctccaaaatt 360
ttactggaag tctatagtgc ataagcctac attgtgaacc gtgggatcta ctaac 415

<210> 857

<211> 591

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 857

agggcacgac ggtnaattga tcgcatctat tangcgacac tatagatact caagctngta 60
atcatgtgac accctctacc cctcacatgt atactaatat atgaataaaa ttcaaattatt 120
aattaaaagt attttttaaaa cattnttttt tccgaaacaa gtcttttcaa ggggaaaaag 180
gctcacattc attttcttct acatcatatt caaacttgct caaataaata ataaagtáat 240
ctcgtctcan acaaggctgt ctaaacttca tacaattaat atagaactta tatectaag 300
tcacatctca tcatagtgtt gtgttctctg gtccctctagc atgagggttct tcatagtcac 360
ccacctattc atctgtttcc ccgaacacaa gttcaagatc atcacaggat ccnacacaa 420
caacacacag ggagtgagtc atcacattca tagctaatag agagacaaga caattaaata 480
tagatattat ataaatgaga taccacttgc ttaaacaatag ctcacgtaat ntcaccactn 540
tgtcattcan naatcacttt tcaatcatca atcacattac acaagaatcc n 591

<210> 858

<211> 416

<212> DNA

<213> Glycine max

<400> 858

gtgtgattcc tttctttttc ttatcattct cctcatgttg attcagtctc attagttcca 60
 tttcgtgttc ctataacttt ccaaataaag ttgcaagaga catgttagaa agatcccttg 120
 attctgtaat agttgttacc tttggtgtgc attcctact taaacatctt agaactttat 180
 taataagatc ctcatggga aatatctttc ctaatgatgc aagatgattt actatgtgtg 240
 tgaatctctt ttgcatatca tgtatagttt catttggtt cattctaaac aattcatatt 300
 catgggttaa ggtatttatt ctagaacctt ttacatctat tgttccttca tgggttactt 360
 gtaaggtatc ccacatatct tttgcactct tgcaatttga tactctaaag tattca 416

<210> 859
 <211> 487
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 859

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 ccatatacaa tcaaggcagt ttcgttacct agattattta cacgtacctc caagggtgat 120
 ttgttactta catcacacac atctccttgg ctaaattcac atacatgcat actcaaagca 180
 ttttggggca ccaaaaattg cacctgtgca catcttggca tttctaatac ctatacatac 240
 gcaaacttca tgatgaatct tgactatcta cacaataagg tgctacattt catgctcttt 300
 tttcaagtn ttgtaccta aagcgcgatg ccaattcaag catattttcc tttgctgact 360
 aanatngtat tcaaattaaa aggtatatan ctttttgtaa tatagtttct tcacataaca 420
 tgcaacatat ttatatatat ttttctgtga gacatcttga ctaccaacaa tatatataca 480
 tacattc 487

<210> 860
 <211> 502
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 860

cgagccncng nnnttgtagc atctcgaccg cgatccttaa gcacctgggc tgcagcttga 60
 ccaacagaga gccataaagt ttgtctagga agtctaagcc tatagtcctt ggaggcggtt 120

cactctcata ccgtatgcga agagcttgaa gcctttgctt ggaagacgcc atagtggatt 180
 tcatcctcta ttctttaccc gatcactatg atagctctgc aggtacgcat gtattgtgca 240
 tacctatgtt attgtagctc tggcacgacg ttcttcaacta catgcgggac tgcccacctc 300
 agacataggc cacgagtata ccaactgttga tcatatggga ctccctctct tttttaatcg 360
 cgatggcatc ccaactccgct gctcgtttat gacatgataa gacagctgct tcgattcant 420
 gtttaccgta atagaagagc acaaccctat tccagcgagg cacatattat tacttgccca 480
 ccatgggtct gaattcttgt cn 502

<210> 861
 <211> 311
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 861

tgagctctnt cagctacaca tggcgggtgac ttgtagagga gtgtgatgga cgaacctgca 60
 cccgacgata aactgacaa gagcttatat tctccatctt ggacaagata tggcagactg 120
 gtggcaagtc tactatcttc catcagcctt ggaacaactg tgatcgtgat cacatatcag 180
 ctaaaacttg atgggtatgc aagccatact ctcaactgtgc ttgaatggta acgagcagcc 240
 caatgacact gtgaccacaca tgtttctcca catgcgttac atcaatgcag tgtctaacgt 300
 caagatcaca c 311

<210> 862
 <211> 80
 <212> DNA
 <213> Glycine max
 <400> 862

tcctaacgat ttctaattat gtgggccatt aagtctatca tatgctgaca atagccgaga 60
 agcccatgaa tctcttcggg 80

<210> 863
 <211> 440
 <212> DNA
 <213> Glycine max

<400> 863

cggagaggat gcttcactgg aggagaagac agagggagag atagatagag gcgggagcat 60
gaaattgaac gatgataaac ggagagaagt tgaactatga gttgtgtctc acaagactct 120
cattcatcaa agatacaaca tgtgttacac atgtatctat attatagact atgtagcttc 180
cttgagaagc tttcttgaga caacttcctt gagaagcttc tatgagaaaa cttccttgag 240
aagctagagc ttagctacac ataccctct aataactaag cttacctact tgagaagctt 300
ccttgaatag attcctaattg aagctagagc ttatctacac acacctctct aatatctatg 360
ctcacctcct tgagatgaga agctagaact tatctacaca caccctataa tagctaagct 420
tacctccatg acacattaca 440

<210> 864

<211> 566

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 864

nttgacgcat cttgangcga cactatgata ctcagctggg tatgtcaggc caaatatggg 60
tggagtgcaca aaagctntaa tttactgctt gaagtagtgc acgatctgct tccagaggan 120
aacacgttgc ctaaaagcta ctatttggcc aagaagatac tatgtccgat gggatatggag 180
tatcagaaga ttcattgcttg cctaattgat tgcatactgt acagacatga atttgaagaa 240
atgtccaaat gccctaggtg tggngcatca cggtacaagg tgaaggatga taaggagtgc 300
agttctgatg aaaactcana gaagggctct ccagcgaagg tgttgtggta tcttcccatc 360
attccaaggt ttaagcatct ttntgctaata gaagacaacg canaagacct tacctggaat 420
gcanatggga gaaactctga tggaatggtc tatcatccgg ctgatntcct ctagtgggaag 480
aagattgatg gtttgtattc ggatttcaga aaagaggcaa gaaatcttag gcttggacta 540
gccagtgatg gaatgaatca tatggn 566

<210> 865

<211> 441

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 865

ataacatcca agaaatttca acatccaaac atcatgaact atcaaaaacta agcaaaaaca 60
gggcagagggc agaaaactct gcccaaaaaca caaaccaata ccacaacttt tcttattcaa 120
ataccccaat cacattcttt ttgttccaat tcattcacccg ttggatcgac tcaaaaattt 180
tactggaggt ccctagtaca taattctaaa ttttgaccgt tgggatctcc tagaaaacgt 240
ccagaacca atctgtacta ctctttccac aaccagcaaa tacacatcat tttctgcatg 300
caciaagcca aaattctgct gcacatttca acagcaaaac tctgcataat agtgcaaaat 360
ttcgaaatca cacttgccct tgtcctaatt tgcccaaata gaatcctaca agtcctaaat 420
catgtataaa tcatgtctaa a 441

<210> 866

<211> 318

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 866

ataaagaggg tgaggatgag ggagaaaccc atgctgtgac tgccattcct gtacggccaa 60
gtttcccacc aacccaacaa tatctttact cagccaataa caaaccttct tcttaccac 120
caccagtta tccacaaagg ccatccctaa atctaccaca aagtctgtct accgcacttc 180
caatgacgaa caccaccttt agcaciaaac anaaacacca accaagaagt gaatattgca 240
gcgagaaagc ctgtagaatt caccccaatt ccagtgtcct atgtgactt gctcccatat 300
ctacttgata attcaatg 318

<210> 867

<211> 471

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 867

agctntgcat ggatgccaca cgtgaatctt ctgtatcatc catcatttct ttcattcaca 60
acccaacaa gatgtagtac actagagtta tgggcaaagc aatcagcatc ccaaaaataa 120
cactgcattg ggttaaagaa gaagctccat tggtaggat taaaagagaa agtaattgaa 180

tgaaaaggaa aaaggaatgg aggggagaga aagttctaata tgagccatat aagaattaga 240
 tttgaatact cacgctgtgc tgagaatatac aggatgtaca ttatatctct tagcaaagac 300
 aaatgggaca attccttggg gaagagctgc ctatatTTTT ttgacattca gttgccaaac 360
 aaacaggaca agcaaacaaa caaacatgtc aactgcagtt tcaaatacctt ggtgtacaat 420
 cacaacatg atcattingaa tcctcactac tagtactaag atcttcaatt t 471

<210> 868
 <211> 338
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 868

ngctngagan actntcttga gaaacttctt tgagaaactt cattgagaag ctagagctta 60
 gttacacacc cctctaataa ctaagctcac ctcccttgaga agttccttga gaaacttctt 120
 tgagaagctt ccttgataaa cttccttgag aagcttctt gagaatattc ctagagaagt 180
 tagagcttat gtacacacac ccctctaata gctaacttca ccttcttgag atgagaagct 240
 agaagttagc tatacacctc ctataatagc taagttcact cccatgccaa aatacatgag 300
 aatacaaaaa cattcctact acanagaact actcaaat 338

<210> 869
 <211> 375
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 869

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 gagatgcagc ggaagacaaa ggaaaagagg tgagaggagg cgccatccac tagggaataa 120
 gccatggaag aaggagcttc accaccaaga tgagccttgg ataagaagct tggagaggat 180
 gcttcaatga aggaaaagaa agagggagag aaagagggag gggggagcac gaaattgaag 240
 gaagaaaaag ggagagaaaag agggaggggg gagcacgaaa ttgaaggaag aaaaagggag 300
 agaagttgaa cnttgagttg tgtctcacia gactctcatt catcanagtt acaacaagt 360
 ttacacatgc ttcta 375

<210> 870
 <211> 457
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 870

ntttagaaaa aatcttataa gttagtagat acctaaatag ttctttaaga tgactatatt 60
 atgcttaaata aatctttaga aatttcaact caataacccc taaagtcag atattcaatt 120
 aaaactatca attattntaa aagagaatgt caacatttgt gatattcaat tgagactttt 180
 cacaactaat aaaaagggtat tcttctatta aaaaatatat aaattttgat taattatttt 240
 ctagagtga ttttgtgtca attctttagt atgatgtata aattctagac tcatccaaca 300
 atttcaccaa aactttcttc atttctgttg aaacatactt aatatgaagt tntgatgatg 360
 tcacaagata agcgtttctc aagtttaatc caagttaaga actcagaaat tcaagataaa 420
 tgaagaagta gtccttaaga gtcttagaaa gcattct 457

<210> 871
 <211> 417
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 871

gactaaacat tcattgggta tttatttgta ttcattatgc gatataattc gctgtaaccc 60
 gtcactaacc aattaatatt atcaactact cggttggtta agcaaggaaa ttgttggtcc 120
 aacaaaaatc atttacgagt acagcatata tcattgtcat aattgacaac acataatgac 180
 atgcatgagt gttacagttt gagcgtgaca acacattggg ngacttcagt acacattttg 240
 aaactagcag tcgctcaaca acacattggg tgacttgact acacattagc gacaacacat 300
 tggctgactt gactacacat ttacgagtgt ctatttggtg tgaaacanag ttaaacaag 360
 gctcggtcac aaccatctat atatatggca gactangcta ctaaatcaca cattatc 417

<210> 872
 <211> 412
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
<400> 872

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cttgacagct ctatggacca tgctatcatt cttcctgcta gcttagtatt tcttagcacc 60
ttcttgatgg ggtgatcctt cttgacgatg atctaagggc tctggaagta cggcttgagg 120
cgttgagcag aggttatgag tgctagcgcc actttctcga tcatttggtta tctctttcca 180
acatcatgaa ggatgtgact gacaaagtag atgggtgttt ggtactttcc atcttcttgg 240
acaaggggttg aactaatggc tttttctgcc actgaaaggt ataggaatag ggatgctcca 300
ngcttangtc aacttataac aggtggtgtt gcaatagttn tctttatagc tagganagct 360
tgcttacagg cttcgtttca caagaacgac tcggttttcc tgagtagctt at 412
```

<210> 873
<211> 408
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 873

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agcttgcttc tacactaaga agcactctat attgagtga taccacaaaga gagaacaacc 60
accaaaattg aggaccggtt tgtaattntg taatttacia ttactttacc ttcatcttct 120
tcaagttttg taacaaaaag gcctttcatt ggaagtgtgt tgggagcctc caataagtta 180
ccaaacttcc atttgtgtgt aataattcta ggcaattttt ccttaagata gtgagtgttt 240
tgttgggaac cttgaatgtg gtcattccaa cactcttang atttgcttag ttacatttcc 300
ttgcttactt tcatagctta tttcctttac cttccctttt aaaaccacct agatagtttt 360
ccttttacca attagtnttt ttaccttacc tttcacacct ctttttagt 408
```

<210> 874
<211> 321
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 874

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tagccctaga ggngatggac cttntcatgt tntggagagg atcaataaca atgcttatag 60
gttgacctc ccataagagt atggagtcag caccactttt aacatttctg atttaattcc 120
ttttgcaggt gaagctgata ttgatgagga ggaactaaca gatttgaggt caaatccttt 180
```

tcaaggtgga gtggatttta atagcacaca aaagtcaagt caattttaact cctttttaat 240
agcaaaacaa gtcaattcta catgtaataa tacaatagaa attgtctcta gctaaattaa 300
aactaagtta atcttgtatc t 321

<210> 875
<211> 463
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 875

gctttgatca aagtgttcga gggggagcaa gcaaagatag aggataactt tcttcttggg 60
aagtttgagc tttttgggtt cactacatcg ccaagaggag ttccacaaat caatgtttta 120
tttgatgttg acgttgatgg catcgtagaa ttcattgcta gagataaaat catgaggatg 180
aaaaaaagga tcatgatcga caacaagtac tggaggttga gtccctaaga gatgaggaga 240
atagtgagat atgcaaagag gtataaggca tangatgtgg aggtaagggc aaacggaagg 300
ccagaacttg cttgagaatt gtgcttttga aatgatggac aaagtgaaga atcttaagaa 360
attagtacc atagcaacaa tgttattntt tttagtttca ttaacaattc agtaaaaaaa 420
aataccgtgc gctaacttga aatgcccnct gcacacatgg ata 463

<210> 876
<211> 510
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 876

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gcccctactt ttgacgggaa actccacct tatgaagact atcccgggca agacgatggg 120
gaggagata cccatcttgg cccctgctc cacctcaaag atccatcccc acatgaacta 180
ccccagccga acatagtccg ccatatcccg gtctcaccca caccgtaaa agaattctgtt 240
cccttcgagg aagataaggg aaagattgag gcgcttgaag agagggttaag agcagtcgag 300
ggcctcggtta attaccatt ctcgatattg gcagaattat gtcttgtgcc caacattgtc 360
atcccttcca attcaaagta ccaaactttg attagtacca agggatgaca tgttcaaang 420

ggcatctcgg atgtatttgc tgagatggng catattctgc ggacaannag tcgtgggcat 480
 ttcttttcag acaggttgct tggacngctg 510

<210> 877
 <211> 383
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 877

agcttagccc tagaggggat ggaccttttc atgttttgga gaggatcaat aacaatgcct 60
 ataagttggg cctcctagaa gagtatgcag ttagcaccac ttttaacatt tctgatttaa 120
 ttacttttcc aggtggagct aatattgagg aggaggaact aacaaatttg agatcaaadc 180
 ctcttcaagg gggaggggat gatgcaatcc tccctaggaa gggccagtca ctagagacat 240
 gagcaagagg ctccaagagg attgggctag agctggtgaa gaaggcccta nggttctcat 300
 gagcctcatg gtagatttct gagcccatgg gacaagggtg ggtctaatta tctttgtaca 360
 tattaaacta ngatgtcatt ata 383

<210> 878
 <211> 490
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 878

ngttgttgtt gtggacctct atnntgaaaa cctccataag agttgttaga aggacctaca 60
 aaagaagtgt tagtgggacc cacatattgt ggtttccagc cataaggctg atttgatctt 120
 gagccacctc tatagccttg gtagcttctc tgaaagtnt gttgaggtct agcttggttc 180
 tgtagatatt cggttctctc ttcttggtgc catcaccagg tgctgaacag tggccattct 240
 gatggatacc accacaaaaa tcacatctca naattntttg aacttggtgg gcttgatatg 300
 ttttctatgg tccaccttcg tgatattgct gagtcagttg gcctatctac tttgttaagg 360
 gcctcaattg ttgcgtcaag agnttggtnt gagctagaat ntcactctga gtgtccagct 420
 ccattatacc tattctttga gtcggatcnt catcatgatg actttgatat cactagctac 480
 tatggagtta 490

<210> 879
 <211> 472
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 879

agctatgtgg caagtacaaa ggtcataaac gcgcccgtta tattatcagg tcttgctttg 60
 gtggccttaa gcaagctttt attgctagtg gaagtgagga ttcacaggta tgaatcttca 120
 atcatcattg atcaaaatgg gaaaatattc gccagtgtaa ttttttataa tttgcaaatt 180
 gaaagccttg atgtttatat gtctctgtta aatgtgtttt atttgctaag tttttatagc 240
 tgtctcaata atttggttaa ataagttcaa catgcacttg atgcatgcta tcgaggatca 300
 ctaaaatatt ggcataaaag acccatgaaa tggttctttg tgggtctgatn tactggactt 360
 gaatgaattg aactacacat cgctataatg ttcaagagtt cctggcttct gcaatattat 420
 tctagtttat cttgataaaa ctaggaacat ctcgattgat aatgctggaa gt 472

<210> 880
 <211> 284
 <212> DNA
 <213> Glycine max

<400> 880

cagcttctcc attatctatg ttctcgattg tatctagcaa ccaagttagg gtggagttct 60
 tattatgatc ttgtaaagct gagccattgg ataccaattc atccttagct tgcgaggata 120
 agtgcgttaa tcctcccatt agaatatgca tatgcgctat cgcgtgatct ctatcaacaa 180
 attcgtctct gtcttcgtag tccatggtgt ccatcaacat accatcaaac atctcgtcta 240
 ggcataaatt gtctatcadc ttttgtcgat cctgcctagg atct 284

<210> 881
 <211> 410
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 881

tattccatat tggggaatct aaaataacag acaattgatt gtacaaaaca atgataggag 60

taaaatctag taacatcata atttaaactc actgcaacgg ataaatgaca atcaccatac 120
tcaagagcct catggataat gataagatct tcaactaccct aatctaagaa aattagacga 180
taaaacaatn tatgtttggg gattacatag tggcactaat atgtaaatgc aaaaatgctg 240
acctggccat gttcattgaa agtatcgagt ccaacaattc caagggtcaag atctccagat 300
aacaattttc ttgtgatgta tttgggcctc ta~~aa~~accaa ctttgagttt ggatagctgc 360
aataatgcaa gagaattggg ttatgggtcat gtagagatat agtacattga 410

<210> 882
<211> 371
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 882

tcccagatct gatcatggaa ggactnggca actgccttca ttatgcagta ccagtacaat 60
acggacatgg ctcccgatcg gaaccagctt caggggatga ctaaacgaga gcatgagtcc 120
attaaggaat atgccccaaag atggagagat tntgcagctc aagtcgtacc gcccatgatg 180
gagagggaga tgatcacaat tatggtagat acgttaccba cattccacta tgaaaagctg 240
ataggctaca tgccagctaa ctttgcggat ctogtcttcg ccggcgaaag gattgaatcc 300
gggctacgaa naggcaagtt cgaatatgct gccaatatgg cccccaacaa caagagaaga 360
gccccagtag t 371

<210> 883
<211> 254
<212> DNA
<213> Glycine max
<400> 883

cgcgaaacttt gaccattggt cttccttccc gcaatgcttc ttttcatgtc tgctgagtg 60
ggcttatagc ctaaaccata cttcccacga tttccttgag tatttatcag gctagttatg 120
ccgccgttgt tttttcctaa acccatcccg gggtcaaaac cgttcccaa cataactcgg 180
gccatcatta ccgctgcac ggacagacaa gggtgcccaa agaggagtc cacggaggaa 240
atgctgacca cctc 254

<210> 884
 <211> 101
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 884

ntgagggtgc gtagcccacc atctnttcat agtagagtat cgataatgtg tctaccatca 60
 cgattatcgt ctccctttcc atcattgggg gtaccacttg g 101

<210> 885
 <211> 300
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 885

tttccatatg tcatcaaaca taaaaagggg aaagggaatg tagtggctga tgcactgtct 60
 aggagacatg ctttacttgc tatgcttgaa actaagttgg ttgggtctcga gtctttgaaa 120
 gacatgtatg tgcattgatgt ggactttgct gaaatttttg ctgcatgtga aaagttttct 180
 gaaaatgggt actataggca taatggattc ttggttaaag caaataaatt gtgtgtgcct 240
 aagtgttcca ttagagagtt gcttgtgagt gaatcacatg aggnnggggtt gatgggacac 300

<210> 886
 <211> 331
 <212> DNA
 <213> Glycine max

<400> 886

tccattgtcg aatttcgagc gtctcgatat atgatgcgcc taattctgac ttccgagtga 60
 agagttatga ccatttgaat tactggcgag cttccgttga tcaatttcga gcatctccaa 120
 acattatgcy ccttaatcgg acatccgagt gaaaagttat gaccatttga agttctcgag 180
 agcttccgtt gttcaatttc gagagtctcg atatattatg tccgtgaatc tgacattcat 240
 gagaaaagtt atgaccactt gaatactcga gagctttcgt tgtcgcattt cgagcgcctc 300
 cgtatattat tcgcattaat cggactttct a 331

<210> 887

<211> 233
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 887

aactggggca aataaagagg gtgaggatga gggagaaacc catgctgtga cggccattcc 60
 .tatacggccca attttcccac caaaccacac aatgtcatta ctcagtcaat aacaaaccac 120
 ctcccttacc accacccagt tatccacaaa ggccatccct aaatcaacca caaagcctgt 180
 ctaccgcact tccaatgacg aagaccacct ttagcacaaa ccananaaaa cac 233

<210> 888
 <211> 336
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 888

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 aaaaacatca tttcttcttc tttctttctt ccaaagccaa ttctaaagtt ccaagcactt 120
 tctccatcac ccacagccac cattagccac cacaaacctat cgttggttctc cattgaaacc 180
 ccacaccgag aggaaccctt caaccgaagt ggaatcttcc aacttggtctt gcggtttcgg 240
 tagagaacaa aaccctaata tgacctttcg ttttcttttg agactatntt agtctcaaaa 300
 ttatcaagaa ctacgtaggt ctgagttcct catcac 336

<210> 889
 <211> 563
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 889

attgaacca tttaangccc tctattagct gaactctcat acatacgtct gagccggact 60
 ctgactctgc attaccttgt cccangtgat aatgtcaatc cttactcttc gaagcancga 120
 ggaaacgaga gaaggataat ttccactcta aggacataag gagaggaaag gatattcctc 180
 atcaaagagt gggagatagc tatacgacca gatagataat tcccaatcca agactgtgag 240
 agagaacaag agaccgagat gacngaagga tagctcctga tcaatgatcg aaagataaca 300

gaagaaatgt gcagagggga tctctggaca gacaatatct atacaaatac agaattgtca 360
 ccaaataaac acaagagaga aaggaaacca taacctacaa gtggtcttct gccttcgatt 420
 accaaccaaa atactgtgcg tcngtgactt ttgtcgctcg cgtcagacaa naactgaaaa 480
 cgaaaacagc cacactaaaa ctatcaaaag ccataacaac aanagccgat aaccactaa 540
 agagtcacgc cacgggagtc tat 563

<210> 890
 <211> 471
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 890

agcttccatc anattgtatc aaagcacaag agcttaaagt acgtgctcct taaacctcca 60
 ttaaccttta ttggtgtttc ttcatttttc tccatgtatc tcctcacgtg tcttgtgcta 120
 aatgttggtc acatgatttt ttagaatttc gacaattaaa cttgctatag aagctagatt 180
 tgattttcta tggttcaaatt ttcttggtct tgttcttgaa ccataattgt gttgactnta 240
 ngtttctttg agttttgtct tgctatttat ttgtggctga aacttaaacc ataaaattct 300
 tacaaaaata ttaatgtata agaaaacctc aaaaatctag agtgacatgt tcacctattg 360
 tagttntgtc ataaaagtca tgtctagtca tgaaacttgc catatatgat tctttatgtn 420
 gngctgaatt ctcattttct tgggtctttg tctaactcat ttgtctctga g 471

<210> 891
 <211> 461
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 891

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 gcaagttgaa agccttggag gaaagaggta tgcctatggt gttgtggatg atttctccag 120
 atttacctga gtcaacttta tcagagagaa atcagacacc tttgaagtat tcaaggagtt 180
 gagtctaaga cttcaaagag aaaaagactg tgtcatcaag agaatcatga gtgaccatgg 240
 cagagagttt gataacagca gggttactga attctgcaca tctgaaggca tcactcatga 300

gttctctaca gccattacac cacaacaaaa tggcatagtt gaaagggaca acaggactnt 360
gcaagaagct gctanggtca tgcttcatgc caaagaactt ccctataatc tctgggctga 420
agccatgaac acagcatgct tcatccacaa cagagtcaca c 461

<210> 892
<211> 465
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 892

agcttgacca atcccgaccc aaccgggca tagtcggtca gtgagaacct gtgatgtacc 60
taagcaggcg agctcctggc agtcaacaga taaaaggaac aaagaccaca aagcaaggag 120
gcttggtgtg gctggccagc tgtgaatctt gtgtgatata tgggtttttg cctctggtaa 180
tcgattacca aggggtgggta atcaattaca aggcttaaaa atgaagacag gaggctaaga 240
tgggtctctgg taatcgatta ccaaaggggt gtaatcgatt accaggcttg aaaacgaggt 300
caggaggcta tgagggcttc tggtaatcga ttaccaaggg ggtgtaatcg attaccaggc 360
ttaaaaatga angcagcang ttgtagaggc ctctggtaat tgattaccag tctgtgtaat 420
cgattacaca gaggaatggg tcaactggtaa tcgattacca cgtat 465

<210> 893
<211> 238
<212> DNA
<213> Glycine max
<400> 893

tttgggctag cccatgttcg atactctaca tagaggtagc gtggaacata ccttgcaaca 60
gtgtgtatac ataggtaaata ataatgagca tgaaattcct agtaaagtgt gaatgattgt 120
cttcctaaat gaatgtatga tagtgtggaa tgcctttttg aatgcaaata tgtgcatgat 180
gtaaatagct atccaatatg catataaata aatatgagtg aaacaataac aatttgta 238

<210> 894
<211> 419
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 894

agcttgtttc cctctaagta cttgattctt ggaaagtgat gtgccatcat tttcttctat 60
 tttctagacc ctttttgcac cattttaatt actgattggc ctttaattgtc aattaatcag 120
 gcagttttat tatttgggct catttagcta atttgatgtt tttaatctaa ttttaggaat 180
 taatgaaaca ttgggcttaa tccggatttt ggttatggac ttgaagaggg caaataaagc 240
 agcgcttatc ttagttaatt tctaattagg aaattttgca attttatttt atgttggtca 300
 gtgtttattt cgttntgggc cagagtattg taatagagcc cagtgacttt gagtgactct 360
 ttntaaatag cagccttggg attcgtgcaa ggcattctat tatgctattt tcattattc 419

<210> 895
 <211> 402
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 895

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 ggtaacacaaa anagatcatt ttcccctgcc attcattgat canatgcttg agcgcttggc 120
 aagtatgtct cattacaatn nttttatggt tnttctgggt atttaciaat tcatattgct 180
 cctgaggatc aagaaaacac cacattcacc tatccctttg gcatttttgc ctataggagg 240
 atgccctntg gcctatgcaa cgctctgggt accttccaac ggtgtatgct tagcatntc 300
 aatgatnttt tagagagttg catagatgtg tntatggatg attntactgt ttatggatcc 360
 tcttntngat gcatgttggg tagtctagat agagttctta at 402

<210> 896
 <211> 396
 <212> DNA
 <213> Glycine max

<400> 896

atcctctgag tcacctgagg ctgcagcttc tatccaggct catcttggtg gtgaagctcc 60
 ttcttccatg gcttattccc tagtggatgg cgctcctct cacctcttct ctttgtctt 120
 ccgctgcac tcacatgggtg aaaatcacca ttaaaggacc tcattgaagc tcaaagatcc 180

agcctccata gaagccccac aagcaagctt ccatcagagg aggagctcac ccctcttgag 240
 ccttcttatt ttgatgcagg tacgcacatg gctaaggagg aggatacctc cacaaccag 300
 attcatgagc catcttctac acttgtagct gatgatgcca caccatctgc accagcacct 360
 gagtcatgagc atcctatctc ttaagattca ccaact 396

<210> 897
 <211> 354
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 897

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 tcgaacatac tgaataatca gccaggagct tacaagcgta caagtggaaa aattactcaa 120
 ctcttacagt atgttctaag tctgagtaat ggaaatacat attgcttact atttaactac 180
 aacgcttact tgacagatga gcagttcatc atagctatcg gaaggtgaca ttatctctta 240
 ttcttaatta ccccttaatt tgtacatgca ttattaaaca acctttttaa acaaaaatac 300
 ttcatcaata ttagctctca agtctaaatt agatgccatg tatcatatctt atat 354

<210> 898
 <211> 446
 <212> DNA
 <213> Glycine max
 <400> 898

agcttatgct gcaaacatct acaatagacc ttctcaacct caacaacaaa atcaggcaca 60
 acagaataac tatgacctct ccagcaacag gtacaatccc ggatggagga atcatcccaa 120
 ccttagatgg tcgaatccgt cacaacaaca acctattttt caaaatgttg ttggcccaag 180
 cagaccatat gttcctccac cattccagca acaacaacaa caacaacatc cccagaaaca 240
 gcaaacagtt gaggccctc cgcaaccttc ccttgaagaa cttgtgaggc aaatgactat 300
 gcaaaacatg cagttttaac aagagaccag agcctccatt cagagcttaa ctaatcagat 360
 gggatagttg gctacacagt taaatcaaca acagtcccag aattctgata gataccttct 420
 aatctgtcag aatccccaaa tgtgag 446

<210> 899
 <211> 360
 <212> DNA
 <213> Glycine max

<400> 899

tgtccgcaaa agatcactaa caacgattct aatgttcgag acctcaattt tctctcacca 60
 agtaaaaatg gatcattcta aggtccaacg ccttataatg aacaccttcc aagtaaaaaa 120
 aatagcttga ttcaccctta aaaagaacta cgtatgtctg atttcctctt cgatggaggg 180
 tacgtagaag caagagccct gcttttgtcg acctcacaaa taaaaaagaa ataaaaagtt 240
 tatgtacaca atttcataca attcaataat taaggctggt gtcctttgag acaaacgtga 300
 gaggtgctaa taccttcttc aaacgtaa atcaactccc aatctggaat attcttcatg 360

<210> 900
 <211> 449
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 900

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 tgaagatttt tctggcactg tatctgttga tgatggtgat gataatatct gcagaatttt 120
 gactgttgaa gatagtttgg gtaccaatgt tggagtatat actgatgata cagaagaaac 180
 aacagacatg ctacatgcac ctctctcttc tggaccgaat aagagaagaa aattaatgaa 240
 ttcttttagt gctggagttg aagttgatag ctactcgaca gctgaaattg ataactcatt 300
 ggattattct cagacctcta gctgtgtttc tgatgataca gttgaaacca ctcaagatga 360
 tacactngaa accactcaag atgatatagt tgaaactact caagatgata cagttgaagc 420
 aacacaatat agtgaagggt tactgtcat 449

<210> 901
 <211> 399
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 901

ntgagggtgc gtagcccacc atctnttcat agtagagtat cgataatgtg tctaccatca 60

cgattatcgt ctccctttcc atcattgngg gtaccacttg ngccgccaga tccctcaacc 120
 ttttgggctg gttctttgaa agatccgtcc ccctttntgc aaatgttctg tagttgcatc 180
 ctatccagaa ccatatcaaa attgtactaa tactgcctaa caaaggcaac caatagggtcc 240
 ttccaagaat ggactcggga aggttccaag ttagtgtacc gggtaacagc taccacagta 300
 agactttctt ggaaggaatg tattagcaat tctcatctt ttgcgtattc ccccatcttc 360
 tgacaataca tcttttagatg gttcttggga caagtagtc 399

<210> 902
 <211> 565
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 902

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 gacaaggcgg ccgaaggaac tagttccgcc ccgtagtacg acagtcaccg ctttaggagc 120
 gttgtacacc agcagcgttt cgaagccatc aagggatggt cgtttctccg agagcgacgc 180
 gtncagctca nggaggacga gtatanctga ttccaggagg aaatagggcg ccggcggtgg 240
 gcaccactgg ttactcccat ggccaagttn gatccagaaa tagtccttga gttntacgcc 300
 aatgcttggc caacagagga gggcgtgcgt gacatgagat cctgngttag gggtcagtgg 360
 atcccgttcg atgccgacgc tatcagccag ctccctgggat atccgatggt attggaagag 420
 ggccaggaat gcgagtatgg ccagaggagg aaccgggtctg atgggttcga tgaggaggcc 480
 atcgcccagc tgctatgtat anccngntan ngatttgcen gactgctgan ggagagagtg 540
 cgatcatcnc accatatgac acccg 565

<210> 903
 <211> 381
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 903

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 aattgctgag gaaaattatt ttcgtgaaga aaatccaagc cgaggcgctt ccgtaacgtt 120

tctgtaacgt ttccatgagt aattacgcga agattctoga ccgttcttca agattcatcg 180
 ttcgttctgc gttttcttca gtcttcaacg ggtaagtacc tcaaaccaag cttttcaatt 240
 cattctatgt acccgtggtg gtccacattt tgtttcatgt atttttattc tcattttcat 300
 ttactttnta taccctcttt tgacgtgctt aagccattta tttaagtcac ttctcgctta 360
 atganaaat aaaataaatc t 381

<210> 904
 <211> 387
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 904

cccatcacat gtgggtactat gtgggtggtc ggcatggtg cataatgatt ctccacatcc 60
 acaaatcacg tataaccac catccctgg tgccacctc caactgagct cacgtactcc 120
 cacgtagccc ttatcctcgn tctctcaac gccgggtccc catcaatcct cccaagcttc 180
 cacaacatcc aagtaattca acattcaatc atcacaaact aacacagcca agaaaatagg 240
 gccaggcag aaaactctgg ccaaaacaca aaccaacatc acagcttttc acattcaatt 300
 acctcaataa gagtctctgt gttccaggtc ggtaaccgct ggatcgaact cgaaattata 360
 ctgggaagct ctagtacata agtctac 387

<210> 905
 <211> 130
 <212> DNA
 <213> Glycine max
 <400> 905

gagccttgtt tccctttcct tgttttgaag ctcaactaaa gccttaaag aaaaaccatg 60
 atatcaccat atccttaagg aattttggag ctttgggaatt gttttgggaa taagtgtggg 120
 ggggggggggg 130

<210> 906
 <211> 417
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
<400> 906

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ntccttcaca ttcagcanat tcagcattta aatgtgatat ttaatgttat gctnttttat 120
gccatgataa ttggtggaat gaatattatt tatttgtaa ggtttcatga tatcgaatat 180
tgatacctaa naagggtaat atttcaagt gtgtgattag tggtattttg agatgaaaca 240
ccaactatat gtaatcttat ctttgcatca tcaagttggg attaaaaatt tgtaatctat 300
tcgttgata tgatagtagt agggactcat aaggatntac ttagtaagag gcttaaccta 360
aagtaagaat ttgttttct gagacaaaac tgcagagatc atcntgtttt attatta 417

<210> 907
<211> 465
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 907

cgtgcattca atactctgat gaggagggtc catatgtctc aagactggac taatacattt 60
gctgtccaag tttcatgggc ttgcagggtga agatcctcat aagcatctta agaagttcca 120
tattgtctgt tccaccatga agccccctga tgtccacgaa gatcatactt ttctaaaggc 180
ttttcctcat tctctggagg gagtggcaaa agattggctg tactaccttg ctcccaggtc 240
cattaccagc tgggatgacc ttaagagggt gttcttgggg aaattcttcc ctacatctag 300
gaccactgcc atcaganaag acatttcagg catcangcaa cttagtggag agagcttgta 360
tgagtattgn gaaagattca agaaattgtg tgcaagttgt cccaccacc agaattttga 420
gcaactcttt ctgcaatatt tctatgangg acttancaac atgga 465

<210> 908
<211> 588
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 908

gggaccacgg ggnnnnaatt gatcgcatgc tattangcca tactatagat tactcaagct 60
cgagttgagg aagtgtagaa gggtgaaact tcttggtttt attcgttgac cacagagtgg 120

tacctggaga tatgtcgca gggtcaggag aaccttggga cgtcagggtg tgtgctattg 180
 cccaaaacca agcttgacca atcccgaccc aaccggggca tagtcgggtca gtgagaacct 240
 gtgatgtacc taaacaggcg agctcctggc agtcaacaga taaaaggaac aaagaccaca 300
 tagcaaggag gcttgtggtg gctggccagt tgtgaacttt cattgatatg tgggttatgg 360
 cctctggttaa tgcattacca aggggtgggta atcgattaca aggcttaaaa atgaagacaa 420
 gaggctaaga tgggtctctgn gtaatcgata ccacggngtg taatcgatta ccaggcttga 480
 naacgaggtc aggaagccat gagggcgctct ggtaaactga taccaagggg tgtaatcgat 540
 taccaggctt ananaggggg atggacattg tganggctct gtaatcan 588

<210> 909
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 909

agtatgacag tcaccgcttt aggagcgttg tacaccagca gcgcttcgag gccatcaagg 60
 gatggtcgtt tctccgggag cgacgcgtcc agctcagggga cgacgagtat actgatttcc 120
 aggaggaaat aaggcgccga cgggtgggcat cactgggttac tcccatggcc aagtttgatc 180
 cagaaatagt ccttgagttt tatgccaatg cttggccaac agaggagggc gtgcgtgaca 240
 tgagatccta ngtaaggggt cagtgga 267

<210> 910
 <211> 361
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 910

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 gcaaaatgat gaccctangg ctgctaactc gtaaatcccg tgggtatggc tcttgaaagg 120
 cggaaaaaga agtttatgaa tgcaaaaacg cgcccccttt cgtcattctt atatattggt 180
 gcanggggtg ctcgcccagg cgagctaacc tgcattatit tttttgagag gaacattaac 240
 catgtccact ccttcctttt agcgctttgc ctaacttgaa cttacttaag ttagaatcaa 300

gcgttgatta cttattttta ataacaaca gatagtaaga taactgcgaa taaaaggat 360

a 361

<210> 911

<211> 471

<212> DNA

<213> Glycine max

<400> 911

agctttctct actgcaattg tcaaacacgg tgtctaaatg tgagttcgaa taacaacttc 60

ttttacatgg tgatcgcgga tgtacatccc aacttttagtc atattcagat tctcgttcaa 120

actagcgtcc accattgcac tccaacctac tcaatatagg agggctccat atttcaattg 180

tgctataacc acgcattctc tctaattctcc ccttgcacct tttttcattg aaccaatcct 240

agaaaaaata tttgcataat gaatcacctc cgaatctgta ctatccttat tgctccaaag 300

cttttcattc catctcctcc aaacactcca taacatcata gcaacacggt tcccttgccg 360

gactgatagg acttgaatta atctgaatat gaattcaaag cacgaactct catcaaatat 420

cgttaggtcc tcaacaacat cccaagtgga agactcttaa gttaaattatt t 471

<210> 912

<211> 409

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 912

tatgcattgt ggaatttcac cagagagagc attgtttgaa acatctcaac ttgttgatgc 60

tttcagctta accgacttca aagggttaggc tttccattga acgagttgtg ggacaagttc 120

aataacaatg acaagtanga aagaccaatg acttgcaaag gaatagttcc actaattctg 180

ttgtgtgaaa ggtcaagggt attgtaaatt tggcaattcc caacaccagg atgtatgctt 240

ccttccaaca cattatttga caagtcaagt tgaaacaaaa gactaagggt gccaatggat 300

aatggaattt ctctgacag tttgctcaca tttaaattca atgactgcat cttttggaac 360

atgacaaaag aagcaggaat agtcccagta atctgatggc caccaatat 409

<210> 913

<211> 442
 <212> DNA
 <213> Glycine max

<400> 913

gatcttaagc acctgcggt gcagctttgc ttaagacatt gtcttggttg tttgcttctt 60
 tatttttttc tggaaattgc tagtttagta taggtccttg atttttgggt tatttgtaat 120
 aaatgtgtac tccttgtgtt tgaggcttaa agcttaagta tagagtagtt gctttcaaga 180
 atagtgttgc tatggaaatt tcctttaaat ttgcggtgcaa cgtcaaacca aaatcctacc 240
 caatgttttg aaatccatca tactggtcct ttagaattcg aagaatggta caatgatttt 300
 aatgggtccc accactgggt tatactgtat taaatatcca ataaatatac ataaataatg 360
 gaatcacgtc ttagacagaa atgttacata acaatactac aaataatcac atactactat 420
 gctacgaata atcactgata tg 442

<210> 914
 <211> 524
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 914

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 acctggagat atgtcggtgn ggtcaggaga accttgggac gtcagggtgn gtgctattgc 120
 ccaaaaccaa gcttgaccaa tccaaccca acccggtcat agtcggtcag tgagaacctg 180
 tgatgtacct aaacaggcga gtccttgga gtcaacagat aaaaggaaca aagaccacaa 240
 agcanagagg cttgtggtgg ctggccagct gtgaactntg attgatatgt gggttatggc 300
 ctctggtaat caattaccaa ggggtgggcaa tcgattacaa ggcttataaa tgaagacagg 360
 aggctaagat ggtctctggt aatcgattac cacgngtgt aatcgaatac caggcttgaa 420
 nacgaggtca ggaagctaag gaagcctctt gtaatcgatt accaaggggt gtaatcgatt 480
 accaggctta naaaggggaac tgggagatga tggaagcctc tggg 524

<210> 915
 <211> 305
 <212> DNA
 <213> Glycine max

<400>

915

ggctgcagct tattgctaca aggcacttac tcttctagcc ccaagagact cagcataagg 60
atgcacagac caaagttgtg ttgtataaaa aatgtgttga ccaatggaag gtgctaattg 120
caaaaacaaa tgaaagctat gccaaagcaag cccaaaaaaa aaggaaggaa gtggttcttg 180
aaccgggaga tgatcttggg cattcgagga caaatgtttt ccaagaggga gggaatgatg 240
agaatcatga aacaggccaa atacagtcta aaggcccaag tggagaagga cgaaggccca 300
agtgg 305

<210>

916

<211>

353

<212>

DNA

<213>

Glycine max

<400>

916

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cagggtcaaag ttgagtatga gataagattg tatgaccaa tgaagggtgca tattgcaaag 120
aacaatgata gctatgccta gcaagccaac aagataagga atgaagtggg acttgaaccc 180
tgtgatgatc ctggacattt gaggacaaat gttttccaag aaggagggaa tgatgagaat 240
catgaaactg gccaaatata cgctaaaggc ccaagtggag aaagactaat gcctgagtgg 300
agaatgacaa taaccctgag tggagaatga tgaaagccca agtggagaat gat 353

<210>

917

<211>

404

<212>

DNA

<213>

Glycine max

<400>

917

actcagcttg tcatgaccog tctcttttggg gcattattga tctgtccaaa cttaacagct 60
cattcttttt gaacatactg aataatcagc caggagctta caagcgtaca agtggaaaaa 120
ttactcaact cttaaagtat gttctaagtc tgagtaatgg aaatacatat tgcttagtat 180
ttaactacaa tgtttacttg acggatgagc agttcatcat agctattgaa aggtaacatt 240
ttctcttatt cttaattacc ccttaatttg tacatgcatt attaaacaac cttttataac 300
aaaaatactt catcaatatt agttctcaag tctacattaa atgocatgta taaatattat 360

ataaaaagttg ttttcatatg ggattgataa gcgtgtgtgt gtct 404

<210> 918
<211> 453
<212> DNA
<213> Glycine max

<400> 918

agcttggcgg caaccacctc cctttttttc tctataatag gggaaaaagg gcagagtaat 60
ttggctcaac ccttctggaa tttaggattc tcttgaaatt agagagaaaa attgtttccg 120
tgaagaaaat caataccgac gcccttccgt aatgcttctg agacattttc gtgagcgatt 180
ttgtaaagat tcttcaccgt tcttcacgc tcttctgtcg ttcttcgtcg ctcttcggtc 240
ttcaaccggg aagttcctga aataaaacct ttcaattcat tctatgtgcc catagtggtc 300
cccacctgtt tcacgtgctt ttattttcat ttcgtttggtg ttccgtaccc ctttttgacg 360
tgctttaacc attatttaag tcgctttctc acctaatcaa gtaataaaat gagattccac 420
caatcatttg agttgtaata tcgtttaatc tct 453

<210> 919
<211> 419
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 919

gcngcaccgc tnaaggtaaa gactcttctc gtggccttca aacttccaat atgggtcattc 60
aggccctcac cattctgctc cttcttggga tatgggcaat ctctctaaat atgccctctc 120
tgtcaatagt tgatacaagt cgcgccttta tcagcataat tcgaggaaat gtgccctggc 180
ttaccacatt tgtaacaagt gatctgagtt gataaagaag tgggtttgct accattacca 240
ccagcaaacc ccatagcatc agtcctctga ttgttggggc gattaccata tgtcttaaga 300
ggggttgagt acgatcttcc ccgttggtga ggtccattct ttttgttctt cattgngcct 360
gcactcctat aatacgtgc cttgtatcag aagcttcac ccaatccgga catgttacc 419

<210> 920
<211> 245
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 920

cacaacaagc tttcacatcc acaatgcgcy cataaaccce ccatcccctg gtgccacact 60

ccaactgagc tcacgtactc ccacgtagcc catatcctcg tttctctcaa caccgggtcc 120

ccatcaatcc tctcaagctt ccacaacatc caagcaaaac aacattcana cagcacaagc 180

tatcacagcc aagcaaaaca gagcaaaggc agaaaactct gctcaacaca tcaaccagaa 240

tcaca 245

<210> 921

<211> 397

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 921

cgcctaatta acctgatatt gagaganaat gattattaaa tacacaaaat ggaagtacta 60

agtatttatt atctatatatt aatagaaaat acttataaca ttacaaaata accataaatt 120

ggaagagttt gatacaattt acacaagttt tatacacaaa agttcgtcgt attcaccgac 180

taacatagca caagacatat ccgtggaggg tttcgagggt atagtcaata acatcacgac 240

caacaattac ctcacttttcg ctgacaaaga gatactcgtc gagggcaggg gacacaatgc 300

acgtgtctgt caaatgtttg gacaacatan gggccaaagt gctcatcgac aatggctctt 360

ccctcaatgt catgcncaaa gctacttttg acaagct 397

<210> 922

<211> 406

<212> DNA

<213> Glycine max

<400> 922

ggctgcagct tctcgatata ttatgcgcca gaatcggacc tcagtgtgat aagttatgac 60

cattttgaat tttcgagagc ttccattggt caatttcaag cttctcgata aattatacgt 120

ctgaatcgga ctttcgtgtg ataagttatg accatttgaa ttctctgaga gcttccattg 180

ttcaatttca aacttctcga tatattatac gtctgaatcg gactttcgtg tgataagtta 240

tgaccatttg aatttctcga gagcatccat tgtttaattt caagcttccc gatataattat 300
gcacatgcat cagactactg tgtgaaatgt tatgaccatt ttaatttctc gagagcttcc 360
gttgttcaat ttcgagcgtc tcgatataatt atgcgcctga atcgga 406

<210> 923
<211> 393
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 923

ctattacgga cactatagat actcagctag aattgaacac ggaagctctc aagaaattca 60
nattgtctta tactttcaca cggaacaccg attcaagctc ataatatatc gagactctcg 120
aaattgaaca acgaaagctc tcgagaaatt caaatggtga aaacttttca gacgaaagtc 180
ggattcagac gcataatata tcgagaagct tgaaattgat caacggaagc tctcgagaaa 240
ttcaaattgt cataacttgt cacacggaag tccgattcag gcgcataata tatagagacg 300
ctggaaattg aacaacgaaa gctctcgaca aattcaaattg gtcataacta ttcacacgga 360
agtctgattc aggcgcatac tatatcgaga ctc 393

<210> 924
<211> 382
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 924

atgccccaca ttattttccat gacacaaatg ccaaaatgat gatttggaaa cttcatgcaa 60
aacttgtcat gcatgcatct atgcggacac tcaaattgtca aatttttatg gtcattgtat 120
gctaaggctc aggattcatt tctctatatt ttaatcaacc caatgtttcc aaaatatgtt 180
cttttatcaa tttgtgcatt catccgagtc catttcgggc gtccgggaaa tttcacagca 240
ttcaccttcc aggcgtagac acatttccca aaaattgggt atgggtcaatg aatnttttca 300
aagaaaagtt ggaaatcgtc tcttttcaaa agcatgtcat ttttagctag acaacttatt 360
ttctttnttt ctccttcttc tt 382

<210> 925

<211> 386
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 925

nggttcgagg tacttaccg ttgaagatcg aagaacgatg aataacgaat gaagaacggt 60
 tgataccttt gcgagattcc tcacggaaaa cgttacggaa acggttcgga agtgcctcgg 120
 cttagatntt cttcacggaa acaattnttc caagcaaatt cgaaggagag agaagtgcct 180
 aaggggctgg acccctttct tcttcatttc ctcccctatt tatagcaaaa taggggaggt 240
 gggtgcccgc cagctcgccc aggcgagctc agctcgccca ggcgagcagg gttgcttcct 300
 ccagaagcaa ccgccttctg gaggaatatt ccagaggggc caagtgggccc tgggtgctat 360
 ttgcaccenn cattttacta agtaca 386

<210> 926
 <211> 419
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 926

cgccatnntt tgtttaatat gtntnntttt tcaataaatg gaacttcatt ttatacataa 60
 ttggtattag tataactatc aagtttcaac tattagaaat taaactagac attataactt 120
 ttaaagcagt tactattata agaattaata ttttttcata atatatagca atccatgatt 180
 agtttacagt atacaaaata tntatttcat taatatattt caattaaatt cttgataaat 240
 aaagacacan ttttaacatg atctatcgtg tatatgaaag tgtcttcggg cagaatataa 300
 ctctaacaaa attttctaaaa catagatata tacaatatca tataaaatat aaaataataa 360
 aattttaaac tacaatggca aggtntataa tggtataact tcgggtaaca aaaaaaaaaa 419

<210> 927
 <211> 438
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 927

ctggtttaat gaaacatgca gnccatgtgc gccactgggtg cgagtagaac ctgaaagtgt 60

ggcgtagctg cttactgtga aggcgccgaa actgtgatgc cacaaacttc aagtcacgcg 120
 ctttcagggc aaaggcttcc acttctgaaa gggtttggac agtcctgggt gaggtangaa 180
 ggttgggtga agaatagagga tccaaagccc acgtgagaag ctctctcca cagaagtcac 240
 cagccttgag gtactcagag ttgaagaagc cggttcttcc accgttagtt gtcattggtca 300
 atagcttgcc acgcaattatg aagagcatct catcaaccgg atctccctcc cggacaatgt 360
 agctttcttc tgtgtaagca ctggcttgag aaagcgcaca ttgatncaga agtggttcgtc 420
 atttctcaac attggacn 438

<210> 928
 <211> 491
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 928

tagtagcagt taccagaagt caatattgtg ccaatgacta tcatcatttc tatcttacct 60
 antttgaatt atggccttgg tttgtgtgtc tagattgaca ccagactcct aaatacacia 120
 tatctttcat tgcaagctta gcaactgtcc caaaacccaa gtttattcga aaccaagtgt 180
 catgatttct atattaccaa ttntgctagt tgtaaatggt gaatcatagt tttgctctct 240
 catctgccct ttgtctcacc tctttacctt acaacttagt caattctatc attacccttt 300
 ttcaatatgc agaatacagc acatgcaaac atatctaacc cagcaaatgc caccatcaat 360
 agccaggcta tgggtccagaa ccaacaaaat gcctcatgtc ccatttcttt catcttctaa 420
 atntattgga gcttctgcag attaaaagaa gcattngttc ttcatttcac atgaatctac 480
 tgggttagtt a 491

<210> 929
 <211> 348
 <212> DNA
 <213> Glycine max
 <400> 929

agaagaagtt catagagatt gattggattg tcagaaagat tgaattgatt gaaaatgcaa 60
 aacaaagcct tgcttttata gactcttcgt gtctgggtcaa gaagaccact tagaagagtt 120

ataactttta gaaaaactta aaaccaatth gaaaaagtca aaaccttttt gaagagttac 180
atcttttgat ttattcagaa acaaacactg gtaatcgatt accaaattag tgtaatcgat 240
tacacaaagc ttttgtgtga aaggatgtga ctcttcacat ttgaatttga atttcaacgt 300
tcaaaggcac tggtaatcga ttacccaaac attataatca attacaac 348

<210> 930
<211> 408
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 930

ctgatcanat gactaanatt aatcggcaca acagatatth agcagtagga gggaggcctc 60
caacatacac ccgcctagca tatcatgtac cctgtaaatt caatacataa agacaggcca 120
taatcagga aagtcatgct aaacttaaaa tgaaacttat ataagactgt acttagtctc 180
ggcatgcctc catactcgga aagactaaac ttaaaacgth ttgtgttgag gaagttagt 240
tgtctctact ctgtatgtat aatgactctn ttcttctcaa tgaaagagaa tatcttcttc 300
cagtagcaca atgatactat acaacaaga gcgcaatata nagaaacaca tggtaaaaga 360
agaccacaca cctttcatct acagcagcac atgatactgt aatatatg 408

<210> 931
<211> 455
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 931

agcttctcac atctgactct ctagttccaa cgtggtgtht tctcttgatg cacttctctc 60
gatcaccttg accaatggaa tctcttccc tcttaggtgc tttgttcgcc tatctttgat 120
cctcaaaggc aatgttccat atgtcaagth cttcttctact tgtacgtcat ccaatttgat 180
cacacgagat ggatcatgga tatactcacg aagttgagac acatgaaaga caatgtgaag 240
gttagaaaga gacaggggta atgcaatttg gtatgccac agtaccgact ttttttagaa 300
tttgaaagg acagataaaa tgaggtatga gttattgnga tttcaatgct cgaccaactc 360
cagtcacaaa agtgactctc aagaatacat gatcactaac ctogaactcc aagtcttctc 420

tccttcttgt cctgatagct ttctacctac tctga 455

<210> 932
<211> 328
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 932

tctacttcat aaccccttga actacttcac attgatctat ctggtccttc tagaacaatg 60
agtttgggtg gtaattacta tggcttagtt atagtagatg attactcaag gctcatatgg 120
actttgtttt aacccaaaat gaagcttttg gtggctttta aaaacttgcc aaggtgattc 180
ataatgaaca aggtctcaac attgtttcac ttagaagtga tcatagaggt gaatntcaaa 240
atgagtcctt tgaaaactnt tgtggagaaa atggaattca ccataatttn tcttgcccaa 300
gaacacccca acagaatggg tttgtgga 328

<210> 933
<211> 445
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 933

agcttggaga tgatgcttca atggaggata agtaagagag aaggggggag cacgaaattg 60
aaggaataaa agaggagag aagttgaact ttgaagtgtg tctcataaga ctttcattca 120
tcaaagttac aacaagtgtt acacatgctt ctatttatag actaggtaac ttccttgaga 180
aaacttcctt gagaagcttc tttgagaaaa cttccttgac aagcttgagc ttagctacac 240
acactcctct aataactaag ctcacctcct tgagaagctt ccttgagaag attcctaaag 300
aagctagagc ttagctacac acaccncta taatagctaa gctcacccca tgccaaaata 360
catganaata taaaaaaaag ttcctattac aaagactact canaatatcc tgaaatacaa 420
gggtaaaacc ctatactact agaatt 445

<210> 934
<211> 458
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 934

nttaactgaa tntgtagcgt tccaattggt ttttanatgg tgtaatcgat tacaatatat 60
tggtaatcga ttaccagtgt atctgaacgt tgaaattcaa attcaattgt gaagagtcgt 120
atcttttcat aaaatgcttt gtgtaatcga ttacatgggt ttagtaatcg attactagt 180
acaagttttg aataaaaatc aagagatgta actcttctaa tgggttttctc aagattctct 240
caagtttata actcttccaa tgggttttctt gaccagacat gaagagtcta taaaagcaag 300
accttgactt gcattgtaag aacttgatat aactttntac acannatttt gaacatcttc 360
ttgaacttct tcttcttctt cttttgcaa aagctttcta agttatttgg tttcaaacct 420
tgtttttcac aaanacaaaa gtgtgtatta tcttttta 458

<210> 935
<211> 401
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 935

agctnttctt tacaatcaat ctgtctgcta actaacaatt ctaaagcaa gttcacattc 60
ttgttctttc tttgtctaac atacatacta gctcaaactc atgaaaagaa acacaaactc 120
catcaaaatc atgcactcaa ttttaagtact tgtagttttt cgtgagggaa aataacttgta 180
cttgggggca tgtcactcgg tttggaactc ccttggtgact cgggcttata accattgggg 240
gtggggtgga gttgcctgtg cacaacagga tgaccttgac acttgctacc cagctttctt 300
gggtgtgagt gtcgtgtggg aatgctcang ctatttcatg acgaatggta ctacattgca 360
tttgagagtt aaggtaaggt gcatgcatca tactaagcat g 401

<210> 936
<211> 422
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 936

tcacacttga taatggagaa cacatgatca gcgctaggca atgacattca tgggtactccg 60
aaciaaggtg gagtatggag gattgccttg aggggtccgca cttangcaat catgaaactc 120

agctccaaac tcgaaagtgg aggacacatg aacagcccta agcaataaca ttcattgtggc 180
tccagaaaag gatgagaatg gaggattgcc ttgaggggtcc tctcttancg aatcatgaaa 240
cacaactcca aactcaaaag cggaggacac atgaacagcc ctaagcaata acattcatgt 300
ggctccggan aaggacaaga atggaggaat gccttgaggg tcttctctta agcaatcatg 360
gaacacagct ccagactcga aaatggagga cacatgaaca gccctaaagc ataacattca 420
tg 422

<210> 937
<211> 506
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 937

ntttgctcat ctcgtccagn gatccttgag tcacctgcng catgcagctt gaagaaaaat 60
tagtattaat gtatgtaatg tataatntag tggngaatat taaggctata ttaatgatga 120
tatangattt cattagaatt agaaaaagg gtaattaacg tcatatagag tctaaaagtg 180
gagggcattt ttggtaatga ctatacaact agtttaaaaa taggatttta atttaattaa 240
ttgggtgacta attaaagtgt ctaattatta tgatgtaaat aattaanata agttagagtt 300
gaacaccctg*aanattataa ctcagactga cataaaactc tatgtngggc atctgtgtgt 360
gtatgaagtt aatttcagta gctataccgt tttaatacata gaantntcgt gctatgatat 420
atgtatgtga ctggtttagt aagcttgact gngaatagaa ctacctttgc tagattcatc 480
agtgcacatt tgactgtgat taagcn 506

<210> 938
<211> 397
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 938

ngtanggtta aagtctcacg atagtcacgt gctcatgcaa cagttgttag ccatggctat 60
acgagacatc ttgccaaaca aagtcaggtt agcgataact cacctgtgct ttttcttcca 120
tgctatatgt agcaaagtca ttgatcctgt caagtttgat gagttggaaa atgaggccgc 180

aattatacta tgccagttgg agatgtatTT tccccctgct ttctttgaca tcatgattca 240
 cttgattgtg catctgggtca gagaaatcaa atgttgtggT cctgtttatc tatgggtggat 300
 gtacccgatt gagcgataaa ttgcanaaga agccattgaa tttttttcag aataacttaga 360
 gaatngctaa acctgtggcc ttctgagtct cgcatga 397

<210> 939
 <211> 422
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 939

agcttgtaac ttatataata tatacatttt attgtaatta tattttaaca catcagaatg 60
 gtgcgcccat aaccacaggt tcccaggatc gaaacctggT tctgataaag agtggcttcc 120
 gatctatcac atatatatat attttatgcy taaaacatat atcattacgc aatgacattt 180
 gagtataata aaaaatagtt ctgcagggcc taacatttca gtgcttatat taatttagtt 240
 accatttaaa ttttattatt gagtcaactt tttaacgtat attcatattt tctctttggT 300
 aattntattt taatttgctt aagtaaacad attttttatg gataataatg gcttccagtt 360
 tcttagtgaa ccacatctga aaaattatac ttgaacaaga agatgtgttc actatgtcat 420
 ag 422

<210> 940
 <211> 427
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 940

ggtagagtcc ctntgtgtct ctagcttcac acacatgtag nggaacatct atgnaaacct 60
 gcaacgtgta agcattgcgt tagctataat ttatgaagaa ccacttctag ttctataatt 120
 gtacaacata ttagcatatg ccaaactatg tgtatcattt ggatcaccaa aataagaata 180
 ttacctcaat aaaatctcct ttgggcatta gtgctctgca tgcattctta ntcctttggT 240
 atggtgatat taaactagtT atgcaaataa caccagcatc tgcaaagagt ttagccacct 300
 cacctganaa ttntatatcg tgatgtctaa ttattaataa aacaataaaa tataatcgga 360

agatatcagg gaaagcattt agaaagcaac ataagaaaa acagataaac tcaccaatcc 420
 ttctaatt 427

<210> 941
 <211> 119
 <212> DNA
 <213> Glycine max

<400> 941

tgcttgagag acttctatgg atgttggatc tttgagcttc actatatgtc cttcaatgg 60
 gattttcaat catggagttg catcggaaga taaaggagaa gaggcgagag gaggtgtca 119

<210> 942
 <211> 473
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 942

agcttgtgtc attaagcgat attccactnt tggcgttgag cagcacctct tgtattgagc 60
 gaattacctc ctcgggttgc aattgcactt agcgcacagg tctcgттаag aaagttgtcc 120
 aaagatgtta tttgaaaaat ctcaatagta aaaaatgtag gcatgaatca agaaagttgc 180
 agttcatgtt tgaaggtgat ccaacggtta acgagtctgg gatcatgggt ttactgaaat 240
 aggttaaaca aactccacat aaccttattg ttcacaccaa gcaaccgcac acaaataagt 300
 cacacaacac ctcaactaat ccaacttaat caaagaatgc aagaattata ttaaactct 360
 attttcagtt atcaatattn taggctgtta caaaagacct tttcttgggt atcaacacca 420
 aagtattcaa gaatcttggg gatcagaact gcatagggac acctganaaa aac 473

<210> 943
 <211> 357
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 943

tagatactca agccattca aatgaaagga attcataatt aaaaagttga gaagggttca 60
 cngaagagaa tntcaaaatg actctgaatt gttttgtgaa caaatggca ttaatcgtaa 120

cttttccgct ccaagaacac cacaacaaaa tgggattgtg gggaggaaaa aaaagtcctt 180
 tgaggaaactt gttagtgttt agctctactg agctntaaaa gattgggctaa gatcttggtta 240
 aaacataagc acttagacaa tgaatgaaag ctggagttgc tgcacatgat gtccaacgct 300
 atgtcaagga ataagatncc gctgcacaat gcacaaggca agataaaatg tcaaattg 357

<210> 944
 <211> 437
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 944

tatctctagc atgcattgta tgttgggtctc gtcctttgtc acgggaagcc ggaaggtcca 60
 tatcaccttc ttaattgtac acatggggca cttgcccccc aaatgcgcga agtagaagag 120
 ataattttcc gggctctcgt gtccgtaaaa tgcattcata tcatgcatcg cataagcatc 180
 tcttcataac atcataatgg acatatcctg catttggtccg ttatcatatt ccagcctcac 240
 attttgcattg agtcatggca tcatcatgca tatgcgttca acaaactttt tgatctgcaa 300
 aattgcatac catttggttt catgtttgct catccttgcg ttttcctcta caaaacaaaa 360
 acaaagaagg ggggaagcgtg aaacttcaca ctacattcct agtttcatgt gttaggagcc 420
 aaccatgttg ggatcat 437

<210> 945
 <211> 349
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 945

ctaacctcat catctctcat agtctntaga tntgngagcc aatccaatcc ttgcgtccag 60
 actctcagcc acttatgata gccgccgatg ctcccattac tgcttcccct aagctctatg 120
 tcctttcttc acgccgcac ccattgccttg cgaactcctt ggagtaccct cgcgttggtg 180
 tcaactgaaac cccgtgcgat gaaaggcgtg atgctttcgt ctgatggcac tcctctcatg 240
 gggtagccaa gctgtcttat ggcgaggacg ggattataat taatacaacc ccttggtcca 300
 tcaagggaac atttggacat ccttcgcatg aagatagaat cctgattct 349

<210> 946
 <211> 156
 <212> DNA
 <213> Glycine max

<400> 946

cattctctct cattatcata ttagcattgt aggggggttc agagcattta tacttcttct 60
 gtatctcgag gaatggtcta caaaccttga agcctagcgt tagttgtctt atacgactaa 120
 attctgtata gaaaaacctt tgtcacagca tgtata 156

<210> 947
 <211> 387
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 947

atctaagggg ttcaaatgg aattgtgcat cgaaaactag ttctcaaaac ttggatacag 60
 tagtgtagaa gtaacttata gaaaagagat agttatatag aagagtaaag aaaacactaa 120
 ggttttatac cggttcacct caactcttgg gctatgtcca attgtctttc aaaccttgaa 180
 gggttccatt aatcaattct ttgattacaa tcagggtattc tctatgtcac ttctggctat 240
 aatgagtact ttgtaccact catgggacta ccttaatct cctcatgagt taagacttaa 300
 gtattctttg tactaagtc attcctagcc ttcacaaaca atatatgttt gatagaaaat 360
 gattctaate actcanagag tgttaca 387

<210> 948
 <211> 400
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 948

tcacacatac acacaacana tcanagcana acaaacatcc aatcactgta taattacata 60
 ctacaaaagc ctccataaca taacatcatc ctcaattctc aaaccctaaa caacaaagca 120
 cccccgccac caaacacgca cacacaagca gctaaatatac attcaagaag taggatattg 180
 ccataatcca caaacctaag aaaccacaaa actaaaccaa gcaccaacac cattccaaaa 240

acacctcaca aaacattcac acacacacaa caaaccaaat aaaaaacaca cccaccacca 300
 attcacatcc aaatcccaat caaacaccaa tcaataacac caaatcaac ttccaacaaa 360
 tccaagccaa canacagcca tcaactacta canaccaact 400

<210> 949
 <211> 384
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 949

cgccagcttc ttatccaagg ctcatcttgg tggagaagct tcttcttcca tggcttattc 60
 cctagtggat gacgcctcct ctacactctt ctctttgtc ttccgctgca tctccatggt 120
 ggaaaatcac cattaaagga catcattgaa gctcaaagat ccacctcca tagaagcccc 180
 acaagcaagc ttccatcaag tggatcaga gcacaagagc ttcaagtagg tgctccttaa 240
 acttccatta attnttttgc ttacactctt ctccattgt tggttcttca ttntttctcc 300
 atgtatctcc tcacatgtct tgtgctaaat gttgttaaca tgattcttta gagtttccac 360
 caattaaact tgctatagaa gcta 384

<210> 950
 <211> 341
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 950

tttctacttc ttccctgcca ttgtacaata aatgtagctt atagcatatt ccatagaaga 60
 atctcatggc tacttatatc tgtgtaatgt gatattcgac aaaataaagt ttcccattgt 120
 gtacttttaa gctaatagtt gaagacactc attgtgattg tcgttgcgct ttatctcctt 180
 tatgtttaat tactcatttg acccctatag ttatagaaac tttctctttt agtccctata 240
 cttaaaaaca tcccctntta gtccctacac attccatttt tattcccttt cagtctctac 300
 acatcattnt aatcccttgt agccgctatg gtgaggacta a 341

<210> 951
 <211> 464

<212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 951

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agctntngng atacttggtt catagcaata tgttgtttgt cttgaaatga tatttttagca 60
gatatgtgat gcagctctgg gatctcttga tttccttgag tttcaatatt tgtttagcatt 120
tactactggtt ttgcatcaat tttgtcttct gtgacccctt tataatgtgg attaattcaa 180
ttgagcaaat ctgttcggtt tatgctcagc ttctataagt cttttcattt acagatatat 240
tgtaatatgg ttattgagtt cttgggttaa aactagttaa tgttattgta tctacccttg 300
atttaaaact agttaaattt ataagatact ataattcaaa agggcagata gatccaaact 360
tgatacacat tttcacttga gagaatccna gtctgtgtgt aatcatcgcc ttccatttca 420
atgggattag gtgatgggtt tactcatggt atgactctat cata 464
  
```

<210> 952
 <211> 309
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 952

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tgagcttaat gaattaattg attgattgaa cctggagcct attcagttgt atcttctgct 60
accttatttt aagttgtagg agagcatcat ccacagaaga tggttcaagg aaaatttgct 120
ccaaatttgg gggagggtatt atcaacgtaa atntgttcca aatttgggga aggcactcgg 180
taacgattga aatgggtcaaa gaaaatagta tatacacact ggctctatta tctgtgttaa 240
aaaaaaacca ataaaaaact gtacgtataa ataaaagttaa taagtgtgta tgctataaat 300
tcaggcatg 309
  
```

<210> 953
 <211> 481
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 953

```

ggatccttaa gcactgggct gcagcttaag aaaaggccaa actctccttt caaaatttg 60
  
```

attttaggct taaatagggtg gctttgttcg tgcttgagcg cttagcgcaa ctctgaaccg 120
 cttagcacga attagtgaat ttcggcttaa cgcgtgcttt tctcgctcag cggatggact 180
 aaagcgggtgc gcttaacgag atgacccttt gctcagtga catgcacagc tcatccttct 240
 tctagattct tcctcgcgct cagcggatag ctcgctaagc cagtagattg gcttagcgag 300
 aaggtgaaaa tcagcacctc acaaaactttc ctaattaacc tgaaattgag agaaaatgat 360
 tattaacac acaaaatgga agtactaagt atttattacc tatctttaac aaaaagtaat 420
 tacaacactt acaaaataacc ataaattgga ggattntgtt acaattatgc cagtttatac 480
 a 481

<210> 954
 <211> 436
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 954

gggattccta gggcctaagt catatttggc actntattct agcttctaca aactgtccac 60
 acactcaaan atgcagtcac atatgtacaa attntttcca caagctaaat tccatataaa 120
 cacacgcaaa tgccattgag gcatgtcacc gaacacttga tgggtgcatg tttagacatg 180
 aaaaaaataa ggaacggngg gaatgtgaca tgccattca tctcagagtt cacaataggc 240
 ttgcggccat cccatacaac cccccaattc aaacaaacaa gcatgaatcc aaacattcat 300
 ttctcatga aatntgaaaa tacaagcaaa caaagcacta aaatacagca atggcaagcc 360
 aaagatcana ggagaatgac acttaattgt anggagtgga acaaaatgca taaaggagaa 420
 caaaaactca acaatg 436

<210> 955
 <211> 384
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 955

agcttgcttt ctctagcctc tnttgngett ttctacattt ccttagtgac aagtcacttg 60
 cctagaagtt tcttgtcttg acctggttgt tgtgtctttc tcatctgcca tgcacttcca 120

tgtttaattt cgagtgtctc ggtatattat ggcgcctaaat tggacatccg agtaaaaagt 180
 tatggccatt tgagtttgcc tagaactttt gtgttcaatt ntgagcatct tgatatatta 240
 ttggcctgaa tcggatatcc aagtcaaaag taatggccat ttgaattttc cttctgcttc 300
 catatataat tntgagcgtc tcgatatgct atgcacccga atcggatatt cgagtgaana 360
 gttatgacca tttgaatttc ttga 384

<210> 956
 <211> 437
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 956

ntgaacaata tacttgggtct tcattttaact gtctttgggc ttggcggcca cgctcaacan 60
 agtactttcg acacctaata tacgttgatt tcaccaatgt tgttatggga atgttgcgac 120
 aatcctttan aaccttattg atacattctg agaggttcgt tgtcatatgg ccatatcgac 180
 gtccttctct atcgtaagtc atcgctccatt ntccctttga gatgcgatca atccatgttg 240
 ttatggctgg actcagttca cgaaattntt ctaaattttg atcacaaatg tgcttgcatg 300
 gagtgtangc ctgcataaat aactatgaat aacactttta gtttaatgaa gcaaacatac 360
 gtgacatcaa tatgaatcta cccatttgct acattttttt tgttacttat tgaatttcac 420
 tgaagtcgct tgtatgt 437

<210> 957
 <211> 525
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 957

atttttatga tgcgtctctg tacacagcca tcctctatag tcgcactgcn tcantgcaag 60
 cttgaacaca cattgtgcgc gtgggtgata tccactacac aaggtttgaa gtagaagaga 120
 cttctaccc tatcacacaa cgtggaggac atacgggggc ccgctacatg aatggccatc 180
 attggcaatg ctgaagggat tctgcgcctc actatgcgag tgcacacaat aatgcagatt 240
 gtgcgtacgt gagcatgaac tactaccact atatagatgt gtggtacaca caagagcaca 300

tcttagaagc ttactccgca caatggtggc ctacttggaa tgaagcagac atatctcctt 360
 ttaatgacgc acggacactt atgcctgacc taactacgat tcacgcaaca tgtcagcgca 420
 gatcaatacg gataangact gatatggact ggatcatacc atntgatcgc cgacngacac 480
 gtaatacacg tggagcctaa ggggctacat gcatgctgcc tacga 525

<210> 958
 <211> 523
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 958

tctaattaac ctacatatga gagaagatga ttattaaaca ctcataatga agataactaag 60
 tattttattac ctatacttaa tagacaatac ttataagctt acaaaatagc catatatattga 120
 gagagtgtga tacaatttat acaagtgtta tacgtataag ttagatgttc tcaccgacta 180
 acatcctatc aaggatcatca aaattagacc agtttccatt cttgaatgac cctaacaaag 240
 catgcatgta cgtgatcaag gtaaaggcat actagaatga atagctgata gcacagagaa 300
 cacaccaaac atcattaaat agatagaatg atattttacat caagtaccta caaggaagat 360
 ccaacagagg attntagctt tccatatcca ggaagccttc tttacaacan agagaagaat 420
 aagatgacag agtgctgcta tacaagcggg gaggatgtct tcttcacctg taggatctca 480
 caaccactca agaactcatc tcagactcat agaaacgggt tcg 523

<210> 959
 <211> 304
 <212> DNA
 <213> Glycine max
 <400> 959

atcgggtgaga gtgtaacctt aaactgtgag tgaacgacta gctgtgagta ataatctttg 60
 catgaatctc tgaatttttag aatgaaatgt ataactgaga acatgatgaa ggccatgatt 120
 gtacatatac aagctctttt gaccaaacaa cttaccttga atgataattg catccttttg 180
 tccctttttg agctgaatga tggttgtaaaa aatttgaacc cttaaactaaa ataattatgt 240
 cttgatacct tgtttagatt ttaggagagc atatggttca aggcaaactt actctaaatt 300
 tggg 304

<210> 960
 <211> 344
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 960

tctggtggga catcttgact tgctntccaa tctgacattc accacanatt ctgccttctt 60
 ctattttcag aatgagaatg cctctaacia cacctttgtc aatgattttc ttcatgcctc 120
 ttaagtgcag atgtccaaat ctttgatgcc atattctgac ttcattcttct ttggaggata 180
 gacatgtgga ggagtaactg gtttcttgag gtgtccatag gtagcagttg tcctttgatc 240
 tgctgccctt cattagaact tcaactcttct catttgtcac caagcattct gactttgtga 300
 agtttacatt gaatccttca tcacacagct gactgatgct gatc 344

<210> 961
 <211> 385
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 961

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 taggagaaac ataaatagtt tactgattag aattatcact ctctctctct tgtgtatcac 120
 tccatctctc aagtgtatca ctcttccttt ttctattcct ctgtgatgcc tcaactattgg 180
 ccctctcttg gtctctcttt tctctccttc tgattcggac atcacacact tctctgaggg 240
 ataaagtttt atgaataatt ttctggatcat ggtgctggag agaaatcttg tttgagaacc 300
 catcatgcac tgctttggag tcctcctcaa tgatggccct cactagtgcc atctccatct 360
 ncttatcact aacaatcaaa ctttc 385

<210> 962
 <211> 247
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 962

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 gtcccacatt atttccatga cacatatgca aaaatgatga cttggatact ntatgccaaa 120
 ctggtcatgc atgcacctat gtggacactc atgtgtcaaa tttttatggg catgtgatgc 180
 tagggctcag gattcattct ctctatttta atcaacccaa tgtttccaaa atatgttctt 240
 ttatcca 247

<210> 963
 <211> 357
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 963

agctttaaag tttaaaaaat gtaatgtaac atttaataga gttcaaattc ataactaaca 60
 tggcataatc aaactaaaat aaataataac caagagtcaa taatcctttc acgtgtcatg 120
 aggacgataa acctgagcat cattaacatg gtcctcagtt ccatctgtta tggtagtgga 180
 tggactanga gctagcatga tagactgaat atgcaagtgt tgtagtatat gctgcatttg 240
 ctcatnttgt tgacaaattt gctcattntt tcttacatct gttgtcgcat ctcttgactn 300
 tgggtggcat gagtctccat tagttgcaac atcttttctt caagtgtctt ctcctta 357

<210> 964
 <211> 406
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 964

cgatgtacac taagcctcac atcttaggct aagcgcatat tgcagaaaga attttggtgt 60
 tgcagaaagc gctaagcacc gctgctgcac taagcccaaa atgcttattg gaagttacaa 120
 cttcaagttg ggcttagcgc gnggctaggc taagcaccag tgttttaaac tcaaatgtca 180
 tgttggcacg ctaagcgcac catacgaatt tcagtntttt aaaagtagag gcagaggcac 240
 ttgggttgct accttggcac ccaaacctct gcactctctc atctctgagc atatttctat 300
 ttctgctttg tgcttattga tcctctacat ctntcttcac actctgcatt acacaatcca 360
 agtaagtaac ttgatttctt ttcactttta ttttcatggt tcacag 406

<210> 965
 <211> 330
 <212> DNA
 <213> Glycine max

<400> 965

aaaaaaaatt aaaaattaaa accagggtaa gggagcttac ttggtggtga ccctttttca 60
 catttccttt ttcccaaatt tggaattact ctttttatgc cgaagccggt taccggaaag 120
 tggctcggat cggccaagta ataattaaaa cggaatgac cgagtgtcaa cacagggaac 180
 ttatttccttt ggcaaagctt tgttcaacaa tcatgcattt tggtgacaga aaataataat 240
 tgtgaattga agtaaaagta tgatatatcc taattgaaaa gcagtaaacg tgagcaaata 300
 agtgtgaaaa cagtgatcta aaagcattgg 330

<210> 966
 <211> 421
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 966

tgattntngt tctgattgca tgatgctagg atagttgata gttaanatag tgtaggaat 60
 tatattttca tacaatgtat gttgttctgg ttaggaattg atggcctaata tgtagaagca 120
 agcttcatga tgatgaacct agcaattttg acgatgccaa aagaccaagt gattgattca 180
 agacttcaag atcaagcatc aagaatctaa tccaagattc aagattcaag agaagaaatc 240
 aagaagcaat aagtcaagac ttcatatagg ataagtatta aaagaatttt tcaaaaacaa 300
 aatagcacag ttttgggtata caaaagaatt ntctcaaatt ntttaagtta ccagagtgat 360
 tactctctgg taatcgatta cctgttatca gtaatcgatt accagttgtc atacccaat 420
 t 421

<210> 967
 <211> 488
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 967

atccttaagt caccgcggct gcagcttata aactgttttt aaaactacct catattttag 60
 tttttagaag taaaaaacia aaacagcttt aagatgttnt gcttttcagt ttttgttttt 120
 ctttaaaatc tacaaaatac aagaataaac agagaattta cagttttcat taatggaatt 180
 tatttaaata tcttctcttt atcatttctg aaacttttgt aagcattntt ttgggatatg 240
 attatttcaa ttggccatga tggtatgttg gtgccttgct aattatgtta atgggtgggt 300
 taatggccta ttaatatgag aaatatagct tgagtgggtg acactcactc agctgaagct 360
 tcttatatta tcacacaaaa gcccaaccagt acatatgtat atagagaggt gcagactaag 420
 caccttatca aacggctaca gcagagaana agacatgaaa ggactgacta ttacaatnta 480
 caagaata 488

<210> 968
 <211> 355
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 968

ttgaattgct ttntggcctt ctgngtctc cctgcctcca attaagactc gatccgggtt 60
 gaaaagatct tggattgcag ttccctcagc aaggaattca cggtttgaaa ggatttgaa 120
 cttgattccc tttccattgt gagtcaaaat cttctctatg gcctcagcag ttttcacagg 180
 gacagtggat ttctccacca caatcttgct actcttnag acatcagcaa tcatgcgtgc 240
 tgcactcttc cagtaagtca aatctgcaac cttgtcggct tcaagaccac gagttnttgn 300
 cggcgtgtng acggagacga acactatgtc agcctcatag acatgtttct caaca 355

<210> 969
 <211> 483
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 969

cggggattga tgcacttgca ctgagatcc tctgagtcac ctgaagctgc acgctctctc 60
 aactactgga cacatgggtc acagatgaaa gcaagaagaa tgactacaag atgatttatg 120
 ttgtaaaaaa tgtaaggatc accaagtatt tgaacttgta atggttctct cggttaagctt 180

caactttccc aatctactcg aagcacaaga ttgtcaaagt tgggtggaaat gaaaggagcc 240
 ttatcatccac agctagtcaa gggtttctac agctatgcac ttgttgaccc ttgaagtaac 300
 ctctcttcta aataaatgga gtaaaatagt cttgatctat tgatggaaga agtactggct 360
 ggatatgggg gagtcacaat tctataaacg atgatgggac aacagatgag actatganga 420
 tgttctgacc tttagaactg aaaatcctaa agtgtggctg ttgagagcaa atgtgttatt 480
 ctt 483

<210> 970
 <211> 376
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 970

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 ctaacttaaa ctgagtttca tctgcagatc cctcttgtac caatgccaaa tagtactcta 120
 acaggagatt ctttggtgga agtagtggat tataccatca agacaagaga gcagataaca 180
 aagttaatta cttcaccaca acttgcttcg cgcccaggaa agaatgaaac attatgctga 240
 cctcaaacga gtggacaagg agttcaaatg tggagaccta gtctatttaa taattcactc 300
 atacaagcag cttacttttg canactatgc tttccacaca tagcagccac tagcgggtcta 360
 tgtaaagaaa catcat 376

<210> 971
 <211> 338
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 971

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 ctgacatga attgaaagtc tcagattcga aaacttacct gttgaataat gaagaacgaa 120
 tgaagaatga atgaagaacg acggaacc atcatggatt tgctcacgat aacgtctcgg 180
 aagcattaca gaagcacctc ggcttggatt ttcttcacgg aaacaatttt ttttcaccag 240
 aacagctgaa atgcatagcc aggggatccg ggatccttgg aacaaccccc tttttctctc 300

tttataagaa aaggcgagag gatgttgctg cccagctc 338

<210> 972
<211> 393
<212> DNA
<213> Glycine max

<400> 972

aagatctaac agattcaacc taatgttcat gagaatgatt gttgcagata atattaagat 60
aactctccct aagactgata atgctaaaaa gtttatgggg ttagtgggag agcgctctca 120
aatagcttat aagtctcttg ctgggacatt agtgagtaca ttgaccatca tgaagtttga 180
tggttcacgt actatgcatg tacatgtcac ttagatgaca aacattgcaa taagatttaa 240
gacctcggga atggttgtga ataagaactt ccttgttcag tttattttga actcattacc 300
atttgtgtat gacctgttcc aaatgagcta taataccatg aaagataaac ggaatatgca 360
tgaattgcat agtatgttag ttcaagaaga aac 393

<210> 973
<211> 277
<212> DNA
<213> Glycine max

<400> 973

aggattgatg gcgaccacgt attgagagat acgaggatat gggctgcgtg ggagtacgtg 60
agctcagttg gcggtgggca acaggggatg gtgggtttat gcgcgcattg tggatgagga 120
aaacttgttg tgcaccatcg accgaccgcc acctagtacc acatgtgatg ggtaccccat 180
aatcctacaa gcttgagatg aggaagtgtg gaagggtgaa acttccttgc ttagttgtg 240
accacagagt ggtacctgga gatatgtcgc ggggggc 277

<210> 974
<211> 457
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 974

agcttctaga gagttctaca ctactctaatt attctccttt ctacactntn ttaaaaagtt 60
ataaaatttt ttagaacctc tccaatcaag aaggaatccc aacacattcc ttaatgcgga 120

tatcttcatt tcaagaagaa ttaagtgatg aaaatataag gttggcctga tgataaaggg 180
tgaaggaaga gagggatagg aatcttccgg ttaacaaaaa ctaataaatt aacaactaac 240
atttaccgat aaaaaaaaaa aagatagaat taagtgatta gttttatctc cttttcacat 300
tataggttct tcaatgtttc ttcacaattt ctaaaacatt gtctgtagac tgctccaagc 360
ccagttcctt ctcaaacagc cccagagaaa tgacattgat gtgtctaata taagttctct 420
cttagtctta aaatttcaaa tgtagtgttt actatac 457

<210> 975
<211> 577
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 975

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tagtcggcag acttatctga atcttttgaa gatgagagaa cagccaatt aanaagagaa 120
agggagaaac ttcaagaaca tggctttcac tcttcacgtc caagagaaga atccccacaa 180
atatcacaaa caactcttcc acggatttca ccaatccaag cactcacgtt caaagcaaatt 240
aacaagagca acagaatcaa acccatcatt gtcttttggt tttccatggg tgagattgaa 300
aaaaaaacaa caaanaatgg tatctttcac aagcactatg tctttggatt ctatgagtag 360
ttttcttata accataatgc tcctaaagga tgtttatggc tcatagtgca tggattnttt 420
caccgacatg atatcttata ttatgtgtaa gactatctga actntatggt aagatcactt 480
ggattctcaa ttttaatgga tggttntagc taataaaaga atcttatatt gtacgcctac 540
aaataaaaaga acaaatcgtn taactttaca ttcttttn 577

<210> 976
<211> 460
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 976

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atggcatgcc aagatatcac taatatgttt aatgtccacg gttgtttctg ttaagtttgg 120

gctacgtgag ttgactctga taccattatc attatcatga tgtactgttc atggacccaa 180
ctatatatta tattattaat tactaaaata agaggttagtt ttaaaacact acaacttttc 240
tactataaat gtattggtga aatcattcat tgaaatgata atgctactta catatatata 300
ttatttataa atgtatatta taactntacc acttctctaa aaaaacaaaa aaaaaaactt 360
ttccatttta cataaatatg taatatggtg ttaattgata tgtatcaagc atttattttc 420
actaacccaa gtctgcagga attctatgta ctttgtcatt 460

<210> 977
<211> 307
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 977

tgcataaatg agaggaaact tgagtaagtt ntatttataa atatatatta cagatgatca 60
tcttttaatt tcgaaaaatt atattcactt ttattctgca ataaatgttt agttattttc 120
tggtgaatta gaatttaatg ctgatttttc aattaatcat ttctaaacta atatcatggc 180
ttgtggacat tggaatctat tacattagtt tccccacgct aaaaaaaaaa tagtgatggt 240
caacaattgc ggcgttatcc catgtgcatg gagatcaata caccgacaaa atagtgaatg 300
cacccat 307

<210> 978
<211> 260
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 978

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ttaagtgaat aaccatgata tcaccatata ctttaaggat tttggagctt tggaattggt 120
ttgggaataa gtgtgggggg tttttgtttc attggacaac ttgttttggt ggctatgctt 180
catgatgtat tctgggcat acttgatgta cattgtatat tgggttaaat ttggacatgc 240
tgaatgaaat gttgtttctc 260

<210> 979
 <211> 401
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 979

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 gcttgcttaa ggtccaaaag gaacttgact cagcgtttgt gcgagacaga gatcaacatg 120
 ttggctatca tcaccaagta tcaataagaa ctaagtctag ccacagccca cgagcatagg 180
 gtggcaaacy agtatgcccc agtgtacgcg gaanaggagg ctagaggaag ggtgatcgac 240
 tcgttacacc aagaggcaac catgtggatg gaccaatttg ctcttacctt anacgggagt 300
 caagaacttc cccgattgct agccaaggcc aaagcaatgg tggacaccta ctccgccnc 360
 gagggagatc acagacttct cgactattgt cagcatatga t 401

<210> 980
 <211> 363
 <212> DNA
 <213> Glycine max

<400> 980

gcagctaact accatgcact acggatatac tctaaggaac gcaaaaagta acaacaaaga 60
 ccacattaag aactacatat gcagcgacct caacgcaaaa gtattacctt cactcctcgc 120
 aaccaaaggy aacaacacac caaaggaaaa atggaaaaca aagggaactt atccaaaaac 180
 aaagcatgaa agtcagcaaa caacaaaaaa ggacgcgaaa agatagaaca agaaggaaaa 240
 atttagtaaa gaatcataga acgtgaagta aacaacaaaa caataacaaa ccgggtagaa 300
 aaacagctac agccgcgcca aacacagaca tgcacaacag acgtaaaaaa cttacacctt 360
 gaa 363

<210> 981
 <211> 366
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 981

cgctcgtgga gcttctatgg aggctggatc tttgagcttc aatgaagtcc tttaatggtg 60

attntccact atggagatgc agcgaaagac aaaggagaag aggtgagagg aggcgccatc 120
 cactgtggaa taagccatga aagaaagagt ttcacccatca agatgagcct tggataagaa 180
 gcttgggaagg atgcttcaat ggaggaaaag acagagggag agaaagagat aggggggagca 240
 agaaatcgaa ggaataaaaag agggagaata gtggaacttt gaagtatatc tcacaagact 300
 ctcatcctac anagttacaa caagtgttac gcatgcttct atntatagac taagtagctt 360
 ccttga 366

<210> 982
 <211> 514
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 982

tgcnttattg ctctatctac tcccngatc cttgagtcac ctgcggcatg cagctntcng 60
 gtgcggtcta ggacacaatg tcaattcata cgatatgcga ggatgactcc ccgagcaagt 120
 tggatttggg atgaccatgc cctcctggtt tctgactang aaattggcga gtggaggagc 180
 gccacacat ttacgcgaca agcataatgt aaccctttgt ggctnttaaa ctctacggng 240
 gggcctangc tntagagatt ccttttggtt tggcattatg tcttttggtc ttgaatttat 300
 aaatataaag atctttcttc atctgttctt gcacctctac ccattctcat tcatttgcac 360
 gtntatttct ntacgcttaa nacactagat ccaacaacga gtcctctnaa ggtactaata 420
 cctgngaccc tgncatcgat tcatgcaaga agcgggcaca cagagagtga gaggacgatg 480
 atgtgtactt tcccacagtn gagaaatagt actn 514

<210> 983
 <211> 369
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 983

gcatttggac acctattatg tatctcctat gctgtaccta catacgtatc agcagggcca 60
 ccattctcaat atttacgaga tcatattcat acaccattgg ggcatttcac caagcacttg 120
 gtgagcgcat gtttggacat gaattgcaag agaatgggag caatgtggca tgccccattg 180

cttcaaaata caacctatgc ctaagacctt ttcattcaga ttctcaattc aagataacaa 240
gcgctaagc taaccataac tgcctcacia atataatgca tgttctcaca atttagggca 300
ccaaaagatg aagaaaacac atcantggga agcatatata tcaaagatcg aatacttact 360
tgttggagt 369

<210> 984
<211> 419
<212> DNA
<213> Glycine max

<400> 984

agcttcgctg atttagtttt caccgacgaa atgatcgaag tgggtctaaa aagaggcaaa 60
tctgatcatc atgctttgat aaatgcaaaa aaaattgggg caagtgaaga gggtgagaat 120
gaaggagaaa cccatgttgt gactgccatt cctatacagc caagtttccc accaacccaa 180
caatgtcatt actcagccaa taacaaactt tctctttacc caccaccag ttatccacaa 240
aggccatccc taaatcaacc acaaagcctg tctatcacac ttctaataac gaacaccacc 300
tttagcacga accaaaacac caacaaaaaa ggaattttgc agcaaaaagc ctgtaggatt 360
caccctaaat tccggtgtca tatgctaaac ttactctcaa atctactcaa taattcaat 419

<210> 985
<211> 423
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 985

nggatggcaa tagaattaac caattattag tttggccata ggaagttcga ttgccttatt 60
ntatttcgat tntgatttca ttatgtttct ttaattntgt ttcttacgta aacaaagcaa 120
ctgccaaatg catttccttg gaacaaattt atttgaatat gtctttgggt ttgttaaattc 180
aattnttaac tnttagtaga cttacacaaa tatgttatgt tatccaatgg gcatatgtaa 240
cgggtctaaa gattagacaa cgtatattct tcattaagaa aaaggaaaag gcgattataa 300
ttntgactta agaagttggt ntgattctgt ttactgattc anaagttggc tgattgtttn 360
ttagtnttct actggatttt attatccttg aggacttggt gtgtcctcac atagtgtatt 420

ttc

423

<210> 986
<211> 311
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 986

tctgttggtc aatttcgagc gtctggatat attatgttcc atattcanac atccgagtga 60
aaagttatga ccattagaat ttctcgagag ctccggttgt tcaatttcaa gagtctagat 120
gagttatgta cgcgaatcga acatctgtgt gaaaagttat gaccattcaa atatcttgag 180
tgcttccgtt gtgcaatttc gagcatcttg atatattatg tcccacattt ggacattcgt 240
gtgaaaaggt atgaccattc gaatttctcg agagcttcca ttgtttaatt tcgagagtct 300
agatgagtta t 311

<210> 987
<211> 575
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 987

attgcacgca tctattangc gcactatagc aataactcaag ctcttccgga gcccatgaat 60
cngcggttctg ttcatgtgtc tccaccttcc gagttggagc tatgcgtagg gattgcttag 120
tgcaattctc cattctcaac ctttntcgga gcccacatgaa ttgcggtttc gttcatgtgt 180
cctccaccct cgagttcgga gctatgcgta gtgattgctt agtgcaattc tccattctca 240
aacttttttg gagcccatg aattatgttt tcgttcatgt gtccctccacc ttcgagtttg 300
gagctatgcg tagtgattga ttagngcaat tctccattct caacctttta cggagcccat 360
gaattgcgtt ttcggtcatt gtgtcctcac ctctcgagttt ggagccatgc gtagagattg 420
cttagtgcaa ttcttcattc tcaacctttt ttcggagccc atgaattgcg ttnntcgtca 480
tgcgttctcc acctctcgag ttggagctat gcgtagtgat tgcttagtgc aattctccat 540
tctcacacct tttcagagcc catggattat gtttg 575

<210> 988

<211> 415
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 988

gtatatgaca tgtcccactt gtactttntt tttttatcta atttgcaccc cacaaaatta 60
 gaatctctgg atcttgattc atccactgat ttacctttct catttaagtc aaggtagggt 120
 gatgtagcca taagaatgga cgcttctttg cattnttcca taccaaattt ttttattagt 180
 tctatgcagt atttattttg accgaggaag gttccatggt tcatttttctt gacttggagt 240
 cctagaaaga aatttaattc tcccatcata gatgtctcaa attctttttt gcatacaaca 300
 tgaaaatccc ttgcataagg ttccattagt atagccaaat ataatatcat caacatatat 360
 ntgaacaatt aacaaatcat tgtttacttt cataatntaa caaagtttgt caact 415

<210> 989
 <211> 260
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 989

cgatgataaa gactccccaa gctatntatc ttctctctca gagaggctnt gtctcactct 60
 aagaagtgga tcaactttat cttggatgga taggaatgaa agctcctaca cttatttata 120
 ctactccatc tncacaataa atgggtggaga ttacttgtct cataatgtga agattaattc 180
 tctataatgc ttcacacatt ctaagagttt ctacactctt ccatattctt tcataagggt 240
 ccagaaagtt ttacacatct 260

<210> 990
 <211> 181
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 990

tactttgtca ggtacatggt cacttgcaat ttcattcctt agctccttgt cccttgtcaa 60
 gatcttccaa gatactatta taacttcttt aggaatctct tctgaagcct atccttcaag 120
 ggtagcagcc ttcttttttg cttcttcttc tgctntcttc ttcattggtct tttatgctct 180

t

181

<210> 991
 <211> 585
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 991

agggtacaca gcacaaaagg acngctgcgt aangctacct atcattactc aagctcgaat 60
 gaggaagtgt agaacggtga aacttcctgc tnttattctt tgaccacaga gtggtacctg 120
 gagatatgtc ggggttatag tcagtcagtg agaacctgtg atgtacctaa gcaggcgagc 180
 tcctggcagt caacagataa aaggaacaaa gatcacaaag caaggaggct tgtgtggttg 240
 ctggccagtt gtgaaacttg attgatatat gggatgtggc ctctggtaat cgattaccaa 300
 ggggtgggtaa tcgattacaa ggcttanaaa gtgaagacag gaagctaaga tggcctctgg 360
 taatcgatta ccaaggggtg taatcgatta tcangcttga aaatgggatt aggaagctaa 420
 gagggcttct ggtaatcgat taccaagggg tgtaatcgat taccangctt anaaatgaan 480
 gcagcatgtg gtggaggcct ctggtaatcg attaccaggc tgtgtaatcg attacacagg 540
 ggaacatgcc actggtaatc gttaccaggc atgtgtaatc gatan 585

<210> 992
 <211> 320
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 992

atcctctgag tcacctgcng ctgcagctta catggagcta cgtcattgac ggtttctcat 60
 attccttgct acgttaataa gcatacctct gtatgtctcc atcttgatgt agccttncat 120
 tgattcctca aacttgaga ctccccata tttagtcctg caacttgctt tcaaactgca 180
 acatcaatga tcatctctac atcattaaca gtagagtata aattgccttc catatcaaca 240
 cgggcacatg tgtagaaaac ctttaccac tcaaggtaga agattnttat cttctacacc 300
 aatcttaaca aaccatatgc 320

<210> 993
 <211> 126
 <212> DNA
 <213> Glycine max

<400> 993

tatatcatcc agttccagtc atggtatata gtataaaaat ttaaacaatca acacaacatg 60
 caatgaagcc tagcttccaa agacaacaag gttaggggttc aacaagtgga aagaccccc 120
 cccct 126

<210> 994
 <211> 248
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 994

attcccttag caatccccca aattaagaac ttatcataac ttgaaaccct tatactctct 60
 tagaaccta aaacaagatc aagggttatca aaattagggt caggggttta ttcaaacaaa 120
 tcattattac ttttggtcga ataggggtgc aagggataaa ttcattcacag gttggctntt 180
 tggctgagtg gctaanataa aaagaaacna tggttgatc atatccacct tatgcaaata 240
 atcaaata 248

<210> 995
 <211> 305
 <212> DNA
 <213> Glycine max

<400> 995

tatagatact cagcctcatt ggagcttgag gcctaggatc ttcttatcaa tggattctct 60
 tgcttcttgg aagatgaatg gaagcggaat ggagaaaggg agagagagag gagacgccac 120
 ttcaaagaga agatgagtct agaagaagct caccaccata ggaggccatg gataagagct 180
 tggaggaaga aggagatgaa tgaagggaga gggagagaag agcacgaaca tttgtgctct 240
 acatgagctt tgagatctga agtttaatat tcaaatgatc aaagttgaaa aaaatgcaca 300
 cacat 305

<210> 996

<211> 362
 <212> DNA
 <213> Glycine max

<400> 996

gcttgttggc cgcgattgac aaaggggtgca tatatacgac gttagtctct gcatgctatc 60
 atgcgttgac tgtagcgat agcaaaagaa tgtttatact aataaccact tgggtatttc 120
 tgccggcccc ctaacttcac gacttagtac cgacagagtt tgtaagcgtg gaagacgacg 180
 taaatctccg catgtgaacg agcttgttgg ccgcgattga caaaggggtgc agaagacgac 240
 atttgttttt tcatggatc atgcattgag tcttagagat agcaaaagaa tgtttatagg 300
 gataaccact tgggtatttc cgccgacccc caacatcacg agtttgtatt ggagagggtt 360
 tt 362

<210> 997
 <211> 416
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 997

nttaggacct tatgtttagt tnnttggctt ctaaattcttt tgacttgtaa acaaaaagtt 60
 tctttgtaat atttcaatgc ttaagtgaag tgttcagatt atgatgttta caattacttc 120
 aacaagtcct tcgataataa attgttcttt ctttttgcac aagcataatc atgcatcatt 180
 ctgcattcat agtttccgca tcaagtctca cactgtgttc accacttcaa aaggataatc 240
 agccgcccgtc cgaagaaagt ggcccagca attctccgca naccaactcg cattttcaga 300
 aatggatcta attgagcaag aaaatcagag tctcaaggag gaggttgcca cntnacgaga 360
 aggaatggat aggttgacga ccatgatgaa tgactcctg tccgcccaga attctc 416

<210> 998
 <211> 435
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 998

agcttgaggc acttgccctt taacctagtg tctccaaagt ggccttacc aagtatcttg 60

ttttccattg atgtgccatc attttcttct attttctaaa ccctttttgc accattttta 120
 ttattgattg gtcttaattg tcaattaatt aggcagtttt attatttggg cccattcagc 180
 caatttgatg tttttaatct aatttcagga attaataag aattgggctt gaatctagca 240
 ttgggcttga atctagaatt gggcttggac ttgaagaggg caaactaatt tattctataa 300
 aattagatct tatcttatct agatattatt tagatttgat ctcatctaga tatcatttca 360
 attagatctt atcttatctt atcttatcta gatntgattt gattntactt atgggcttgg 420
 atttaaaaca tatTTT 435

<210> 999
 <211> 243
 <212> DNA
 <213> Glycine max

<400> 999

tgacactact tatcttacc tacttctacc accaaaatta agtataacct atagaatttt 60
 actcctgaat taattaatta aacgaatgtg tatagaactt tctattttct tttcataagt 120
 aaacattcct cgcttagacg cttcgctatc ttcatagcgc tccaatcata ttaatagtta 180
 ttccacccca ttctgtgata tacaacctga aaagctctga atatgcttga tacggaatta 240
 gtt 243

<210> 1000
 <211> 257
 <212> DNA
 <213> Glycine max

<400> 1000

taatttatct caccctcatt tgtcacaaga tagtgacatg gagttgatgg tcaatatttg 60
 tcacaacaaa gtatgtttat ctcaacctaa tttgttgcag cactccattt ctatatatta 120
 caattattca tgttcggcat tagcatgtac gtccctgcaa ctattgttcc acccatagca 180
 aggaataagc taaccataac atgagcccaa caaaggaaga atgctgatat agatgatgca 240
 gtataaagaa aactgaa 257

<210> 1001
 <211> 522
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1001

ntanatant cagatgaagt cattcaatta ttgttacttc atatgtagca gctgggagga 60
gatttatatg tttgtcaaatt gttgttgaca atgtagaaac attgttaggc atgacaaccg 120
gatcgggttc tgcttatact atctcagtc cagattcctc atttccttct ctaccctgt 180
ccccgaaatt caatgggagt gcatatttat gtccatccca gtctccagt gggttgagtt 240
tttcccgctc cgtcctgccc ccgacatatt tataaaattn tattaaaaaa tctaattntt 300
cataaaatga agaatataga tttaaataaa aatcacaata ttgtacatga caacatanaa 360
tccaattcaa cattagcata naattcaata taataatttc atgggttaat gtgttatata 420
tatatatata tatataatga tatntttgta caataattat tagcgtggag gaattggagg 480
cgggtattaa taatctcatc cctgaccccg aacctgattt tg 522

<210> 1002

<211> 267

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1002

ctcgcctgan aattcatttc ttgggtgttg ctcttggttt gtgctaaagg tgggtgttcgt 60
cattggaagt gcggtacaca gactttgttg ctgacttaag gattgccttt gtggataact 120
gggcggtggg taaggagaac gtttgttatt ggctgaatca tgacatcgtt cggttgggtg 180
gaaacttggc tgtctatgaa tggcagacac agcatgggct tcattctcat cctcaccctc 240
ttcatttgcc ccagttttct cattcgt 267

<210> 1003

<211> 360

<212> DNA

<213> Glycine max

<400> 1003

tattccgagg acagttcatt atcatgcaca gcctgcaaga gttggctcac aatagccaa 60
tcatatctat ggagcatttt ctagagccag tagcctcgcc tgaagctcaa ctccattgg 120

tgaaacaaaa cgagggttgct ccgcctgagc tcacacctga gtaggtcaat tcagagccag 180
 ctaaccacaca atctccagtg gcgaatccac cttcttcgct tgagcttgaa gcaagtcccc 240
 catctcctcc tctgaatgtc atttctgacg catcattaga tgaagcattt gctccttctg 300
 atttaccagc tgcagatata gctgaccacc ttgtttcccc aatcggagga catgctgatc 360

<210> 1004
 <211> 237
 <212> DNA
 <213> Glycine max

<400> 1004

agcttgcttg agaagcttct atgtaagctg gatctttgag cttcaataaa ttccttcaat 60
 tgtgattttc agccatggag ttgcagtga agataaagga aaagagatga gaggagacgc 120
 catccactag agaataagac atggaaagag aagcttcacc accaagagag tgtcttggat 180
 aagaagctta gagaggaagc ttcaatagag gaagagaatg agagagaggg agggggg 237

<210> 1005
 <211> 243
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1005

cttganatcg aanactaact ggttgaagat ngacgaacaa tgaatatcga tataagaatg 60
 gtgaagaaca ctagtataat tcatcacgaa aacgtcacga aagcatctcg gcttggatta 120
 ttttcttctt tcttcttctc ctactaatt gtaagtgaat tttgagtgcc aaaggtgttg 180
 aacccttttt cctcagcccc ccatgccatt ttattgaaaa aattgagggg gggggggggg 240
 ctc 243

<210> 1006
 <211> 315
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1006

gcttctcca caagcaacag ccttctggag gaatcttctg gaaggcccaa gtgggcctgg 60

ttgctatttg cccccccatt tttactaaat acaccccctt ctatTTTTTTT ggtgattctt 120
 tttccgtaat gttacgaaac tttacgaatt tcgtaacgat acttattttt tcttccgcaa 180
 ggttacgaac ccttacgaat tatgtattta ctctntttta gctttcgaag aagttacgga 240
 aacttaccga ttgcgcctaaa acacctcttt tcgacttccg tcacattatg gaatttcacg 300
 gatcgcgcaa gcctg 315

<210> 1007
 <211> 446
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1007

tattatgggc taagctgggt acacgaacat ntattcccat catatataat aaataaaaaac 60
 aaaaattgag ctccaccaa aacaatagtt tgaaaatcaa cttcactaat gttggagaag 120
 tcagagaaag ttgctagaca aaaaatatct ttgtcatata gctggaatga tcatccgtga 180
 gagaaaattc atggcaagca tagcaagggt cattcttctt gaaaccacaa ttggaagctt 240
 caaactaata atcttggaga ccatattatt taagcttcaa attaatgcat cttgaactta 300
 gtcacgacta gtacactaga gacacgataa agtcaccaga naacacgcaa aagtacttaa 360
 taaanactta taagttaatg gttagattaa taacatttag tttaacatgg ttttaggttg 420
 tcaaattggt ccgtcaaaaa agtttc 446

<210> 1008
 <211> 497
 <212> DNA
 <213> Glycine max

<400> 1008

cgcatgatac atctgacccg cgatctctga gtcaacttgc agctgcgag cctggtggcc 60
 catgaaggat ggcttgccgt tatattgcat gaaaaagccc ttcgattata tggatatatg 120
 tgaatgggta gcataaaatg gcttgcgaaa tggatgaataa aatggcttgg caaatatgaa 180
 tatatattgc ctggaaatgg cttggattat atgaatatat attgtatgaa gtggcttacc 240
 aaggggtgga tggatagccg aaaagtgggt ttcaaaatat gtggatttgt gaagaggag 300
 caaaagaagc cttccaaaaa aatgtgtgat atatatagga tgtaacgtga aagggttgca 360

aaaaatatga catggatgtg tgtcgaaagt gctttcacaa attttatgtg tgcaatgata 420
 tgtgtataaa atacatggcc caaatgtgat ttataagtgc tgtgacactc gccccatgag 480
 tgtgtttgct cttgttg 497

<210> 1009
 <211> 441
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1009

tattaagaag cttcctccag aagcttcctc atggcttctn tgagaagctn tctcaacaag 60
 cttctttgag aagctagatc cttatctatc cacaccctc tattaactaa attaacttcc 120
 ttaaaaataa ttacggatga aaataatgca acaaataatc aaacatcaaa cataattact 180
 aataatatat atatcagggt gttacacatg gtatacttga gaccgtatag taagcataaa 240
 attgagtata ccaagaacaa tgccttttta ttgactacaa ccaaagctat aagggtcgcc 300
 aatgataggc actaagttgt aagatcaata tttctataca tgttgaattt caagagttgt 360
 agttcctttc taaactanga acaaaanana aaggataaaa aacatgccac ccctctaaaa 420
 tatcacacaa ctntntttta a 441

<210> 1010
 <211> 444
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1010

agcttctagc caaatattag tctctcaaag agtcgtcttt tcatggagga ttatctgttt 60
 cttagtctc atcaattcga ggtgtccttg gttttatgga gactcatttc tatttaacta 120
 tcttggagtg ccaatctttc ctggaaaatc gagcaaaata tatctccaaa gtgtgttttg 180
 atgagaaaat tttaaattct gagaaatttt aaattctaag aatttcaaatt acttcaattg 240
 aaattctttt attttttaaaa ttgtgttttg ataaaaaaa ataaaaattg tgagggtgaa 300
 agaaaatgaa tgcaaaggga agagaagata tgattggtgt gtttttaaaag agaagaatat 360
 tgacacggca tggagagtca caganaact gggacacgac gacatacacc accatacccg 420

accacaacat tcagtcaatg acac

444

<210> 1011

<211> 470

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1011

tactcaagct tcaacaacga gggtcagtga atgattacct cactgagtct gaacgttttag 60

cgaatcggat tgttggctctg tctcccacgg tgctcctaag ctgttttatt tcgggccttt 120

accagacct cgcgcgtgaa gtccgggctc tgcaacctat gtccatatca caagtcgtgg 180

cgcttgccaa gttgtaggaa gaaaagattc aggaccgcca tcgccatttc cgcacatcct 240

atacccttc tgggtccgcca ctgtcaccgc caccacccac cgcgggttct tccatcgctc 300

tcaccccggt acgcccttca gttaagcgcc tttcagcaga agaacttggt gtctgtcgtg 360

acaaggggtt atgttatcat tgtgacgaga agtggattct cgacaacggt gccgtcctcg 420

cctccactta cttattgcan acgatgatga tgatgactgc acaaatccat 470

<210> 1012

<211> 417

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1012

ttggcttatt ccctagtgga tgggtgcctcc cctctctctt tctcctttgc cttgcgctgc 60

atctccatgg tgtaaaatca ccattgaagg acctcattga agctcaaaga tccagcctcc 120

atagaagctc cacaaccaag cttccatcag gacgaagttt ggattgattc aatctaacta 180

gggattgagg tttagtaatt taagctatag catagaacac aaaagcatga tngattagag 240

aaacatcttt atatacatca gttgggttgg tagaaagact caacatcttt acctactggc 300

tgcaatctta cttactttgc attttactgg ttttagccta gatntagtnt aattctattc 360

taaatcatcc attatcaatg gttctctcac aatgacttat tctgaattaa ccctatc 417

<210> 1013

<211> 391

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1013

tctcaaggga agtttcttaa gaaagcttct caaggaagct acctagtcta taaatagaag 60
catgtgtaac acttggtgta actntgatga atgagagtct tgtgagacac aactcanagt 120
tcaacttctc tccctttgtc ttccttcaat ttcgtgctcc cccctctcta tttctctccc 180
tctttctttt cctccattga agcatcctct ccaagcttct tatccaaggc tcatcttggt 240
gggtaagctc cttcttccat ggcttattcc ctagtggatg gcgcctgtct ttacctcttc 300
tcctttgtct tccgcttcat ctccatgggg gaaaatcacc attaaaggac ctcatgaag 360
ctcatagatc cagcctccat agaagctcca c 391

<210> 1014
<211> 332
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1014

ngaccaatcn cgaccaacc caggcatagt cggtcagtga gaactctgtg atgtacctaa 60
acaggcgagc tcctggcagt caacagatca aaggaacaaa gaccacaaag caaggaggct 120
tgtgggtggc ggccagctgt gaaacttgat tgatatgtga gatatggtct ctggtaatcg 180
attaccaagg gtgggttatt gattacaagg ttaataatg aaggaggcta acatggtctc 240
tggtaatcga ttaccacggg gtgtaatcga ttaccaggct cgaaaacgag gtcatgaagc 300
catgagggct tctggtaatc gattaccagg ct 332

<210> 1015
<211> 348
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1015

gcttctatgg agctggatct ttgagcttaa taaggcctt caatggatgat tntcagccat 60
ggagttgcag cggaagataa aggagaaaag gtgagaggag gcgccatcca ctagagaata 120

agccatggaa ggagaagctt caccaccaag agagtgcctt agataagaag cttagagagg 180
aagcttcaat ggaggaagag aatgagagag ggagagagag agaatggtgt ggaaattgaa 240
ggagaatagg gagataagtt gaactttaaa gtgtgtctca caagtttctc attcatcaaa 300
agtatgacaa gtgttacaca tgtttctatt tatggcctag cacatggg 348

<210> 1016
<211> 375
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1016

cgaagaagtt ntttctttta catgcccaac tctctcgagt gacattngca ttgattggtg 60
tattttatgt tgcattcttag tctctatcat atcctatgtg catcatgcat catcatgtgt 120
gagtaaggag aaaatttcta atgttataaa atttcttcag aaggcaaaac tttttggttt 180
aatccattac aaccttacag taatcaatta cacaaagttg ttttaagcttg catagctatg 240
tcttgtatcg atttaattaa ttacagcctt atcctaatacg attacaccaa ttgttttaag 300
acaatgggtt atttatntaa tagtctatgc tttaatcaat taccatgtga tataaatcaa 360
tacttctctt tctat 375

<210> 1017
<211> 400
<212> DNA
<213> Glycine max
<400> 1017

agctataacc tcatcgctccc tcacagtctt tattattggg agccaatcca atccttgtgt 60
tcggactctc agccacttat gatagccgcc gatgatccca ttactgcttc ccctaagctc 120
tctgtccttt cttcacgccg catcccatgc cttgcgaact ccttgagta ccctcgctt 180
gtggtcacta aaaccccggtg cgatgaaagg cgtgatgctt tcgtctaata ggcgtcctct 240
catggggttag ccaagctgtc ttatgggtgag aacgggatta taattaatac aaccccttgt 300
tcccatcaag ggaacatttg gacatccttc gcatgaagat agaatcctga ttcttccttc 360
cttctagcga gggaaccaat taacagacgc ccccccacgc 400

<210> 1018
 <211> 267
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1018

tattacaagc ctttaagtgga aaaccatgat ttcacnctac ccttaaggaa ttntggagct 60
 cttgaaaatg tttgggaata agtgggagag ggggtatggt tcattgggtg atattgtttt 120
 cgtggccatg cttgatgatg attttggcca tgcttgatgt atatacatat aatgcctata 180
 tgggtgcttta tattttaaat gctttgcaat gctactgggc acgttcaata aaaaattaaa 240
 tagaagaaga atgatgttga ataaatg 267

<210> 1019
 <211> 389
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1019

gcttgcgagt ctcccttggc atttccttga catatgttct ccttatgtct aaggtctcaa 60
 gggtatgaag tttgccaata aatttcagaa gctgcgttgg catcactgaa tatcgtaagt 120
 ttaaataactt gaagtgtgct agatttcccc aattttcagg aacagaactc aatggactat 180
 cttgaaaatc aagtaccttc aatagcctgt actttgtagg gattttttgc acaaagttgt 240
 tcattaatgc tgattcttta tctgcaaaaa caaacagtga tcgggtgtgt gaattntccg 300
 tactcccat taaaaatcat tggagaacgg tgctattgat aagcgttgaa tcatcccact 360
 tggcattggc tcattcttct tactaatat 389

<210> 1020
 <211> 291
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1020

cacagacaca cttagtgggt gacattaact attagtagtg gaggataata caaccagttt 60
 aatgcgtggt tggtttgacg ttggagaatt gatntgagt ctaaaattaa tattagatat 120

at ttgttaa at ctgtgttt atgttgaaa agaattcgaa attaattcta ggtccataat 180
 tgattttgga ttgaaacaat attgagtagt atctgcccta gattcaaaaa tttgtattga 240
 attttatttc taacttgatt ttataattaa acattcagac ataaatcata t 291

<210> 1021
 <211> 383
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1021

agctaggtn tgggcaatag caccacacct gacgtcccca aggtctcctg acccccgca 60
 catatctcca ggtaccactc tgtggtcaac gaataaaagc aggaagttca cccttctaca 120
 ctctctcatc tcaagcttgt aggattatgg ggtaccacac acatgtggta ctaggtggcg 180
 gtcgggcaat ggtgcacaac aagttttcca catccacaat gcgcgcataa acccaccatc 240
 ccctgttgcc cacctccaac tgagctcacg tactcccacg tagcccatat cctcgtttct 300
 ctcaacaccg ggtcccccac aatcctccca agcttccaca acatccaagc aaaacaacat 360
 tcanatagca caagctatca cag 383

<210> 1022
 <211> 396
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1022

ntatcanatg gatgtaaaga gttcattctt atatggctnt attcaagagg aagtatatgt 60
 agatcaacct cctagatttg agaattcaga caagcctaatt catgttttta aattaaaaaa 120
 aaggctttat atggcttaaa gcaagccctt agagcttggg atgagcgtct gagtaagttc 180
 ctttttagaaa aggatttctc tagaggcaag gtagatacta cccttttcat aaatagaaaa 240
 tcacatgaca ttntactggg tcaaatttat gttgatgata ttcatttttag atctactaat 300
 gaattattat gcaaggaatt ctctcatgac atgcaaagtg agtttgaatt gtcaatgatg 360
 ggagaactct aattgtttct tggatacaaa ttaaac 396

<210> 1023

<211> 325
 <212> DNA
 <213> Glycine max

<400> 1023

agtgttttctt ttgcaagaag aagggacaca tgaaaaagaa ttgccccggg ttccacaaat 60
 ggcttgagaa gaaaggtgaa tcaatctcat tagtatgtta tgaatcta atgggtagtg 120
 gtaatattaa cacctggtgg attgattctg gatctactat tcatattgca aattctttac 180
 agggtagtga aaacctaagg aaaccagtgg gaagtgaagca aagcatttta tcaggcaata 240
 agctaggctc acatgtggag gccattggaa cttgcatttt gactttaagt agtggcttta 300
 ttttaaaatt agaaaggact tttta 325

<210> 1024
 <211> 381
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1024

taggagttnt ccaaccatca agttgacctt gcttgaagac ctccatcctt catgttatac 60
 ttgagagttt tccaaaaata tcagacaaga tggaatatgt aaggggaactt catttgagc 120
 aactgccat aagtatatct gtctatttgt ggagttgttc agttaccaag tagcactgtc 180
 atgttaccag aactgactga tattatagct nttggatgga aagggtagca atggctaaat 240
 cacgaagatg gtgaagaaaa agcgggttca atagtatctt caaaggtaga acggctntgt 300
 gcctaagatg gcaaccattt attaatTTTT canaacgggt catgcacggt gttcatgtga 360
 aagattttaga ctgattgata t 381

<210> 1025
 <211> 289
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1025

gcttatcttt ggtnttaca ccaaagtcca tgtgaacctt gagtaatcat ctactataac 60
 taagccatag taatttccac ctaaactcag ttctagaggg accaaataaa tcaatgtgaa 120

aaagttcaag gggttttgaa gtagaaacaa catttttact ttgaaaggag tttttaactt 180
gctttccttt nttacaagct tcacacaatt tatttttctc aaacttaagt tntggaagac 240
caattactaa gtcttttcta actagatgat taagatgatg catatttat 289

<210> 1026
<211> 410
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1026

ctcaagctta tgattggatn gataaatgtg aacgtgagag acctctgagt gatgcagaga 60
gtagctgacg aagagatatc gataggtgag gggagtttat ttttggttta tagctcttga 120
taccatactt gnggttagta aaccacaacta tggggatgta tgattctccc tatgcatgct 180
agttttcaag aaaactgtgt ttntgactaa tgggatgcga tatatttctt attgatgaat 240
gaaattgtga atgatattgt tgttttatga aacttgtgtt gtctgaagac ctgtgaaatg 300
tgaatcctan gcatgaaatt atatgtatat atgtggaatg cgattactga tgatgttaat 360
attgatgata atattgatat gaaatgatgt tgatattgag atgagatgat 410

<210> 1027
<211> 360
<212> DNA
<213> Glycine max

<400> 1027

aacaaaactt gtgctattca tctttttcat tctcttctcc ctttgccaaa aagaatttgc 60
caaggactaa ccacctgaat tctttttgtg tctctcttct cccttttcca aaagaacaaa 120
ggactaaccg cctgaattct tttgtgtctc ccttctccct tgtcaaagaa ttcaaacga 180
cacagtctga gaattctttt gattcttccc tttcccataa acaaaagatt tcaaaggact 240
aaccgcatga gatattctttt gtttcccctt cacaaagttt caaaggacta accgcctgag 300
aactttgtct taacacattg gaggtacat cccttgtgga caagtagagg acatctactt 360

<210> 1028
<211> 409
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 1028

tctatggagg ctggatcttt gagcttcaat gatgttnttc aatgggtgatt ntccaccata 60
 gagttgcagc ggaagataaa ggagaagagg tgagaggaga cgccatccac tatggaataa 120
 gccatggaag gagaagcttc accaccaaga caatgtctta gataagaagc ttagatagga 180
 agtttcaatg gaggaagaga atgagagaga gaaagtggca tggaaaattg aaggaagaaa 240
 gggagagaag tttaactntg aagtgtgtct .cacaagactc tcattcatca aagttgtgac 300
 aagtgttaca catgtttcta tntatagcct angtcactaa catttcacgt gaatctaaga 360
 ggaatattcc aagaatatcc canatgcatc ttaacatatt ccaagaata 409

<210> 1029
 <211> 521
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1029

ctttcgttcc gtctatngcg ngcccgcgat ccttagagnc gcctgctgca tgcaagcttg 60
 angaganaag gngaatatcc tttttcttct tggatgaccc aangtggcaa cgtgcttcat 120
 ttagttaaat atcgtaacaca ggctcattca ttgtggacgg taaccacagcg gggaattcta 180
 agacaatgat gactcacacc ttcaattcgt tggaagctct tctaacctaa atttgacata 240
 ctacactgga agagcactta ttcatttgca ccganggggtg gcatatgctg ccatgatgaa 300
 tcgaacatct agggaaccat gcccaactca cagaatttaa tatgcggcac actactaagc 360
 ccaacgtgaa ttgcacagga aatcatgggt gcgcgcttta gaattgactt catcacaagg 420
 gtagatacga taagacatgt actgtgtttg atacacctca agctccaatt gatcggcgag 480
 tcattctagga gatgatcgtg aatgcagaca caacctcacc t 521

<210> 1030
 <211> 87
 <212> DNA
 <213> Glycine max

<400> 1030

accttcaggc gactttctct aagcgccgca ccggaatctt caagaacgca agtgagcttg 60

ccaccctctg cgacgtggac cttgctg

87

<210> 1031
<211> 460
<212> DNA
<213> Glycine max

<400> 1031

aagcacctga gctgcagcta tgctgctata ttacaataga ccttctttac ctcagcagca 60
aatcaacca caacagcaca attatgacct cttcagcaac agatacaacc ctggatggag 120
gaatcacctt aatctcagat ggtctagccc tcagcaacaa caacagtagc ctgctccttc 180
cttccaaaat gttgctagcc caagcaaacc atacattcct ccaccaatcc aacaacagca 240
acagccccag aaacagccaa cagttgagac ccctccacaa ccttccctca gaagaacttg 300
tgaggcaaat gactatgcag aacatgcagt gtcaacaaga gaccagagcc ttcattcaga 360
gcttaaccaa tcagatggga caattggcta cacaattgaa tcaacaacag tgccaaaatt 420
ctgacaagct gccttcttaa gctgtccaaa atccccaaaa 460

<210> 1032
<211> 419
<212> DNA
<213> Glycine max

<400> 1032

acaggcctat atgacatctc ggactatgat taactccctc taacctccaa gtaccagcaa 60
atccagaggt aactctacaa actctcaaag catcactctt tatcactcat agcactacat 120
tctcactatc taaccctagg ttaactctac cctacatctc tagcagattt ccataagcaa 180
ttgcaaaaca cagacatcac atgcatcatc atagacactt ctaaaccaga acgggaaagc 240
gtgactcaca cctgacatga cgaagttaac atgtttcagt gagattctga cagataccat 300
ccagaacata aacctagtgt actacccatg atatttccaa aacaatccca cagaatatgt 360
gagaagatgc taccaacctg aaattgaagt cccactatag ggcgcttacg actccgaaa 419

<210> 1033
<211> 448
<212> DNA
<213> Glycine max

<400> 1033

agctcgaact tgaaataggg tcaggattga tcttatogtt cctcatggct cttgaagaaa 60
taaagagaat gaaaagtaca aataaatatt attttatttg taaggattaa aaatacattt 120
aaacctaataa attaacacgg attatgacta ttttttataa aattatattg ttgttttttt 180
tttaatttta gataacttat gattgcaata ttgggttaatg aatataaact tcacccaaaag 240
ttaatagttg attttatata attaaaacca aaagttaata ttttataata tatatatata 300
tatatatata tatatatata tatttcattt cagtaagaaa aaatcatatt atatataaaa 360
aaagctctat ataaatttgc atagaggggc tcaactctca agcaccttaa gtcagcctac 420
tagggtcatc acaggtaccc gaagataa 448

<210> 1034

<211> 356

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1034

cgccagttnt tacgtatact ttggaagtat atatattaac atcacgcact tatatgcgag 60
taagagcagc tcttctacgt ggtcattgaa ggaagattta agtggttgga ttttttggtta 120
acttacataa tgttgctctg atgatattcc gtgaagaatg ttaacgactt ctggttttag 180
ccatcctatt ggtcttttca ttgcgcgtac atatatatga attatactta ttgcatgaga 240
atattcttta ctacttgag actattctaa tttgtgtgcc tttaccagaa tatcttcacg 300
ctacactgga atgacaatgg tggatgcctc tctatgagaa ataatgacca catgtg 356

<210> 1035

<211> 449

<212> DNA

<213> Glycine max

<400> 1035

agcttgatcat ggtatatata tgtttcctaa tagtctactc tgtgttatat aatacttagt 60
taaatatatt gtgtatacta aaagcaaagc cttaacatta tacgtctttc gtactcaagg 120
atataccaac attgaagggc ggactgtctt gatgtagcga ttttaacagc gatgacacta 180

tctttgttct atatattaac tgtcatggag atggagctgt ctttgtaaac aatctttgtc 240
attatcagct gaaagatgaa catgttggtc gataggaaaa taatgaaata ctttatataa 300
atgtattgta aagttttaag aataaactgc tcaaattgcc agcagtttgt cgtagaatag 360
tagtgcaaat tcatgatgta aatgtattag aatacagaat aaacctatgg tgccgttatt 420
aattgttatg agaacatctt gggctcttgc 449

<210> 1036
<211> 82
<212> DNA
<213> Glycine max

<400> 1036

tagcacatgt tgttggtccaa tgaactcttc ttgacagagc atgtgttgaa caggaactct 60
tagaatgatg tgtagaatga at 82

<210> 1037
<211> 264
<212> DNA
<213> Glycine max

<400> 1037

gagcaacgca cagctcacat tctctgtttc aactcctaaa caatttttaa ttgggtggctt 60
ctggatttat gtcaatacat caaaatctta tgttatactt gtgtcatcat gtaatgcttc 120
ctctactact gattcgataa aacagataaa aaaacactaa aaaatgaaac ctaatatcat 180
caacgacata aagcataaat tctagtatta gtatcaccaa aagttttggc tgctgggtttt 240
gtgcccattc ctcacatttg atct 264

<210> 1038
<211> 429
<212> DNA
<213> Glycine max

<400> 1038

agcttctact tatgtggcag ggcgggcttc cttttccttc ttgtctccaa cgcgaaacttt 60
gaccattgtt cttccttccc gcgatgcttc ttttcatgtc tgcttgagtg ggcttatagc 120
ctaaaccata cttcccacga ttacctggg tatttatcag tctagttatg ccgccgttgt 180

tttttcctaa acccataccg ggctcataac cggtcccccac cataactcgg gccatcatta 240
 ccgctgcatc ggacagacta tgctgcccac agaggggagtc cacggaggaa atgctgacca 300
 cctcaaaaaga ctggaaagta gtttctaacg attcttctgc ggcttccaca taaggcatgg 360
 aggatgggca gcttaccaag atatcttctc cgcctgacac gatgaccaag tgcccctcta 420
 ctacgaatt 429

<210> 1039
 <211> 437
 <212> DNA
 <213> Glycine max

<400> 1039

agcttcgaag ggatgaaagg gatgtgttga gggatgatgag tatgatatta gaggataagt 60
 tgaaggcttg caaaggatcat aatagagttt gaccgagcag ttgagttata cagacgagaa 120
 catcttgaca atcattgatg ggtataaaga agagctaagc ctagctgcca gtcataaggta 180
 gagactagag gatgagcacg cgaaggtagt ggctctgcaa gcggaagggg aagcaagaga 240
 gagcgtgata taatcattgc acaggggaagc cgtgaaatgg atggatagat tcaactctcac 300
 tctgaatagg agtcaagaac ttccaaggct tttagccaga gccaaaggaaa tggcgggatgt 360
 gtaccagct ctcgaggaag ttcatgggct tctcgattat tgccaacaca tgttcgaata 420
 gatgtgcctc ataatta 437

<210> 1040
 <211> 408
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1040

tcatgatgat gaaccaagca attttgatga tgccaaaagc ccttgtgatt gattcacgac 60
 ttcaagatca agcatcaaga atccaatcca agattcaaga ttcaagagaa gaaatcaaga 120
 agcaacaagt caagacttca cacatgataa gtattaaaag attttttcaa aaaccaata 180
 gtatagttnt gttttacaaa agaattttct cacattgtct aagttacca aagtgattact 240
 ctctggtaat cgattaccag ttatcagtaa tcgattacca gtgaccaact tggtttccaa 300
 aatgttttca aatgggttgc aacgttccaa aatgattttc aacagtgaat cgatacacta 360

tatattaatc gttacagtga atctgacgtt gaatcaatct attggaga 408

<210> 1041
<211> 423
<212> DNA
<213> Glycine max

<400> 1041

agcttctgaa gcatctacaa gatgtattaa ctgtgttagt tgtcagccat gattagaggt 60
tgcttcaata tactctatta gtttttgttt atctggctat tcagtcatta ttgatgctca 120
tttatcgta tatgtatggg tttgtctttc tcgtgattga tgatttgga ataccattag 180
aaattctaac ttcgattgtt acgaaagact gatttaatgt gagcttcaaa attgtgctga 240
tatatagatg gataaacaca tgacgttgat acttatatga ctgtgggtgct tcaatgtata 300
cacttggttt tatgtaggca acaacttcta gaatgtggag gctatgagct cgtgcacatc 360
atgaactcaa taatcactta tgtgataatg tatggctgga agtcagtaaa cggaatcttg 420
agc 423

<210> 1042
<211> 437
<212> DNA
<213> Glycine max

<400> 1042

tctcgccatt gacaatggcg gtacgcgtat ctcgccagta cttctggcga catccatggt 60
aaaacagacc ccctctgtaa atacttataa aagagacccc tttaagtaaa tagtttgtaa 120
aggtagaccct ctacagtaaa ttaccactt taaaataacg ttgggacatt ggattttcat 180
ataagttatg gatgcttata taaatagtgt gttggaagca atgcttgata accattttt 240
atgcatctaa gttaagttac aagaatatac ctattacttc cttggacgca tgtttagctt 300
gcgtagttca ataaactata tcaattcacc aaagttaaat atctcttatt atcattagaa 360
ctatgaaatc tttaacgggt tcacattatt catgtttttg gttccggcaa aatgttttga 420
ccaacttgcc atgtaag 437

<210> 1043
<211> 407

<212> DNA
<213> Glycine max

<400> 1043

taacttgagc atctctgact atgaatcatg caacataata gggaacaaat tcatagtaac 60
cctcgagtac aagaccgaga tgactataga gtagtatccc ctcatatttg atgtcccat 120
tagcaacaga cttagcatat gttttatattt catttgaaaa tgttgtgaca tgtgtcgac 180
taaattcaac gaataaacac aaaatacatg ttataacaag gattctgtga taaaattatg 240
tgcacctcag gacgtaattc tataacatgt tcttagttga gtacgaggct ttacaccttt 300
tgcttgacaa tggcaaagga gatgcacata tagagtaact agcgagctat ctaaataacc 360
tctcgtgaca ttagaccagc ggaaagaaac atgatgacca aactctg 407

<210> 1044
<211> 325
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1044

ttcggccgac actggcgtgt tcccatgcac tccggcgaga acacattgac ccacctgat 60
cagataaaaa gacattaacc accggtcttg atcggaaaaa atgctgggtg acgtcgcca 120
tgatagatga ccgatcgagg tctgaaaata aaagaatcac cggatgacgc cgatcgagca 180
tattcctaatt gacatcatcc aaatattatc cagggattgg atagaaaaaa caatagctga 240
taccagtctg tatgtagtcc cgactgacat ttgtcagccg acattgcaca gtatttnttt 300
caaacgctgg ccgataatat atctt 325

<210> 1045
<211> 344
<212> DNA
<213> Glycine max

<400> 1045

gcttttacgga cctatcaaac tcagctagga ggattttgga gaccgcgtgt tgcgatatac 60
gaggatatgg gctacgtgcg agtacgtgag cttaattgga ggtgggcaac acgagatgg 120
gggtttatgc gcgcattgtg gatgtggaaa acttgcctg caccatcttc cgaccgcat 180

ctagtaccac atgtgattgg taccgcataa tcctacaatc ttgtgatgat gaattgttga 240
aagaggagac ttcctgcttt attggtgacc acatagtggg acctggagat ctgttgccga 300
ggttaggaga ccatggggac gtcatgtggg gtgctattgc ccaa 344

<210> 1046
<211> 420
<212> DNA
<213> Glycine max

<400> 1046

taatgacatt gattatgaca tcacacgact tgctatTTTT agtttcattt tttccaaga 60
aatatcgtgt acctttcgta aaagaattct gttttcgctc ttttgtaagg aaaaaaaaaa 120
aaagagattc tgattgaatt tgagtaaact attttctaaa ataattat tatgagtgc 180
aacttttttc ttatcttaac actctgtttt gctgtatatt aagactctga ctcaaatca 240
tcagacttgt ctataaaata agtatcttct acttccatcc cagtaaaaat cccacatgaa 300
ggacttaaca aagctagatt actttgtgac tcttataaat ataactaaga tgattattac 360
gaacacatgc tatgggttta tcttcgaaaa ggaacacatg aaataactcg attttaattt 420

<210> 1047
<211> 376
<212> DNA
<213> Glycine max

<400> 1047

agttggaagc aaaacaaggg agcaagcttt gggaacactt tcttcaagaa ctaaaacaaa 60
gtcctttaac cttttccatt ttcattcctt ttactatcct catgtatttc tggattggat 120
tcttctcctt gcatcagtag ttctacaaaa tagaaggagc agaacacaag gaaattagat 180
tatttaggat agtcacatat ctctatgtg tttaatttaa gtagcttgaa ccattacgta 240
ctaactctga tcaactctata tgtctattgc ttgctatatg attcgctaac acttttgaca 300
aggaactgga tgagatgaag cacataacta ctggaatttg tcgcaagtta ttattacatc 360
attgtagttt atgttt 376

<210> 1048
<211> 448
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1048

agctgtgctt ctacactacc agcaacaata tggtatcaaa gagaanaact ctagatgagg 60
gttcactgtt atcaagcaag tcggagaccc agcatgacca caaattcacc tccactcctt 120
atgttcccat ggacccgggt atagggcccc ttttcaactc accgtgtgta caaatagtgt 180
tggtgtttat gtgcatcaaa tgaataaata tctatctcat gcttacattt caaaagcaca 240
ctaaaagcaa aaaagagtta tatacaagaa cgtaaaggaa ataaaaggaa accgacaaaa 300
gaggaagtca tgatattgca cgagattaga aggcctaact ctctaaaaac agtccccagt 360
ggagtcgcca aatgtcgcaa cctacccttc ggcgggaggg cgacgcggng ctcacgggtg 420
tgtcttccaa gggaggaagg ctcacgga 448

<210> 1049

<211> 447

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1049

tgtaggcctt gaatcttctt catcaatgga gtcctttgct tcttgaagat aaattggaag 60
cggaatggag aaggaggaaa ggtgattaga gatgccactt caaggagaag atgagtcaag 120
aacaagttca cgcctatatg aagatatgga tataagagct taaaggtagc agaagatgag 180
tgaggaggaga gggagagaaa gggcacgaca tttatgcctc agatgaggta tgaaatgtga 240
agtgtaatct ctcanatgat caaagttaaa aatatgcaca cacaaggcct ctatttatag 300
tttaagtgtc atacaaaatt ggaggaaaat ctgaatttct attcaaattt cacttgaatt 360
tgaatttgtg gagccaaatt tggagccaaa atttcactaa ttaggattgc atcatccctt 420
ccnctctgaa aatgaattga cctcaaa 447

<210> 1050

<211> 448

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1050

agcttgtgca aatcaaatca ctctacgtc tcatctctag catgcatttt ctttctttac 60
ccactcctca cgtgtgggttt tttagggaaa aaacaccata actaaacgcg ccgcatggga 120
tccctatcgc accagatcca aatctagaac gatgggtgat caagaggaga cacaggaaca 180
gatgaaggcc gacatgtcgg ctctgaaaga acaaattggcc tccatgatgg aggccatgtt 240
aggtatgaag catatcatgg agaagaacgc ggccaccgcc gccgctgtca gttcgggtgc 300
cgaagcagac ccgactctct tagcaactac gcaccaacct ccctcaaaca tagtatgacg 360
gngaaggggac aactgnggc acgatggcag ccctcacctg tgatacaacc gagcggctta 420
cccttatgga ttgccgccca actattca 448

<210> 1051
<211> 399
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1051

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ttgctctccc tcccttgaag aactcgtgca caacaatgga gaataaagggt tctaagtttg 120
ttttttcttg gagaagcgag gacatataag gctttatgct tgcttcaaata gaaacttggt 180
tacgcttaat gttgacaaga tcaaaactgat gacatgaata atcatttgat agccataatg 240
ctgccatata tgcataattct gccttttgat tntttaacta gaaatgacta aagtcgactt 300
aagcaaaaat ggtaaaaact ctttctgtaa aactgaaaac cttatctaata ctttagatag 360
tgtgctacat ccttgगतat gtgactcata ggaacttgc 399

<210> 1052
<211> 448
<212> DNA
<213> Glycine max
<400> 1052

agcttctccc tataacagct tcaaaattct atattcagca cactactgta atttcaattc 60
actcatgtta ggtggcatcc ctaaattggg aatctatagc ctggccatgc ttaaattgctt 120
ataattttct agatgttcca gcttaaatgt tttgactggt ctcagcatga gaatttactt 180

ctcacggtgc tcaaacaagt gtgttgggta cagctataaa gatctgagtc aatgaggttg 240
 ttaggcaagc ttgtctctgg gccctctctt taaattcctt gtttcgtcca tttgggctcc 300
 cttctacttt atttggttaat gattaatggt gatgggtatt tatatatcca tttggaaaat 360
 gactaataga gtctttgggt tagagttcaa ctgaacataa cctacttttt ttaaaacaat 420
 aaaatctacc agtgttatta cttctcta 448

<210> 1053
 <211> 440
 <212> DNA
 <213> Glycine max

<400> 1053

tcatcaagga tcttgttgaa atcatccaat tgttcagtgg ttgtttttta ctctgtcatc 60
 ttgaagggtg acagtttttg cttcaagcat agccaatttg caagggactt tgtcatatac 120
 aatgactcca gtttcaacca cattgaggtt gttgtctttt ctcttgcaac ttctcttaaa 180
 gctttatctc caaagcatag aatgattgca ctgctggctc tatcaatcat ctctgatttc 240
 tcctttgagc ttagagattc agacatcctt tcttctcctt taagagcttc tgcacagcca 300
 tgttgaatca agattgcttc catcttgact ctccataacc cgaagtcatt gtcccctgaa 360
 aactttctcaa tatcgtatta tgatgatccc atctttcttg gtcttgatct tgtcccata 420
 gacggcgcca cttgttgatt 440

<210> 1054
 <211> 447
 <212> DNA
 <213> Glycine max

<400> 1054

agcttctacc ccattttcct ataaataggg ggagaagtga atggtaaaaa tggtcagccc 60
 tcctggtaat tcgagaatca cttgaaatta gcgaaaaaaa ttgtttccgt gaagaaaatc 120
 caagtcgatg cgcttccgta acgtttccgt gggtgatttc gcaaagattt tcaaccgttc 180
 ttcgacgttc ttcgttcatg cttcgccgtt cttcggctct cagccggtaa gtttccgaaa 240
 tcaaactttt caattcatc tatgtacgt tagtggctct catttgttt cagtgcttc 300
 tattatcatt tcatttactg tccgtacccc cttttgacgt gctttattca tttgcttaag 360

tcattttgtc gcctaatacaa atactaacat aaatttccac tgatcgcttg aattgtaata 420
tccgataatt tctgttaaaa tgaaatc 447

<210> 1055
<211> 446
<212> DNA
<213> Glycine max

<400> 1055

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tgagccatgt tctcagtatg aaaattagta gtcgaatgct caaattcaga atgttcagaa 120
tcaccatcaa cataatactc agaatgctta aaatgctcaa aatgcacaga atgatcagga 180
tgcacactat gcctaagtaa tccatgaaag gttctatcta tttcaggaag ggttctaaat 240
cacctggatt gccctagtc atgcattata tgcagcaaat catgtgttcc tcaaacaagc 300
accagtggag gggttaaaact acaactatag tcaaatagata tccaaatgag ctgaaatttt 360
atgagtaaca ccctaaaatc atgaaaagat agaacaaaaa tttgcagact aaaattcact 420
aactatgaaa actgactaaa gaaagt 446

<210> 1056
<211> 204
<212> DNA
<213> Glycine max

<400> 1056

tgctggtgga gcttcgatgt atgctgaatc tttgagcttc aatgaggtcc ttcaatgggtg 60
agtgttcacc atggacacgc cacggaaagt cataagataa gaggataggg gaggcacctt 120
tcactatgga ataatccaag gaagaaggag cttcaccacc aataattgcc ttggataaaa 180
aacttgaca agattctttc ctgg 204

<210> 1057
<211> 369
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1057

agcttctagt cgtgcataga ccttctctng ggtctgacta tcaaacgttg catctgtgca 60

ttcatcgcat tcactaacag acgttgagcg ccgtccaact gatggtactc gtgaccacca 120
ccacctgcta cagccataat ttaacaggaa aaaaaaatgt gcaataaaaa ctattaaggt 180
ttcaagacct cacaacactc tactcacgtc tgttagatgt gagtacactc gtgtttaacg 240
ctctcaatat gctatcgtga aatgtattcc ctcttgccctt ttaccactcg agtggactct 300
taagttcctg gatggaccaa attacacaca catggtaata tttaatcaga ggagagacta 360
tatgatgat 369

<210> 1058
<211> 441
<212> DNA
<213> Glycine max

<400> 1058

agcttgccctc aaagaggtcc aggattgata atgttgccga aggaactagt tccgctcccg 60
agtatgacag tcaccgcttt aggagcgctg tacatcagca gcgcttctaa gccatcaagg 120
gatggtcatt tctccgggag cgacgcgtcc agctcagggg cgacgagtat actgatttcc 180
aggaggaaat aggtcgccgg cggtgggcat cactagttac ccccatggcc aaatttgatc 240
cagacatagt cctcaaattt tatgtcaatg cttggccaac agaggagggc gtgcgtgaca 300
tgaggtcctg tgtgaggggt gagttgatcc tgtttaatgc agatgctatc ggccagctcc 360
tgggatatcc gttagtgttg gaagagggcc aggagtgtga gtatggccag aggaggaatc 420
ggtctgatgg gttcgatgag g 441

<210> 1059
<211> 407
<212> DNA
<213> Glycine max

<400> 1059

cgcatgataa atactgggac agtctcaaac cctgatgtat cagtttcaga tccgtggagc 60
caatgcgtag tgggacaagt agagtcgcta aaatcattgg tcagactcct acctatgtgt 120
gcctcggggc tcttgatgat ggcgtcccaa ggctcattct ctaccctgca agcaactacc 180
ttggaccgaa agctatttgg caatttcaag atgcctgcag ggctccttcaa tcttatcatg 240
atattgacct tatcaataga cattcccttg tatgaccgca taatgggtacc tctactagcc 300

aaatacaggg gcttgccgaa tggattctgt agtaaaactc caattgggat tggattgctg 360
 tttgtatgcg cagctaaagg aacatcagct gtagttgaaa ctattag 407

<210> 1060
 <211> 430
 <212> DNA
 <213> Glycine max

<400> 1060

gttattcgcg catatTTTtgc tcggtgCGct ccatcatacg atccatgaca cgccatgcat 60
 cctatctgCG gaaaaacaca aaatgcttag cgtactaatc accgtagctt gttaacatga 120
 acgtattaat aaatctagta ctgcgctcac tcacctatga ttccggccct gagaagaaaa 180
 tgaatctgga aaatgagaag gcaacaacaa cagcgCGtga cgtaaactct tatgataagg 240
 ggagagaaat gagattagac gcttacgcta tatagaacga tgcattgCGg ttcttttagag 300
 atgacgtgac aactaggtg acctctTTtTg caaaactaaa tttggggccc ttgtactagg 360
 tactatacct tacaacgggt tttcgggtga atgttttcta agatttacag agagttatac 420
 atattgttct 430

<210> 1061
 <211> 380
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1061

atcaattcat attggatgca ctccaacttg taatgatgcc ctattccttt cctcagagac 60
 tgatgcatg acaccgtcac cctttctttc agaattcagt gaaaaccct ctctcttTgtg 120
 acaactttcg cgccttataa cgacattcaa atgttctaaa aattaattgg agagtgaaga 180
 acaaacctca ctacgtgata attgttcccc catccgggCC ttgtgcaaac attcatgtga 240
 taagattttg aaagtgggaa tagtagatcg aggccaccta aatggaaatt gaaaaaaggg 300
 tgtcaggtag aattatcaca cactntttta caatgatata ttgcttagaa ttcaaaacat 360
 tcctaattga cacaacaccg 380

<210> 1062

<211> 439
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1062

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agctntgttt catagataca tatatacaac taatataaaa tgtaacaaaa atgatgaatg 60
aagataaaaa aaaatattgg aatgaaatgg ctatgacaat gatgaagatt aacaaataac 120
cacacgaaat attcaacaca attcatatta aggatcaggt tatgaatttc aagactattc 180
tcaaataaac atgacatgat ataacacatc agtattgctt atattagttt acttttaaag 240
tagccttatg gtgaagtaag taggtccttt gctgtaagat ggaaggatta actagaagac 300
acatggcatc tgttagatag taatgacagc atgcactatg ttatatgcaa caaagatctg 360
gtgaacccaa ctatactggc tggatggaca aaactcggag atttctatgg actcacagga 420
tatcatcaag tgacatga 439
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<210> 1063
 <211> 410
 <212> DNA
 <213> Glycine max
 <400> 1063

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ctatatatttc agtagatgaa tatgaatccg cggccacctc atgtactcct ctaaggacaa 60
tagcatcatt tgttgcaactg aattgttagg agttggaagc catcttctca atcaaactcc 120
tagcctcagc acgggtcata tcaccaagag ctccccact agcagcatta atcatactcc 180
tctccatggt gctaagtccc tcatagaaat attgaggaag gagttgctca gaaatctggc 240
ggtgagggca gcttgcacac aatttcttga atctttacca gtactcatac gagctctctc 300
cactaagatg cctaattgct gaaatgtctt ttctgatggc agtggtccta catgcaagga 360
ataatttctg caagaacact cttaacgtcg tccaagctga aaatggacct 410
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<210> 1064
 <211> 432
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1064

agctatgctg atttggctct cgcagtgaa atgttcgaag tggatctgan aagaggcaaa 60
 tttaatcatc ctgcttagac gaatgagaaa actgctggcaa ataaagaggg tgaggatgag 120
 ggagaaaccc atgctgtgac tgccattcct atacggccaa gtttcccacc aaacccaaca 180
 atgtcattac tcagtcaata acaaaccacc tccttaccba ccaccagtt atccacaaag 240
 gccatcccta aatcaaccac aaagcctgtc taccgcactt ccaatgacga agaccacctt 300
 tagcacaac cataaaaaac accaaccaag aatgaattt tgcagcgaaa agcctgtatg 360
 attcacccca tattccggtg tcatatgcta acttgctccc atatctactt gataacgcaa 420
 tggtagccat aa 432

<210> 1065
 <211> 422
 <212> DNA
 <213> Glycine max

<400> 1065
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 agtttatctc ttattatctt agtgagagtg attctcctaa attcttgagt gattcaagaa 120
 caccttggtt gtatcaaagg actttcacia cctttgtgtg ttgccctcgc tggaaagagt 180
 gattctttct ttactttcat catcaccctt gttctttcaa atcacaattc cagaagatcc 240
 acctctgccc agagatatct cgtggccata acttccattt tacgcactca aattaagaga 300
 ttcttgagcc tatattgaat ttcaaacga gacccttcac ctcgttatgg aatcacctca 360
 ttggagccc tgtagcttca gtattgcat ttctatatatt ctgtccagcc accacttaac 420
 ct 422

<210> 1066
 <211> 435
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1066
 agcttcataa atagactgaa tcaaggagaa aattatcgct gacccccana acataagtta 60
 tttaacacca ctgtgcagct tggtgactag ttaatagagt ttattatggt tgcatgaaag 120
 aacatgtttc taaatgtatt aaaaagcttg ccttggaana atcaagttat gagtatggac 180

tagagatgag atgcaaactg caatcaacat aggttacaat aacaaggctt gttctagatt 240
 tttttttttt ggaagttgaa taaagtttaa tctagttgtc tttttacagg tatgcttttag 300
 gtttacttag ataagacatg aaacagaaag tgaccactct tgattaacta gatattgagg 360
 cccttgtaaa aggtactaga ccttacaaag tttttcgcat ttaattttct ctaaatacta 420
 tagatatttg ataca 435

<210> 1067
 <211> 428
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1067

ntgatctagt gtaaaattaa ctttcctan aagataaaac attcacaggt ccagatgatt 60
 accgaatttg taagaacaac aactaagtca tcttgaaagt actcaaacag ataatagtgc 120
 actatagctt ccctcagaga cagaggccat gaaaccttca ccctttcttc caaaattcag 180
 tgaaaaatca gcattcaaaa gtgaaaactt ttggcatggt aaaggacatt aaaatgttaa 240
 aaaaattaat tgggtgaagga agaacaaacc tcactagtga taattgttcc ccaatccggg 300
 ccttttgcaa acattcagct gataagattt tgaaagtggg aatagtagat tgaggccacc 360
 taaatggaaa ttgaaaaaag ggtgtcaggt acaattatca gacactnttt tacaatgata 420
 tattgctt 428

<210> 1068
 <211> 442
 <212> DNA
 <213> Glycine max

<400> 1068

agcatttaca atgattaaga tataactcttt caagtttttt ggccataaat tagtctggga 60
 tctcaatcaa gtctcgagac tcttgaaggt caatggctctt taaactcacg aggttctgta 120
 aaaaaataa aaatacatca cattgaccat aaatcattaa aataaaattc ttagtatata 180
 ttgaagctca tcatcctagg tgtggctctt gtgattgtga atgagtttca ttcgagtaag 240
 caaaagacta gttaccactt tgtcttacga ttctctaccc tacctttgca aatagaaaga 300

aaaatgtagt atgtatatctt acaatcatac ctgaacccca tcccagagct ttttgagctt 360
gctacgaggc atggaaatct ctacaagtcg ttcagcgcag aagttatacg gcaaagactc 420
aagacaacat tcatgccaat ga 442

<210> 1069
<211> 450
<212> DNA
<213> Glycine max

<400> 1069

gagctttatg gaggctggat ctttgagctt caatgaggtc cttcaatggt gattttccac 60
catggagatg cagtagaagg caaaggagaa gaggagagga gaggcaccat ccactatgga 120
ataagccatg gaagaaggag catcaccacc aagaatgtgc catggataag aagcttgaag 180
atgatgcttt aatggaggaa aagaaagaga gaagggggga gcacgaaatt gaaggaataa 240
aagagggaga gaagtggaac tttgaagtat gtctcataag acgtccattc atcaaagtta 300
caacaagtgt tacacatgct tctatttata gactaggtag cttccttgag aagctttctt 360
gagaaaactt ccttgagaag cttctttgag aaaacttcct tgagaagcta gagcttaact 420
acacacacac ttctaataac taagctcacc 450

<210> 1070
<211> 448
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1070

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cttaggcact tctctctctc tcgaaattgc tgaggaaaat tatttccgtg aagaagaaaa 120
gggttcagcc ccttaggcac ttctctctct ctcgaaattg ctgaggaaaa ttatttccgt 180
gaagaaaatc caagcagagg cgctttcgta acgtttccgt gagtaattac gcgaagattc 240
tcgaccgttc ttcaagattc atcggttcgtt cttcgttttc ttcagtcttc aacgggtaag 300
tacctcaaac cgagcttttc aattcattct atgtaccgtt ggtgggtccac atnttgtttc 360
atgtatttnt attctcgttt tcatttgctt tttatacccc ctnttgacgt gcttaagcca 420
tttatntaag tcatttctcg cttaattct 448

<210> 1071
 <211> 107
 <212> DNA
 <213> Glycine max

<400> 1071

tgctgactgc aatcatcttc gggtacattt acaaggctgg tagtagaaat cttgtaaatg 60
 gaagtcgagt caaccttgat gcagatgact ttatacacgc atgcttc 107

<210> 1072
 <211> 384
 <212> DNA
 <213> Glycine max

<400> 1072

tggatctgac tgccctgctt tatgtgatat acataattgg gtataaagac gactagggcg 60
 cagtaactga cgtttgtttt tatatccaaa ttgtataacc tgtgataaat catttaaagc 120
 cattggtcct ttattattca ttatatgata aattctttta ccacttctag attgtgagta 180
 tcaatgatta ttcatgatca caaagcatat gccaaactca gatgatagta tatcaaatta 240
 ctatacttct gatcatgagg gcgagccctg gtgcatcggg aaagatgtgc ctcggtgact 300
 tgttggtcat gggttcaaata ccagaaacag cctctttgca tatgcatggg taatgctgcg 360
 tacaacatcc ctaccccata cctt 384

<210> 1073
 <211> 318
 <212> DNA
 <213> Glycine max

<400> 1073

agctcctgcc tcagttaata ctcatccgtg gctgtgtgat cagcttttag aagatggcca 60
 cctaggattc ttgtgtgcat tttccacacg caagagggtt aaccgaaaca catccagcat 120
 ctaagtcggg aatcgaagtt catggaataa tggccgacat tctcaaattg gtctatacta 180
 gattgccttg gatgagttga aactgtcggg gcattatctg aaaatgtgcg tgccctgtaa 240
 aggaccatat ggataaagga gotgaccacg ccatacttat acagatgtac ttgtgctacc 300
 tacttttccc tgattacc 318

<210> 1074
 <211> 356
 <212> DNA
 <213> Glycine max

<400> 1074

agcttgaggt ctggaagcag tgcttttact gtttctggat gctatctaca ataaaaagaa 60
 cccatcagtt tattagacca gaagttatta agattaaaac agaaaataaa aacgaaaatt 120
 ggcgatgtgc gcttagcgag atgcagctag cttagcacgc cttagtaaaa acaacacacc 180
 ggcttagcgc aatatggttg cgcttagcca gtcatgacaa agaaattttc tctgcataat 240
 tggcttttgcg agcagtgcta gcttagcctt atgcatgccg caacgaatag tgcttagccc 300
 atggggatgg cacttatccc gagcaacact tccaaaaatt tgactatgta atctgg 356

<210> 1075
 <211> 252
 <212> DNA
 <213> Glycine max

<400> 1075

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 gtcatcatat caggatgatt ctctatgtga agcttgccct aaagggaaac aagtgaaaag 120
 ccattgctat aaccaaaaaa taccgtttgc acttctacgc ccttaacgcc tatgtggccc 180
 aactataact acatccctct ctggacacat atatggtttg gtcatcgagg actattacac 240
 cagatggaca tg 252

<210> 1076
 <211> 412
 <212> DNA
 <213> Glycine max

<400> 1076

gttgcttctt ccagaaggca tcgccttctg gggaactacc tggaaggccc tagtgggcct 60
 ggtttctatt tgcacccctt atttactaaa tacacccctt tacctttttt tgctgattct 120
 ttttccgtaa cgatacggaa ctttacgaat tacgtaacga tacttgtttt ctattcgtaa 180
 tgacacgaca ccttacggat tacgtaatca tcccttcttt atcttacgaa atgttatgat 240

actttacgga ttgcgcataa acacttttctt ttgacttccg acatgtcacg aaacttcacg 300
gattgtgcaa cagtgcattc tttagacttc cagcatgtca cggaactgca cagattgcct 360
aacgatgtgt gctaactacc tacgagtggc catcacgaggg tctcatccca ct 412

<210> 1077
<211> 382
<212> DNA
<213> Glycine max

<400> 1077

acacagacca ataccacaac tttccttact caaatacccc agtaacattg tcttcgttcc 60
aatttggtca ccgttggatc gactcgaaaa ttttactgga ggtccctagt acataagtct 120
acattttgac cgttgggac tgctacaaaa cgtccataac ccaatatgta caaccctttc 180
cacaaccagc aatgcataag cattttctgc acaagcacia aattatgctg cacatttcaa 240
cagcaaaatt ctgcataata gtgcagattt tcgaaatcac tcttgccctc ttccaatgtt 300
gcccaaattg gaccctacaa gtcctatatt aagtataaat catacctaaa ccacagacaa 360
gcttcagacc aaagcaattc aa 382

<210> 1078
<211> 434
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1078

agcttgtcca ctacttgaaa tgacttagtn taatttataa ataacatgcc attgcagata 60
agatatactt atattcagtt ctgtagatgt tgtttgcgct gatctcccat tagaattaga 120
gttctaccct gataatccat cttagtcctt taatgcagac tataattttgt agattaccaa 180
aaatgaaact ctgattctaa ttgaataaca acatcaacag ccaacaatac caaacaacc 240
ttatctaagt tttattcttg aaaatatcac ccgtgatcac aagttcacag ctatgatatt 300
gccataattg ataaactgac ctgggataag aaatggctgg atattatctc atgcgatgtt 360
aatgaaccag acaagttatt attccttact ccaccaagct aagaacggcc cactagtttg 420
attttcaaca catg 434

<210> 1079
 <211> 440
 <212> DNA
 <213> Glycine max

<400> 1079

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agcttctttg agaagctaga tccttatcta tccatacccc tctattaact aaattaattt 60
ccttaaaaaat aattacggat gaaaataacg caacaaataa tcaaacatca aacataatta 120
ctaataatat atagatatat atatcagggt gttacatcag cacctgcaca acctaaggcg 180
cccgccccc tccagaggga ggctcccaa gctccggctc caaccacgac tcgttctgtc 240
ggcaatgcct actttggatc cggttccaat gccatgagga actttcccc gaagccaact 300
ccagaattca cccactccc aatgacgtac aaggacctct ttccgtccct catcgccaac 360
caaatggtcg taataactcc cggaagatc taccaacccc ctttcccaa gtggtatgat 420
cttaatgcaa cttgcatgta 440
```

<210> 1080
 <211> 432
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1080

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agctntgata ttatgataat tattgctaga agatctcatg ccatgatttg gaattcctat 60
tgactccagt ggagtacaat ggggtggggca acattcatca atataacgtg gaacaagtgc 120
accagtc aa gggttatagag gactgaggag accatacgaa catgttgcct taggagattg 180
aggagtactg agagcttcag aggcaattgg agaagacgtc tgagaaggag agtgagattc 240
ttttaaggac gcatcttaga tagttcagta ctcttggtgt gataagtgggt ctatttttagt 300
cctagttttc ttcattgatt ttgatgtatt ctaagagagg tttctccaca tatatgtatt 360
ttgttgaagc aaagatgtaa aaattgattc tgcttacttt catattatca tgggttgctg 420
tcgtattatt tc 432
```

<210> 1081
 <211> 436
 <212> DNA
 <213> Glycine max

ttgcttactc ccataataacc aggagccttg tgcatatcgc tttttataca taagctaatag	120
agtttctgtt gtaacaaaag tgtttgact acactatttg tcactacatt cgcggtacgg	180
gctaaggctg attcatttat gcaggttgtc attggtcaag ctgctgtgca cagggtgaat	240
gcaactgtca acttccttga tgaaacaaga cttcatatc ctgcaactgt aaataatggt	300
gacttgaca agctatctgt tgatgtagct ggcaatttgc ttggcaccaa taatgttaat	360
attgacaaga cacctatcat ggccgctgaa gactatgcat tctatcaaga ggtcacacct	420
ggctacttca tc	432

<210> 1084
 <211> 433
 <212> DNA
 <213> Glycine max

<400> 1084

agcttcggaa gatagtgatg aggtacattc cctataggca gagcttgaaa gagcctgcgt	60
agtcgaagag aagttcaagt ccatagccat caaagtctga aaagagtatg atgaactaag	120
ggatgtcaat atggccaccg atgaagcctt ggaatgagaa accaagaagg cccgaaagga	180
agaacacgac caaagcaaag ttttgagggg ctttataggg cagcaatagt gagctcaaac	240
tccgaagagg tgaaaagaat catcacgggt caaaggcatg atctggaagg acgagctaaa	300
agcttgccct aggtcgaaaa gaaatttgtc ccaacagtta aagtgagact gaaggggaata	360
tgtgggcat catcgatgag tgcaaagaga agctaaatct agcggcaact cagcagcaaa	420
ggctatagga tga	433

<210> 1085
 <211> 428
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1085

ntccactcct ttggaagatc attatttgct tgagtttcat agtcttgaga atcctcattg	60
ctttcatctc ttttcctttt agaatccctt tcatgattat gtatctcttc taagaaatct	120
gaaacatcat ctaacacatt ctttcttggg gaaataacat tagactcatc aaaggaaaca	180
tgaatggatt cttcaatatt catagttctc ttattgtata ttctatatgc ttactatgc	240

aaggaataac caaggaagat tccttcattt gccttggcat caaactttcc taagttttct 300
 ttccattat ttaatacaaa acatttgcaa ccaaagacat gtaaagtgtga aatgtttggt 360
 tttctacat tgaataattc gtaagggagt ttctttaaga tgggtcttat taaagcctta 420
 ttttaagat 428

<210> 1086
 <211> 442
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1086

agcttgcaaa tggcattata cattaccatg tgactatttn ttttggtata tatcagtata 60
 ccatgtgacc acgagttcaa actcaattta agccaatcac ggtagaagat tttatgggta 120
 aaaatagtag aagaattaat ggcaagatga ttgattggtg taactacaat aaacagtccc 180
 cccactttgg ctttaatctg ttnttttttt ttttttcaat ccttccactc caaagtagtc 240
 atgcaatatg ccaccaaata ggagaaagtc tgcaaatctc ctttaattact ggttggaag 300
 tggagtccat ttgaccacc ttacctgagc aatggccaca gctacttgtc cttttcaagt 360
 tctgggtaaa agggtgactc ttcatgatca tatccattg gatatcatat tggcctaaaa 420
 gcataaaatg acataacatc ta 442

<210> 1087
 <211> 455
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1087

cgaaccanaa ccggtgaaag tgtgattnta aactgtgagt gaatgactag ctgtgagtaa 60
 taatctttgc atcaatctct gaattttaga atgaaatgta taaatgagga catgattaag 120
 gctatgattg tgtatataca agccatttga ccaaaaaact taccttgaaa ttataattgt 180
 atcatttgca ccctttgtga gctgaatgaa tttgtcaata attgaaccct gaacctaaat 240
 gattatctct agataccatg tttagattct aggagagcat atggttcaag gaaaatttac 300
 cccatatttg ggggagtggg actgattggg atgcaaagaa aaagataaag cattagcaca 360

cacgacaaat aagttgtgtg ttaaaaaaaaa agcaatcaga gaaaatgtgt gctgggtgtaa 420
 taagggtcaaa agcaaatgaa agtgaaaagc tagtg 455

<210> 1088
 <211> 422
 <212> DNA
 <213> Glycine max

<400> 1088

agcttcaaca ttcaatgtca agcgtctcga tatattacgg gactcaatca tacatccgag 60
 taaatagtta ttgtcgtttg aattgggtca gagcttcaac attcaatttc gaggggtctcg 120
 atatattacg ggactcaatc cgacatccga gaaaaaaatt attgtcgttt gaattgggtc 180
 agaggttcaa cattcaatta tgagcgtctc gatatgttac gggactcaat cagacatccg 240
 agtaaaaagc tattgtcatt cgaattgggt cagagattca acattcaatt tgcaggggtct 300
 cgatatatta cgggactcaa tcagacatcc gagtaaatag ttattgtcgt ttgaactggc 360
 tcagaggttc aacattcaat ttcgagcgtc tcgttatatt acgggactca atcagacatc 420
 cg 422

<210> 1089
 <211> 406
 <212> DNA
 <213> Glycine max

<400> 1089

agcttcttat ccaatgctca tcttggtggt gaatttcctt ctattctggt attagaacga 60
 gtggatggcg cgtcctatgg aatataatac tacttattgg gctgctgttt ctgagaggaa 120
 tggcaccata aagtgcacctc attatggctc aaggattcca ccttttggtc ttccacaaag 180
 ctgatgctta agctgacaat tgtgaactga atgcaatttg agccaatgtc ctttatgggtg 240
 actaacccaa tacttggtatt aggtgtatca atttatactt gattgctgca ttatttagac 300
 agactaaact ctttaaaatt gtaataaaga ggtgtgatat actcctacct tagggccatg 360
 atacaacggc atatcttggg cttttctact tataacatgg gcttgt 406

<210> 1090
 <211> 464

<212> DNA
<213> Glycine max

<400> 1090

tgagctctga tgggtgcgcag cccaccatct tttcatagta gagtaccgat tatgtgtcta 60
ccatcacgat tategtctcc ctttccatta ttgggggtac cacctgagcc gccagatccc 120
tccacctttt gggcgtgttc tttgaatgat ccgtccccct ttttgcacat gttctgtagt 180
tgcatectat ccggaaccat atcacaattg tactgatact gcctaacaaa ggcaaccatt 240
aggtccttcc aagaatggac tcgggaaggt tccaagttag tgtaccaggt aacagctacc 300
ccagtaagac tttcttggaa ggaatgtatt agcaattcct catcttttgc gtattcccc 360
atcttctgac aatacatctt tagatggttc ttgggacaag tagtccccct gtacttgtca 420
aagtcagca ccttgaactt gggaatgacc atgtttgggt atta 464

<210> 1091
<211> 449
<212> DNA
<213> Glycine max

<400> 1091

ctgcagcttg caagtttaaat aaagaaactc ttaaactctct cttttatctt tagatttaaa 60
catgttctta gttacattca attgtgcac atcgattcgt tttgttattc cttagcgaaca 120
ttttgtttta tattgatgat tcacaactgt gtaggtaatt gtcgttgata aagttttaac 180
cttcattttt cacatcccc atatttctag tcttacaaaa tgtcatttct cttgtatcta 240
ttaattaaaa caaactttta ttaaaaaatt attatgagcg tgtttcgatc cgcaccaaag 300
gcccttgac gtgcgtatct catggtcaaa catgagaaag tcagttgacc gtgatgtttg 360
gcttctccac tatactcgat tcacctcgtc gaaatcgatt ttgaagcaca gcatggttga 420
ggcagcttcc acgtcaagtt aaaattgat 449

<210> 1092
<211> 436
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1092

ctctgttaat tgaaagtnta aaatgatgct tattaaggaa gtatttggtta attgaaatct 60
cttttaattg aaagtttgga acgatgctta gtgttgaatt ctggcaatgc taagggtggtc 120
ctctgaacat ggacaaatta tctgttaatg gaaattctgg ctccctcaag ggtgggtgga 180
gggttctgat actgcctttt gagtagtggg ttttgttggt gccctttaga gtaaactctc 240
acaatttcac aatccgattc tacaataaa gtttatggaa cttccacgat tctacgtaaa 300
atcgagagtt taacaaccat gattggaagt atccgcgctc tctatctctt tatatacccc 360
attaataaag ataataattg ttgatcagca gactgcctgc gttaagtgtg attactgctg 420
gaaatgcaga tattat 436

<210> 1093
<211> 425
<212> DNA
<213> Glycine max

<400> 1093

atttatttaa acctcccact gggcattaag ttaggcctac ttgggttaaaa ggaaaaatat 60
atattttttc atagaatggg gaacaactaa ctcaaattaa ttacaatga atatttaaaa 120
atgtggagtg actgagttaa aatggattca cttaatcatg ctatatcgag tgactgagtt 180
aaaaatttag agctatatat gtcgctagac gcttatcaac agtatattta tctgggtttat 240
aaattaaagt aaacgacaag aaattacttc ttatacattg tgccctacgtg caatcacaac 300
gatacaaaat tccatattat aagaattgcg agtataacta tgttttcatt gagcatttat 360
ttattaatgg tattgtgcta cggcatgtga ggctgtgcga caagttcatc agatataaat 420
attgt 425

<210> 1094
<211> 192
<212> DNA
<213> Glycine max

<400> 1094

tgaagctcca tagctacgat tgacgccaat gactgtaact aacatgacta ccatactgga 60
caggactgcc tccggatgga attgaggcta tctaatacat acaccagatt gaactcatgc 120
aagctgttca cttgtcgcgc atgtagaggc tgctgtagac gcagtgaacg atgattcttg 180

actaaatgat ct

192

<210> 1095
<211> 429
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1095

agcttganga ttatggggta cccgtcatat gtggtattag gtggcgatcg ggcgatgggtg 60
aaaatcaact atcccacatc cacgaatcaa acatgaactc accatcccca gttgcccacc 120
ttcaactaag ctcacgtact cctacgtagc ccttatcctc gttcctttca acaccgggtc 180
ctcatcaacc cctccaagct tccacaatat ccaagcgatt caatttccaa atatcatgaa 240
ctatcctaaa ccaagaaaac agggcagagg cagaaaactc tgcccaaaac acattcacat 300
attacaactg tccttactca aagaccccag taacattctc ttcgttcggg tacgttaacc 360
ataggatcaa attgaaagtt ttactggagg ttcctagtag ataaatctac attgtgaccg 420
ttgggatct 429

<210> 1096
<211> 334
<212> DNA
<213> Glycine max

<400> 1096

agagatctac aaacattggt gtgcctacaa cactactact aacgaggaat gtggtagtgt 60
attacaccga gtttgatgag tactaggagg aactcgagag aagactctgg gatgagaagt 120
taactgattt tgcagacgat cgcatagaca ttgctattat gaaggaatct tacgccaacc 180
tctatgaccc caagggtaaa tcacttattc tggatgaagg gagaggacat ctaacgaagt 240
ttgatgaaga ctgcttgaac acattgtagg agaccccgat gactatggaa gagggggaga 300
atgtgtgtgc tgattccaag tttgcactcc tgag 334

<210> 1097
<211> 439
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 1097

agctntacag cagatnttag taatgaccca cttttctaga attaaaataa cttaatgcca 60
ttaacctagg gaattaaaac aaactaaatg gctgagtgtg actgaaattg ttggcaacca 120
aaagtcaccc ccaacagcca acaagtcagc caccatttgg tctcccaaaa ggctgatgcc 180
taggttgcca attgggccct tattacaact tgaactaaag cccttttagt tgattaacct 240
aaaacatatt tttggtcagc caactttaca aggattgggc cattatttag acaaactaaa 300
cactctaaaa ttgaaataaa gtggtgtcat ttagtctccc atttgggcca tgatacaact 360
cacaaccttg gacttttctc cttgaaactt gggcttgtat tcaaatagta tggacagcac 420
ttgttgaaga gcgtccttg 439

<210> 1098

<211> 380

<212> DNA

<213> Glycine max

<400> 1098

aggctctgag caaattcaaa cgacaataac ttttgactca aatgaccgct tgagtcccg 60
agtacatcga gatgctcgta atagaaaagg gaagctctga gaaaatgaaa cgaccattac 120
ttataactac gatgtcggat agagccccgg aaaatattga gacgctcaac attgaaaaca 180
gaagctctta ggatattcca acgacaatat agtttgactc ggatgttcga ctgtgtcccg 240
taatatatcg agactctcgc aaatgacaag agaagctctg cggaaattcg aacgacaata 300
acttctgact ctagtttccg cttgtgtccc gtaatatatc gagaggctcg ttatagaaaa 360
gggaagctct atgataaaact 380

<210> 1099

<211> 149

<212> DNA

<213> Glycine max

<400> 1099

catgctgct gggattgatc tgatgcctgc cttactaacg ccatagacgt actcttatcg 60
acatggctcc ccatcgact caagtgcata acatgggaaa taaagagaga gatagctcta 120
tacactacgg actatggcgt agagacctg 149

<210> 1100
 <211> 376
 <212> DNA
 <213> Glycine max

<400> 1100

catgagctag tgaacactct cttcgacatc atgtctgtgc tcatataagt gatcatgacg 60
 tgcattgaga tgttcttgct caactcgac gtcgtgcaact gtgatacctc gtcctgaag 120
 acgcttcttt ctgatcttcg atggcactac actcttgagg ggaacattct gaagaactgc 180
 ctaccttgtc ttcattgttc ctctgacgct ggttacgac tttggagagg ttggacatac 240
 ctctctgaa gatatgatac gcattgtacc tcactttagt acaggaacc aagtcacaga 300
 caccctcca tgctagccca gagttggtcc caattagcct ttcattttct acgcacgagc 360
 agtgaccttg tggcgg 376

<210> 1101
 <211> 438
 <212> DNA
 <213> Glycine max

<400> 1101

agcttatcga gaaaagaaat tgtataatgt ttgtttacaa cattgttaag ttcaactaaa 60
 accctttgta gagcattatt cccaagtgc gtaagaccaa ctgtaaaaga aaaaaatta 120
 aacacttgac aatggatgca tgcactacta tcactatacc agctagcttc attcgtctct 180
 ttcaagcatc tatagcaatt ctttgcaata aaatcttgaa actaacactt ggacagctag 240
 atctaaccgt tgttgctgga gtgtgaccaa attaatgggt atatttatta tgaataattg 300
 aatattaaaa tactcttggc agtgcatacc tacaaagctc acttgtggac aaaaacatta 360
 cgggtcttaa tggatagata agaattaaaa tcaatcaaag taaagatcag ggaggatcat 420
 catcaatttt cagcacc 438

<210> 1102
 <211> 447
 <212> DNA
 <213> Glycine max

<400> 1102

tacggacctg tgatactcag ctgcttcca caaatagtct cggccgaaag acgctgacat 60
 cttctggaaa ggtgcagatg accacattgg tctctgcgtg tcctcggact tggggtctcc 120
 gaataacgag gtgctggataa ccgtaaagtg ctctgcatgc catcgaactc ttgggtcgct 180
 ggatagcaag aaggtgacac taaatagtct cagtcggaag acgctcacag ctccaggaag 240
 agtgcagatt accacattgg tctctacgtg tcattggact tggggtgtcc gaatgatgag 300
 gtgctaataa ccgtaaggtg tctccgcatt ccaccggact cttgggccgc tggatagcaa 360
 aattgtgaga caaaaattgt ctgaccgga agatgctgac atctctgtta aaggtgcaga 420
 tgaccacatt ggtctccatg tttcatc 447

<210> 1103
 <211> 436
 <212> DNA
 <213> Glycine max

<400> 1103

agcttccttg agaagaactt aactacacac acttttctaa taactaagct cacctccttg 60
 agaagcttcc ttaagaaggt tcctagagaa gctagagctt cactacacat acccctctaa 120
 tagttgagct cacctccttg agatgagaag ttagagctta actacataca ccccctataa 180
 tagctaagct caccctcatg ccaaaatata tggaaaaaca aaaaagtccc tactacaaag 240
 actagtcaaa attccctgaa atacaaggct aaaaccctat actaatcaaa tggccaaaat 300
 gcaaggcaca caagaaggaa aaacctattc taatatattat aaagaagagt ggaccaaac 360
 ttggcccatg ggctcagaga tctaccctga gggtcatgat aacgctaggg ctttctgttg 420
 cagctctagc ccaatc 436

<210> 1104
 <211> 429
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1104

tcaagaatcn gatntcacag aatcaagatt caagaatgat cttttttcaa gattcaatca 60
 agcttcatga atcaagattc aagagcaatc aagatcaaga ttcaggaatc aagaaaagac 120
 tcaatcaaga taagtactaa aagtttttcg taacattgag tggcacaaga atttttcaca 180

aaatctttaa cgagagagtt ctactttctg gtaatcgatt accgagagcc aacattgggt 240
 ttcaaaactg atttaciaag cttgtaatcg attaccatga gcatgtaatc gattaccaat 300
 attgtaaaat gttagatttc aaatctcaag agtcacaact agtgataaaa cattgtcaaa 360
 tcattgtaaa cttgtctaata cgattacaca atacttgtaa tgcattacca gagtttctaa 420
 acggtttga 429

<210> 1105
 <211> 430
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1105

agctngcttg tggggcttct atggaggctg gatcttcaag cttcagtgag gtcctttaat 60
 ggtgattttc caccatggag atggagcaga agacaaagga gaagaggtga gagaaggcac 120
 tatccactag ggaataagcc atggaagaag gagcttcacc accaagatga gcctaggata 180
 agaagcttgg agaggatgct tcaatggagg aaaagaaaga aagagagaaa gaaagagggg 240
 gagcacgaaa ttgaaggaag aaaaaggag agaagttgaa ctttgagttg tgtctcacia 300
 gactctcatt tatcaaagtt acaacaagt ttacacatgc ttctatttat agactaggta 360
 gcttccttga gaagctagag cttagctaca cacaccctc tcataactaa gctcacctcc 420
 ttgagaagct 430

<210> 1106
 <211> 429
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1106

ntaacctcat cgtctctcac agtctttaga ttgggagcc aatccaatcc ttgtgttcgg 60
 actctcagcc acttatgata gccgccgatg atcccattac ggcttcccct aagctctctg 120
 tcctttcttc acgccgcac ccattgccttg cgaactcctt ggagtaccct cgcgttgtgg 180
 tcaactgaaac cccgtgcgat gaaaggcgtg atgctttcgt ctgatggcac tcctctcatg 240
 aggtagccaa gctgtcttat ggcgaggacg ggattataat taatacaacc cttgttccc 300

atcaagggaa catttggaca tccttcgcat gaagatagaa tcctgattct tccttccttc 360
tagcgaggga accaattaac agacgcccct ccatgctagc caagagttgg tcccaattcg 420
cctttcctt 429

<210> 1107
<211> 438
<212> DNA
<213> Glycine max

<400> 1107

agcttgtcct tggtttaaac atgattggta catgatttgg gacttgtatg tattaatttg 60
ggaaaaattg gatgggggaa agactgggtt tcgaaatctg cactttatgc agaattttgc 120
tggtgaaatg tgcagcagaa ttttgtataa gtgcagaaaa atgcttgtgt atggctgggt 180
gtaaaaaggg tagtacatat ggggttctgg acatttgcta gcagatccca acgggtcaaaa 240
tttacaccta tgtactagag acttccggta aaattttaga gtcgatccga cggttaacga 300
attggaacga agaaaatgtt actagagtat ttgtatgtga aaagctgtga ttttgagttg 360
tgctttgggc agagtgtctg cctttgccct gttctgcttg gttgtgttag tacatgatga 420
tgggatgtgg aattacct 438

<210> 1108
<211> 469
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1108

ctaagctctg ctgcaatatt acaatagacc tcctcaacct cagcagctaa atcaaccacg 60
gtagagcaat tatgacctct ccagcaacag atacaacctt ggatggagga atcacccctaa 120
cctcagatgg tccagccctc agcaacaaca gcagcagcct gctccttctt tccaaaatgc 180
tactggccca agcagaccat acattccttc accaatctca caacagcaac aacctcagaa 240
acaaccaaca gttgaggccc ctccataacc ttccctcgaa gaacttgtga ggcaaatgac 300
tatgcagaac atgcagtttc agcaagagac cagagcctcc attcagagct taaccaatca 360
gatggggacaa tnggctaccc aattgaatca acaacagtcc cagaattctg aatagctggc 420

cttctcaagc tgtccaaaat cccaaatatg tcagtgccat atcattgag

469

<210> 1109

<211> 585

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1109

ctgtacatcc ttactngact ctaacctcac tattccctca atactaataa ctctcacacc 60

actcaccatc cgacgctgac acattganga ccgtcgaact gtagccgcg actctataca 120

tgctactgcg ngcatgctag catgcttgag gtgctgttat ggacgctgta ttacaagct 180

tcaatgaggt cctttaatgg cgaatctcca ccacggagat ggagcacaag acaaaggaca 240

agaggcgaga gaacgctcta tgcactaggg aataagccat gtgaagaagg agcttcacca 300

ctcagacgag cctacgataa taatctcgga caggatgcta caatggagga caacaagaa 360

cgatagatag aaagaggggg agcaccaa atgtagaaga aaaagggaga gaagttgaac 420

ttcgacgtgc gcctcacatg actctcattt ataaaagtac cactgaggct acacacgcta 480

ttatatatat actacgaacg cttcttgaga ggcatagacc taagatacac atcacgcttc 540

ttatagcgaa gcgcacctcc ctcgagaagc tcccttaaca cgacg 585

<210> 1110

<211> 368

<212> DNA

<213> Glycine max

<400> 1110

cgcgcgatga tcccattacg gcttccccta agctctctgt cctttcttca cgccgcatcc 60

catgccttgc gaactccttg gactaccctc gcgttggtgt cactgaaacc ccgtgcgatg 120

aaaggcgtga tgctttcgtc tgatggcact cctctcatga ggtagccaag ctgtcttatg 180

gcgaggacgg gattataatt aatacaaccc cttgttccca tcaagggaac atttggacat 240

ccttcgcatg aagatagaat cctgaatctt ccttcttcta gcgagggacc cattaacaga 300

cgccccctct gctagccaga gttgggtccca tttcgcttct cttttcgacc acacgggtgac 360

cttgagcg 368

<210> 1111
 <211> 459
 <212> DNA
 <213> Glycine max

<400> 1111

ctgattgtat tttagagtga gtatttatgt caactacagt cttgctaggg tcaccacaac 60
 caatatatca acctaaagtt tatgagcaca gtcattgtag attttgtacg gacatgttat 120
 tcacttgtca aaattagtcc taattgaaga tagtaaataag gaaaagttgt aaggactacg 180
 aatgtggtaa tcagcgtcgt caaaattatg gagcatgtga agttaatgtc ttgagaatga 240
 ttactttttc ttaagactga gagaagctag atcagttttt tgaatttgac ttctctatta 300
 tcccttttca ttctgtccca tgaaaataac attgcatgac atgacaatta tattaatatt 360
 taattataac atttaattct aaaaatcatc aaaactgtat aattttaaaa ggacaacaca 420
 aggacaagga caaggacagt acaaggaggg acaatagac 459

<210> 1112
 <211> 185
 <212> DNA
 <213> Glycine max

<400> 1112

acaaaagagg atcttttgca tatctatctt atgtaccgga agctccacat tcattatgac 60
 tgaattatcg ctgatcacat gttggctacc cccatgatcg tgtacctaat atgtgcctta 120
 gccatattta acactacgat aactgactac tacataattg ataccataa aacctttcca 180
 gctgt 185

<210> 1113
 <211> 612
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1113

tctctctcta actaccactc aacactcgtc acataattct agtttatatt gctataacag 60
 atacctgtgt atcgcatact cgcactctaa ctgcgcaact atctcacatc cctacacat 120
 tacacatctt aatcactcta tatctgttcc acctactaca ctcgataaca catatttctt 180

cttattaaac ctatacatct acaatctcta tгнаactgсg aatcacccta acctcagatg 240
 gtccagccct taataacaac atcatcagtc ctgctcactt gctttccaaa catgctacct 300
 aggcccaaca caagactcat tacattcctt cctaccaatc acaacaacta gcaactaact 360
 ctctagaaac aacacaacac attgaggccc ctctataacc ttccttcgaa gaacttgtga 420
 ggcaaатgac tatgcacaac atgcagtttc atcagatac caatacctcc attcatagct 480
 taaacaancc gatgggacaa ttggctaccc aattgaatca acaacagtcc cagaattctg 540
 aatagctggt cttcttaagc tcgccaaaat ccataaatgt catgccatat cattgacgtc 600
 gctacacaat ct 612

<210> 1114
 <211> 394
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1114

tgtgtaagtt attatcattn gaatttctca cgagcttccg ttgttcaatt tcgagcctct 60
 cgacatatta tgcgcccgaа tcggacatac gtgtgaaaag ntatgaatat ttgaatttct 120
 cgagagtttc cgatgtttaa tttctagcgt attgatattt ataagcttga atcggatata 180
 cgtgtgataa gctatgacca tttgaattta tcagagcttt ggtgttcaat tctaattctct 240
 ctcatataag cgcccgatcg cgcattcgtg tgaatgttat accatttgaa ttacttagag 300
 ttacgatgct taattcagcg cttgtttata tttccttgat atccttcttg tataagttga 360
 cctctctgcc tgcacatctc tgtgatataa tagg 394

<210> 1115
 <211> 372
 <212> DNA
 <213> Glycine max

<400> 1115

aaagctctcg agaaattcaa atggtcataa ctgttcacac tgacgtccga ttcaggctta 60
 taatatattg atatgctcaa aaataaacat cggaagttct cgagatattc aaatggctcat 120
 aatctttcac atggatgtcc gattcggggc cataatatgt cgagaggctc aaaattgaac 180
 aacggaaggt cttgagaaat tcaaatggtc ataacttttc acacgagatg tcgattaacg 240

cttataatat atcgatacgc tcgaaattga acaacggaac tcttccaaaa tatagatggt 300
cataacaatt accatgatag accattctgg gcctctatctt tcatcaggtc gaataaacia 360
cctagctctt cc 372

<210> 1116
<211> 438
<212> DNA
<213> Glycine max

<400> 1116

agcttatata ccaccagcat cgttgtaata gggctgttga tggaacctct ccaaagcaa 60
gctttccgca tgacttacgg aaagatctta gagttgacct tagcagaggt atccatagaa 120
accattgcat cactcaccia atactacgac cagcctttga gatgcttcac attcggagac 180
ttgcaattag taccaaccat tgaagaattt gaggaacttc taggatgtcc tctcggggga 240
agaaagccat atctttcatc cgggtgtctc ccctctttga gcataattgc aactgtgggc 300
taggatacaa caagaggttt ggaccgcata aaacagactc ggaacggcat agcgggccta 360
ccacggatgt acctagaaga caaggcgagg ggtatggcca atcaaggaga ttgggtcccg 420
tctatggata gtgtagct 438

<210> 1117
<211> 368
<212> DNA
<213> Glycine max

<400> 1117

atatgcgcat acttccttac atacgttgtg tagcacaaga cattatatta accgtaaaat 60
ataatgcccc catctacgat caaggcagct ccgacaccta aattatttac acgtacttgc 120
aacgtgtaga tgatacttac atcgacaca tgtccttggc taaattgaca tacaagcata 180
ctcaaaacat tttgggttac gcaaaattgc aactgtgca cattatggca tttcttaaac 240
ctagacatac actaactcaa tgatgaatct tgactatcta cacaatacgg tgctacatgt 300
catgctcttt tcacatttgt gtcacctaac accgcatgca aattcaagta tatcatcctt 360
tgctgact 368

<210> 1118
 <211> 494
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1118

cgcgctgacc ttgtgaccct gtgtgcgcga gcttaagaca acccagcatg ctgcttgttt 60
 gataaagaac atactacatt gtcgttgagc tgaagagacc cgcattacgt aagcctgtgt 120
 cttatatgac acacatatta gcttgactta tatatggcaa gggttggcgc atgaacatat 180
 atatgaacaa tggatatgac tgctacgtac gcctctctat ttcattggact tgacatcata 240
 cgagttcttc tctccccctt cttgctgcta agatagctaa cgaatatcac tgacttatgc 300
 actgcgacaa gaactgccat aactactga actatcacia ctctgagtcc aacatatacc 360
 ttgggtaaca ttattatgaa cttctcaagc cagggagAAC cttgagcaag ataccgagta 420
 ccgggatgac aatgacaagg atctgagatc catctttact ggttctatac tgtcatgatc 480
 actacgcacg ttan 494

<210> 1119
 <211> 222
 <212> DNA
 <213> Glycine max
 <400> 1119

tctcaatatc tgttcttgag tctttaacgc gctctgaccg gttattgaag ccgtgcttgt 60
 cgctgaaag agtgataaaa gaataccac cgagcatatg tgggtgcacac tcatttactc 120
 actttacaaa cgaactctgg ccgatcgtgc acgctataac ctacgctaaa ccgctgagag 180
 gaaagtatgc aatgtatctt gtaacatggt tgttaactga tc 222

<210> 1120
 <211> 423
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1120

gtatgatacc tgttaacttt atgcccaccc cggatttcga cattctcaac ttgaaacagg 60
 gtttaggggt gggggaacat aacaaaagcg tttaatcgga atgcattgat agtttaagta 120

ttttataatg aaatgcaata tataactaata tagtcgcttt tcctagcgat tcttctaata 180
 catatatttg agatgattat gtaaaaatca ttatattaaa ttagtaatgt atcaaaaacta 240
 aaattctaaa tatatgttga ggcattgactt aatttatgtt attttatcaa aataaactct 300
 aaaatttatt ttaagaagct ttaaggtaa cactataata taaactatnt agtgatacta 360
 aactcgctca ttcattgatta ttgtcgcgt tacgaattca cttttactat taactcaaaa 420
 agt 423

<210> 1121
 <211> 412
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1121

ttcattgggct aagtaatata aaaagctctc tctgatatag taccagattg cttacattgt 60
 aaagcttcat acgatacata ctanaggtac ccaactttgg ccatatgggc caatattact 120
 aaacaataga aagggattta taaagttatt tctcagaact gaatagatta gagctaaacg 180
 actatctatt acctgagata tgttgatgac aattacgtct acacaaattt tgaatatatg 240
 ttcttctatt gttgaaatca attaaaaatt ataaaaattt gtcaatatta ttgcttccta 300
 attaatactt tctataattc tataattgat aatatgtgcg aactaactaa taaaacagaa 360
 tgttttataa tatactacca tgtagaaat acttatatac tatcagtttc at 412

<210> 1122
 <211> 392
 <212> DNA
 <213> Glycine max
 <400> 1122

agctagacca atcctgaccc aaccggggca tagttaatca gtgataacct gtgatgtacc 60
 taaacaggcg agctcctggc agtcaaccga taaggggaac aaagaccaca aagcatggag 120
 gcttggtgtg aggttggcca gctgcgaaac ttgtattgat atatgggata tggactctgg 180
 taatcgatta ccaaggggag taatcgatta caaggcttaa aaagtaagac aggagactaa 240
 gatggtctct ggtaatcgat taccaggctt gaaaactaga tcatgaagct tggaggggctt 300

ctcgtaatcg attaccatgg cgtgtaatcg actaccaggc ttataaatga gacttgaatg 360
 ttgaaggagc ctctggaaat cgataccaag ct 392

<210> 1123
 <211> 379
 <212> DNA
 <213> Glycine max

<400> 1123

tggtgaggta gccatggaaa agcagagcgt ttggaatgat ttcgtaaatt tcagaaggct 60
 attgtgaaat gctggtaaaa acacgaatgc caagcagata taaatttgaa tgaggaatgt 120
 atagggctgt gtgaagcaac ggtcgaattt tccttggttc agtagtgaac gtgctattaa 180
 tgttaagtga ttcgtttggg cacgttcaga ttgctgtagt tgctataatt cctctagcac 240
 acaaatgccc agcttgcccc tcagttgttc aaactgattt gcatccaaag cctttgtgaa 300
 aatatctgct attctgtcct caatgtcaac atgcttcagc gtgatcactt tatcatcaac 360
 aagatctctg atatagtgg 379

<210> 1124
 <211> 449
 <212> DNA
 <213> Glycine max

<400> 1124

agcttcgtcc gcagatccct catgtaagac tatgtctaaa ctattcaaca ttatgtaaca 60
 acataattaa aacaaaaact taacccgcag atccctcatg taagactaag ttttgatcct 120
 gcttcaatca agttctaagg caacagtaca tttcccaatg ctaaagtcac ctaactgtga 180
 acacaaatgg gtgatcagac caaaagcata ctaacatcaa gcattgaagg aagcattgaa 240
 cacagaatac acaatcaatt aggtattagg tatttacatc atctgttcat ttgaaatccc 300
 caactagggg gttccgccac ccattacaga agagacccta tcaataatta gcttactaac 360
 cctaggtatc tctgcaaaag ctgctcctct tgctacctcc agagctcctt tccctaaata 420
 ggcaatgtgg ctgctgtgga attttgtgc 449

<210> 1125
 <211> 459
 <212> DNA

<213> Glycine max

<400> 1125

cgccacccag ctgcccag cgagcaaggt ttcttcctcc agaagcaaca gccttctgga 60
ggaatcttct ggagggccca agtgggtctg gttgctatct gcaccccat ttttactaaa 120
tacacccct gccttttttt ggtgattctt ttttcgtaaa gttacggaaa cttacgaatt 180
tcgtaacgat acttgttttc tttccgtaat gttacggaac cttgcggatt acataatcat 240
cccttttttg acttacggaa tggttacgaaa cctcactaat tgtgcaacga tgcttccttt 300
tgatttccgg tgtgtcacgg aaccttacgg attgtgcac aatattttct tttgatttcc 360
ggcacgtcac ggaatttcac aaattgccta ctgatgggtg ccaagcacct taaaaatgac 420
caaacacaag ttgcatgcca ccaagcacag gtccttga 459

<210> 1126

<211> 461

<212> DNA

<213> Glycine max

<400> 1126

gtcacctgca gctgcagcta tcatgccctc acacaatact ttgtatgtat attacaccag 60
agatgtttgt ttcacccag gtaaaacaat atggagttat caagcatttg cccggaattc 120
aaatgatggg tcaggacgag gctgaatgat tattccatgt cctatggcca attgaacagt 180
ccctttgaca agtgtttcgc acaagggtt caaggattta tattctttca ttttcccaa 240
gatacagagt gtcctatatg agagagacag gaattgtatg gtttaaggac agaccatcac 300
ccatgcaaca gtccaccagt catacataga cactattagt atatttctct cttacatcat 360
aacactgccc tattcttaag agataaaaaa gggaaaggat ccagaatcag gacgcaatac 420
ttcacatttg ttcataccaa ttcacattgg cctctgtca a 461

<210> 1127

<211> 449

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1127

tatctgggtca aggtgaaata aaaatggtct ttcaaactaa tagttgccag attcaatatt 60

ctatatatttta atccaagtga acacttccat aaggttttggg tcagttttcta tcaagaacat 120
 acatcaaata aaggatgcac agctttttaga taaaaagttt atgaactcca acatacctgc 180
 aaaagacaac tacattcgac tcgtttttttt gatacactgc cacaggtctt tataacattc 240
 ctgtagaaca gctttctcaac aacaatgaca ttcagatggg tgaaaatatc aaaaccagac 300
 tgcttgagtt tatcatattt atcaatatga aatttatgaa tgtagcgctg ggcatatggc 360
 agagtccagt ttaccaatga ctntttcaaa ctacaatcag caagaccata atatattggg 420
 tcccagagtta ccacctgcac aaagtcata 449

<210> 1128
 <211> 457
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1128

ctcatcttta tttcgttcat tctcgatttc tttcttttg tctttaacgc gcttttacgc 60
 tttatttaag ccgttttctc acctaatata tgataaatg aatttcaacc gatcatttgt 120
 gttgtaatct cattcaatca cttttaaaac gaaatctaac cgatcggttca cgctataacc 180
 tcggttaaac cgaaaaaagt aaaataatca aaatatcttg aaaaataata ataaaaaat 240
 caaaatatct tcgaataaaa taatcaaaaa aatcaatcgg acgttnttct ttggaagttt 300
 ccttgaatga attgattaat aactaaagtt aaattaagac taaaatcaac tcacaaatca 360
 agttttgtcc gaaaaatcac taaaaaccgt ttaagggtcc aacgccttaa gcggtcctct 420
 ttgcttttat cggttaacat ggaccgttca aaagcat 457

<210> 1129
 <211> 338
 <212> DNA
 <213> Glycine max
 <400> 1129

atgacaatgc ttaccaagtg gagctggccg gtgagtataa tggtaatcc aactacaatg 60
 tctctgattc atctctttgt gatgcatatg gagaatccga tatgatgact aatacttctc 120
 atgacggaga gaatgatgat gacgtgacca caagcaacgg cagggatcca cttaacgact 180

tgtatgacct atgacaaggg ctacagcaag gaaagcctag gacgctcttc tacaattgct 240
gtccatacta tgccaataca agctcaagtt tgaaagagaa aagtccatgt tgtgacttga 300
tcatggccca tatggaagac taaataacac cactttat 338

<210> 1130
<211> 414
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1130

ttctacaatc tegagccttc anataaccct cctcaccttc ttccgcatca ttatcatcag 60
tatgaggacg aatattacat tcttctctat gccaaatttc agattgatct atccggtttt 120
cctcattggg ctccacctca atgctatcct tttctgagct agcatggacc accttatctt 180
ctgcacgtgc ctttgtctta taaaccattt cagactcatt aaaaataaca tcatgactta 240
taatgcatct tttgtgtcct ggctctaaac accacaatct gtaccctta aaaccctgag 300
gatatcctat aaacatacac ttgatagctc taggttccaa tgtgtcttgc cttatgtgag 360
cataagcaac acatccaaac accctacgtc tatcattatt tggaggatgc cctg 414

<210> 1131
<211> 435
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1131

ctcatctaca ctgtacttct atataatttg tatgacatag tgcattgatgt ataattgatgc 60
ctatagtctc gagatgaggc atatacaaat tgctatcttg aaaacctaag accatgcccc 120
ttaatgtgat aaggggacat aacaatcaac atgcaaagga taaatagtat acatgacaaa 180
cctgtactcc aaatgtcgga cactattact tggcttctac aaaagccaag tncaattagg 240
atgtacaaa aaataaagac ctaaattaat caacagtga acatcaccta ctaataaaga 300
atacaccgac aatatggtag ggaaccacac aaataaagtt ggcatthaaa gtcaccaaag 360
agatgaagag aaaacatata ttgccatcat ctgctccatc atatggtaaa cactactaaag 420
ttaggaaagg aatga 435

<210> 1132
 <211> 438
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1132

agctttcttg cttcttagat ntcattcctg ttcttggtta ctgttatcgt ccattcctaa 60
 aactgccaca tcacaactta gatcttaatt gaatttttga gcttaccgaa ccatattaaa 120
 taatttcaga ttagggacta tactgattat ttcaactggt gttttcatat ggtgtttatt 180
 tgtgcatggt aatctccctc atgacattct gttattcatc attgtatcaa cgtaacaaag 240
 aaaacagtat tattgtgttg tgcaccaatg ccacaattaa agaggggccac cctgtactat 300
 gatatatagt tacttatggt gtctttcttt cacaacaaat atgttggttg attattttat 360
 tatctatgta gttgtttggt tattcatatt tcttcctggt attgatttct tcagctggag 420
 acgagttctt cttacata 438

<210> 1133
 <211> 380
 <212> DNA
 <213> Glycine max

<400> 1133

aaccctacat ggagtgattt gctacatcta aatagtaata acatagacgt ctgttatgcc 60
 gctttaaaca cttaaattt ataaacatac tcaaagagaa tgctgctcct tatctataat 120
 taaggggttca atatgctcct tctacctgct ttaattcac tctgattcat tcaagtgtgc 180
 ctactatacc acatgactat attagatacc tgtctgacag cttttctact tccactacct 240
 aactatatta attatgtgtc atgcagcatg actcatatat taccacgtgt cattaagatg 300
 acatagttag tatgcatggc aatattgact tgatctaata cggatcacag tgaatctttc 360
 aaaacttaag accactttat 380

<210> 1134
 <211> 380
 <212> DNA
 <213> Glycine max

<400> 1134

acatcttaca tagcgagttg atctctctct tagcgcgcg ccataaatct tgtgctcttc 60
 cagatactct catgctgcta agcacgctgt atctacgctt aacggtagat gctagctgag 120
 cccactggat ccgcttateg cgactgctcc ttgtggaagc aatgacttcc aagagtattt 180
 tgatgatgcc aaagaatcaa gagtcaagca cgttccattg aatcatgact ctgggttgctg 240
 gaagaacctt gtttctgaga ttcacgattc aagaataatc aagtctcaag aggcaatcag 300
 gtctcatgaa taatcaagac catgagtcaa gactgttgat tcaagacca tgagaagact 360
 caatcgggat aagcactaaa 380

<210> 1135
 <211> 333
 <212> DNA
 <213> Glycine max

<400> 1135
 tgctaacag gccaaacttac aacagcatgt cccaagagtc tcagctttat gatgcacata 60
 ccaaagttga ctatgtgaaa ggatgttatg accaagtga ggtgccattt gtcaagaaga 120
 atgatggcta tacctagcat gctacatga tgatgtacga agtgggttctt gaacacgatg 180
 atgatcctgt acatttgatg gctaattgtc ttcaagaatg atggaatgat gagaatactg 240
 attctgacca aatacaggct tcaggcgctt gaggagatgg acacaccctt ggagtggaga 300
 atgatgaatg cccatatgga gaatgataat ggc 333

<210> 1136
 <211> 433
 <212> DNA
 <213> Glycine max

<400> 1136
 agcttgtgat gttgttgta gttgggttgg cctctggctc tttcacttat agggacagta 60
 ttttgtattg tgttatgttc tgtaatttcc ttggctctgg tacaagtctc taactaatgc 120
 tctcatgaat gaaatatact gttattaggt gatccttgaa cagataacca gttcccatg 180
 gaacaacttt ttgttcatga tgtactatgg cttgggtata gaagctatgc tcattcataa 240
 aatatgtttg aatttgtatg ttacgttacg cctcaattta cacataataa ttttgaaata 300
 tttccattaa agcttaatgt catcttttgc ttgttaaagtc tcttctgctc tgcacccgac 360

atccctactc aaaacaggaa ccattcattt ttttgctctt ccttaattac ctgcttttat 420
gtgtatatca tga 433

<210> 1137
<211> 436
<212> DNA
<213> Glycine max

<400> 1137

attctttaca atcaatctat ctactgaata acaattctaa atgtaagtcc acattcttgt 60
tctttctttg tttgacatgc acatttgctc aacttcatga aaggaaacac aaatctcatc 120
ttaagcatgc attcaattta aaacaaagtc atacaccgt tttcacaaaa agataaaaagt 180
gtttcactgc catgtcatct aaaataagtt aaactgttca aaatgcttca agataagcat 240
aataattatt catatataaa actagtagta tatatagaca taaaggaaat actgtacgat 300
aaccaaaatt ataataataa taaatcaaaa agtgaaaagt gtcaccagga attaaaattc 360
ctgtgactag tcttgagtct cctgtgtttg accatcctcc tcatttgtca gctgaagaac 420
tggagtagtg ggagga 436

<210> 1138
<211> 280
<212> DNA
<213> Glycine max

<400> 1138

gtagacagtc caccgcttta tgagcgcttt acaccagtag cgcttcgagg ccatcaaagg 60
atggtcgctt cgacgggagc gacgcgtcca actcatggac gacgagtata ctgatttcca 120
ggaagagata gggcaccggc ggtggacatc actggttacc cccatggcca agttcgatcc 180
agaaatagtc cttgagtttt atgccaatgc ttggccaaca aaagagggcg tgcgtgacat 240
gatgtcctgg gtaaggggtc agtggatccc gtttgatgcc 280

<210> 1139
<211> 354
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 1139

tctatataag ctgaaccatt ntatcagtgg actcaagtgg tgttttcttc gcaaactaag 60
agtctatctc ttgtatccta ctgagagtga ctctgcatat ttcttgagtg ggtcaagaac 120
accttggtctg tcccaaagga ctttatcaac cttagtgggt cgccctcggt gggacgagag 180
atgctttcct tccgtttatc gtctaccttg ttctttcaaa tcacaattgt agataatacc 240
tcctatgaca ataaatatct tgtggtccta actctccttt tatgcactcc actttcgtga 300
ttgatgggcc tcaaacgaac tcaaaacgat accttgcacc tcatatggga atga 354

<210> 1140

<211> 434

<212> DNA

<213> Glycine max

<400> 1140

agcttaactg ctttgtaaaa cgaaatactc gatctatata atctttgtta tcattaaata 60
tatttcaaac tagttcaatc atatgcatca aagtatgaaa gctttcaaaa aaacatgaaa 120
accttgaagt agtattctaa acaatatttt tctgagtaca atattatgaa aaataacttt 180
ctaagtgtag tagcaacata ataagaatcg ttataacata aactaaattt gtcataataa 240
caatgttttg agagatacat ttatttatgt aatgatcttc taaacaagag caaatgcata 300
ttgacattag gttctcataa tcaagtcaaa cattgaataa tgagtgttat gactaaccac 360
ttagagagct tagttgtctt agtacttgaa cctctatgtc aagaatttct ggacaccaat 420
gtagtcttga ataa 434

<210> 1141

<211> 425

<212> DNA

<213> Glycine max

<400> 1141

atactgcatt gttgactaat tgttggtggt gttatttaca tctattttca gactcccaat 60
ttgcagattg agttttgggg ctgctttctt gctgaacaat gtttggtgga ctatgattgt 120
ataatatcct tgtcttctat cgcggtgctg tctgttatat ttcttttcaa acttattctg 180
gctctgaatg catacttaag gaaatattat gttatggata atgatataca catctcttta 240

atggaacgat attacccgtg tttcaacgca tgtgttctca tgtgatgaat tgatgattaa 300
 ctgttcgcca atataataaa attattgctc tttactctaa tatatatagg taacgactta 360
 atgttgaaga ttagagaagg tgtatccctt ctactccatc accattaact atcagctacc 420
 ttctt 425

<210> 1142
 <211> 453
 <212> DNA
 <213> Glycine max

<400> 1142

agctggcttg tggagcttct atggaggttg gatcttcgag cttcaatgag gtcctttaat 60
 ggtgattttc caccatggag atgcagcgga agacaaagga gaagaggtga gaggaggcgc 120
 catccactat ggaataagcc atggaagaag gagcttcacc actaagatga gccatggata 180
 agaagcttgg agaggatgct tcaatggagg acaagaaaga gggagagaaa gagagagggg 240
 ggagcatgaa attgaaggaa gaaaaaggga gagaagttga actatgagtt gtgtctcaca 300
 agactctcat tcatcaaagt tataacaagt gttacacatg cttctattta tagactaggt 360
 agcttccttg agaagctatc ttgagaaaac ttccttgaga agcttctttg agaaaactgt 420
 cttgagaagc tagagcttag ctacacacac cct 453

<210> 1143
 <211> 459
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1143

catgtcctgg ttacatactt acatagcatt aatcacaaca tacacgcca taaatacttg 60
 gtaacaagga attataccct gcaaacaag ctatttgaaa tggaaccacc tcccctaaac 120
 ccaagtataa gttaataggg ttaattataa aatttgtccc cttattttct tatttcta 180
 aatggatcct ttaagggaag actagaattg tcttttggag taaaaggat actcttttat 240
 cataaaatta aatcttatat attacat tttt aagagataat atatttatat ataaaaatat 300
 aataaattaa aaaaattaaa ttttgaatta tttttcttaa aacttacatt aatactatat 360
 tttgtaacat atattttaa atgaacactntg atatagtgat aaaagaatat atttcttctc 420

tcanagatca tgattcatta aaaaataaag tgatgaaat

459

<210> 1144
<211> 333
<212> DNA
<213> Glycine max

<400> 1144

accacagagt ggtacctgta gatatgtctc gggggtcattg agaacctggg gacgtcatgt 60
gggggtgctat tgcccaaaac caagcttgac caatcccgac ccaacccggg catagtcggt 120
cagtgagaac ctgtgatgta cctaagcagg cgagctcctg caatcaacag ataaacgata 180
acaagaccac aagcatggag gcttgtggtg gctggccagc tgtgaatttt gtgtaatatg 240
tggatggtgg cctctggtaa tcgattacca aggggtgggtg atcgattaca ggcttaaaaa 300
tgaagacagg atgcatagat ggtctctggt aat 333

<210> 1145
<211> 461
<212> DNA
<213> Glycine max

<400> 1145

cggagaagat gcttcaatgg aggaaaagaa agaggagag aaagagagag gggggagcac 60
gaaattgaag gaataaaaga ggtatagaag tggaactttg aagtatgtct cacaagactc 120
tcattcatca aagttacaac aagtgttaca catgcttcta tttatagact aggtagcttc 180
cttgagaagc tttcttgaga aaacttgctt gagaagcttc tttgagaaaa cttccttgag 240
aagctagagc ttagctacac acaccctct cataactaag ctacacctct tgagaagctt 300
ccttaagaag attcctaaag aagctagagc ttagctacac atacctctct aatagctaag 360
ctcacctcct tgagatgaga agctagagct tagctacaca cccctataa tagctaagct 420
caccoccatg acaacaaca tgaaaataat ataaaagaag t 461

<210> 1146
<211> 347
<212> DNA
<213> Glycine max

<400> 1146

tttaatagtc attgcaccag atctaaccctc tgcacacagag gctggaagcc ttctcaaaaa 60
 catgaaaacc ttgaagtagc attcctaaca atatttgtga gtgttctata ttgagaaaaa 120
 tgactttcta agtgtagtag cgacccaatg agaatcggtg taacataaac ggtactcgtc 180
 attactacaa agtggtgaga gaggcattca tttatgtaat gaagttctag gcaagagcca 240
 acgcctattg acattacggt ctcattatca agtccaacac tgtatcatga gtgtgatgac 300
 taaccactta tagagcttag ggggcttagt acttgaacct ctatgtc 347

<210> 1147
 <211> 696
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1147

acgcgctcca cntctcgctc cgtgntgttt antgcanttc attacctccc gtcgacagta 60
 atatttgatg tgtgcntctc tctacgctca tgctgtact actcgtcgtc tactcccgtc 120
 ntagtgact gactcatant cgtacactct cgctcattnt atcgctatca ctacatgact 180
 tactagcgta ctcttatgag tgtctctcac attctctcta ctctcttata tctatcgat 240
 ctttctcatg cacatcttct cttcatctct cggatacgta ctnnnnccgc tctcctctca 300
 cgcagatagc acatgtgtgt gctctcgatc atacatatgg ggtagaatat ctcgtagacc 360
 ttgtgcttgt cggtagacag gtcagagttg tgctttata caatatatga cttgtttaga 420
 acagctgccg tctatgctta aatattatta tagcacatgc tcctgctttc tcgttggtgtg 480
 gacgactaca ccaatgttgt gacatgctgt atcttgcac acatattcat gtgtactcat 540
 gctacgcacg gtcctttcac gcgcttcatg ctcatgcata cctaaaatca tcatacacgg 600
 tctctcacia tgtggagtca acccatacac actattatca tacctgcttc tttagaatct 660
 attgatacct ttcttggtga ccctacagat actcct 696

<210> 1148
 <211> 422
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1148

cattatttga ttgaaatata tccattatat tttaaaagtc ttactctctt tcaactgcaat	60
tactcctgct caagtaagat tatctcttat gtaaaactca ttcattccatt tgggtcaaaca	120
caccatgaca ataagtttta ttatcttgaa ttctttttaca caatttcatt tgtacaagta	180
tgcattgagtg tatcagattt tagtgcttga gtattttaaaa aaatataatt tttgtcccct	240
tatgtttcta aatctgtaat tttagtcccc aattntttta ttgacatatg ttatctctca	300
cttttttaaaa aaaatcataa tttcagatca cccgactaat ttcaaagtgt aattgtgtac	360
tttgtatttt ttttctttta attaaactta ttagtaatta aatacataaa aaaaaatact	420
ct	422

<210> 1149
 <211> 429
 <212> DNA
 <213> Glycine max

<400> 1149

tggctgctgt catcatgtgc aagcgtcgcg atatattacg ggatttagtc agacttccga	60
gtgaaatgtt attgtcgatt gagatagctg cgagcttcgg ttggatatgg cgagcgtctc	120
tatatattgc gggactcaat gagacttact agtgaaatgt gattgtcgta cgcattcgct	180
gctacctatg gaacaacaat tcgagcggct gacatattgc gggactcaga cggacttccg	240
aacgatatga tattgtcgat ataatatgct gagagcctcc gttataaaca tctagcgtat	300
cgatatatta cggcactcag tcagacgtcc tagtgagatg ttaaagtcgt tcgaagtcgg	360
tacgcgctat ggctattaat tacgagcgtc acgatatatt acgggactca ttcagtcctc	420
cgagtgatg	429

<210> 1150
 <211> 438
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1150

agctcgtagc ctattcgaac aacaataact nttcactcgg aagtctgatt gagtcttgta	60
atatatcttg acgctcgaat agtaagaccg aagctcgtag cagattcgaa cgacaataac	120

atgtcactcg gaagtcctat tgagtcccg aatatatcga gacgctcgaa ttttaaaacc 180
gaagctcgta gcaaattcga acgacaataa catttcactc ggaagtccta ttgagtcccg 240
taatatatcg agacgctcga attttaaaac cgaagctctg agcatattcg aacgacaata 300
acatttcact cggaagtcgg attgagtccc gtaatatatc gagacgctcg aaatttaaaa 360
ccgaagctcg tagctaattc gaacgacaat aacatttcac tcggaagtgt gagtgagtcc 420
cgtaatatat cgagacgc 438

<210> 1151
<211> 508
<212> DNA
<213> Glycine max

<400> 1151

agaacgcgca tgaaccatga gaacatcgag atccgagata ctctccaggc gagctgacgc 60
gtgcgagctg aagatgtcac agtgaacttt ataagcttat gtgctggcca gcatagggga 120
caatcgacta tgtatagcca acgtattatc ttatgagata aggtgtgatg acggtccttc 180
cacattatat tattccatgg tagattgatc gtctccgctc aaaggaaccg cttgttagag 240
tcaagaatat tgagcgtcgg tcaacgttat attataagta gacacctata gaggaactac 300
cacgttatat tgggttaatt gtggtatagg cccctatagt tgatcgaatc ggtcattaca 360
ctcatttcct ctagttatgt ctactgaact catgctttat acttttacta tgaatggaat 420
ttaacacacc tcttatataa ccgtccaatg tataacaaca ttacgagaca tggatgtcat 480
tatagatgat atgaacctac actgctct 508

<210> 1152
<211> 380
<212> DNA
<213> Glycine max

<400> 1152

aatggatatg gttaggtgta tgttaatcaa ttagacttta tccgtatcct tgtggatgta 60
taccttgaaa actgccatgt agttgttgaa cagggttcct agtaaggtag ttccaaagac 120
accttttgaa ctgtggacaa ataggatacc tagtataagg cacctgcatg tttgggggtg 180
ccaggcagaa ataaggatgt ataatccgca agaaagataa ttggatgcaa gaacaatcag 240

tggatatttc attggttatc cagaaaagtt aaaaggggat atgtttttatt gttctaataca 300
tagtatgaga attgtcataa ctggaaatgc aaggttcatt ggaaatgatg aaatcagtgg 360
gagtacagtt ccacgagaag 380

<210> 1153
<211> 412
<212> DNA
<213> Glycine max

<400> 1153

acactcacac atatacttag ttcaaaattc tatgattaag agcatatata tactgaaatt 60
aaattcatac acgcacagat gaacacaaca caaaggtttc tctgtcagtc ggagttgtaa 120
tttttttaggg tgttataact atgtatagtc atttacaaaa ataccctcca cttgtaaact 180
cttatgactt aattatccct tttatatctc aagatatcta ggatgaccaa taatcaacct 240
taattatccc cacctaattg ctaaccttac attaatagact aagttcttct ttttaagcttg 300
taatttgtat atctagacca agatctaatt atttacaatc aggtcattaa tgagttgacc 360
attatttgac caagaaaatt ctctaaacta tctttattct atgtagaagc tt 412

<210> 1154
<211> 408
<212> DNA
<213> Glycine max

<400> 1154

tatacaagta ctcttgaggt ttcttccatc agagcctcgg tattgagctc ttaatcttct 60
ttttcttctt gtattcctta ctggattcgt gcaaacttct cattcatgga tccaaaatct 120
cattttcatt cttacaagct tgaaacatca aggatctaag atctttgttc atctaataaa 180
atacatgtat cttcatcaac gtaaagagag tctctccaat acttaaacc ctaacttggc 240
gtctttggaa gctaaccctc attgaatgtt gtttagatgt tcaaaatttc atagctactg 300
catatgctgg aactgtatca tgtgttggtt ctcttgtaat cttaacgcaa aaaatgagat 360
atttgagtgc caatacttac gcgtaacctt atatctcacc tacctcat 408

<210> 1155
<211> 392
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1155

gcattacatt attactcatg cttctaacca tgtctaatat tgttngattt ctgcgttctg 60
ccacaccatt ttgatctgga gaaccaagca tcttgtattg tgcaaacactc ccatgttctt 120
gaagaaactt cgcaaatgaa cctgggtgctt gtccatcctc tgtgtatcta ccataggact 180
ccccaccttt atgtgatctc acgatcttaa tatgttttcc acattgtgtc acatctgcat 240
ccttaaaaac tttaaaggca tctaaagctt cattcttaga atgaagtaag taaagacaca 300
tatatcgtga ataatcgttt ataaaggata tgaatactct ctgactagtg gcattcatgt 360
ctgggcaaag tatgtctgta tgtatgattt ct 392

<210> 1156

<211> 412

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1156

tgaatgaaac accactgtca ttgagaacaa tggatccatt tttaaaaata atacctaata 60
tgtattcaca actgttgact gcttgctcat ccagaatgcc atagttttat gaatacttgn 120
gttgatactg aaacttgtgc tttcttacag ggttaggttg tgccatatat atagatgact 180
tttcatatca gtgctgcatt ttttaaagat taaaaataca cctgctcatg ctttctgtat 240
gtgttgtcaa ctacaccaat gatgtgacat gctttacctt gcatcaaata tgcattgtga 300
atcatgctat gcatgagcct ttcacgcgct ttatgttaat gcagacaaaa atatatcata 360
cacggttttc cacaatgtgt atgttactca gaccacaata tatcatacat gc 412

<210> 1157

<211> 425

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1157

ataaaaaaaaa tctaattgatg agtcaaaata ctcaaagaaa taactttggt atgagacatg 60
attagttttt ttttatctat aaaaattaaa gatatatatt aaagaatgta taaaattcac 120

atggattatt taatcaattg aattaaactc ctttaatatata aaatataatc aattaacatt 180
 tgacactaac acttaaataa ataaagtaat aacttttttt ataaaatata aaagtagtca 240
 atctaatacat cgaataattht aatattatct ttgtaattat atataggaag aagtcaaatt 300
 acaatcatat gttttttacac caacagttat attgtaaata actctatata aaatataaat 360
 tttattgatt taattgttaa attctaatta tatattatct tgagtgtggg tctcacattc 420
 tctan 425

<210> 1158
 <211> 436
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1158

tcctggtnaa gttntatgca aacaactatg cttgacattg ttgttttcta atttgtatat 60
 tgggatttat attagttttt catattgggtg ttttcaggat tcctagtgag gatgcagagt 120
 ctcaactctt aaaaggcaga aaaaagtgcg gtggaagctt ttgagacagc ccacgctatg 180
 ggtgttatta tgtttgactt gccaaattgc cctaagaaac gttgtcaact agagacatcc 240
 tctgttaatg gagaaggatc atctacccat actgttactg catcttttga aactgccctg 300
 aggtgggcag ataagtagtt gatgcagtca aaactgcatt tataaggctt gcaaattgtc 360
 cttctttttag tatcggtgaa ttcgaggaac tactaagaca aattagtaat ctggacttgt 420
 ctgagttctc ttcaga 436

<210> 1159
 <211> 426
 <212> DNA
 <213> Glycine max
 <400> 1159

gcacttatgc agtaaagaga ctgtctaatt catgtttaca acatgggctaa gttcgactaa 60
 aaccctcttg tacactttat gtgcaagtgc tagcagacct actggtgaga aaaacaaatt 120
 tcacacttga caatggatgc acgcgctgct atcgctatgg ccacataact tcattcgact 180
 gttgtaagca tctacagcat gtctttgcaa tataatgtta gataactaaca cttggacagc 240

tgtatctatg cgttgacggc tgagagtgac cacattgatg gatatatcta tcacgaataa 300
 gcgtatatta gaagactcga ggccgtgcgt gactacaaag tctagttgtg gacagaaaca 360
 tgctcgggtct gaatggaatg ataagaacta aaatcaatca ctgacatgag cagggatgat 420
 catcat 426

<210> 1160
 <211> 502
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1160

cgcgcttgca cattgtgacg cgtttcgccc gcgcatcttg aggcagctgc ggtctacagt 60
 catatgcttc tggcactcta cctcatattt gtaatagcca gtgtagttat ataaagcctc 120
 aagctcatga ccgtctatct atgcgcgcgc gtatgatcac ctgcgggacg tttgtctggc 180
 caccgatgat gtcattggaat gagaagtcac gcttgcccta tctgattacc aacacgcacc 240
 cctcctgttg aggtgcttgt gagcgctatc aggtactgat ctcaaacaga gaaagaggaa 300
 ttgcaatgtt ggggatcaaa tgcttgagct tcaactgcta cctaacagct tgcactgtgt 360
 cattcatatg ttcgtccaac cgtgcctcgt aaccgaacgt aatatgagct ccatcatctg 420
 tgagtagcga gtgaacatta tctaaccncg acttatgtgc aaacgctatg ggatgactac 480
 tccaagatat cacgagagag gg 502

<210> 1161
 <211> 380
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1161

atctaataatt catgtgagtt acagaaaccc gcacttattg tgatcacact ctttgtgata 60
 cattattatc attattaatt aaaacttata aaatcgagaa ttaaattcca ctgatgaata 120
 agatgtgaag ccgacnattt ttagccttt cataaattgt aacagttcgt acaaatacaa 180
 gcatattaaa atgtgtttta gcatttctta caatacataa tgaaagtggc ctccctagtcc 240
 gtacaacaat ttgtcaacta gggcaagctc acattaaata tatgggcatg gctaacaatga 300

ttatcgcaaa gtttctaaca ttatatattac ccgtaaacta ttatgaatgc ataacagaaa 360
tatacaggaat attgttggtg 380

<210> 1162
<211> 424
<212> DNA
<213> Glycine max
<400> 1162

agcttttaaaa gtacccattt accaacctca tagtctactt cacgccattt agtatcatca 60
gtgcggtttca tcgtagcttg cgctttctaata agcttctgac gaatgcaaag aaaaacttcc 120
tcacagtgtc tcagagtatc atccaccgca tctagtttgg aggagctagt gatatagtct 180
ggaaaagaga aaggtttccg cccaaacggt atctcatagc gcgtagagcc cgtgcctgcy 240
ttccatgaag tattatgcga taattcgacc caggggaagga atctgccccca agtccccgac 300
cggcggtgca ccatagcccg caaatattgc tctattactc tgttcatgac ttcactctga 360
ccatcactct gtggatggta ggctgaactc attctaagcc ttgtaccact caattaaaaa 420
agct 424

<210> 1163
<211> 427
<212> DNA
<213> Glycine max
<400> 1163

taggctgttt acaaaaatcta tttagttaaa tatgctacga tttagtttat aataaaacct 60
attaagcttg ataaattggt ctatttattc atttatatat aataaaaaat taatatacat 120
gtattatact ttaatattta atatcttaat aagttaataa ttcatatcat aaataaaata 180
aatatttgag ataaaaagcc ttttaagtaaa taatagggtca tatcagggtt ttaaaaaggt 240
caaaccaagc ttaaaaaaag tctctgatag gataatagggt taggtcaaac cttaattttt 300
tataatagggt caaacctatt tacacagagt ctaacatgcc ttgtatatctc tcacccttat 360
tcttacgttt caatgtttga acttcaaaaa gaaaaacaat attcataata tttgcttcca 420
atcatgg 427

<210> 1164

<211> 463
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1164

 tcctcaacat caaagtaata caacatccaa tcatcatgga ctatcaaaat caagcaaaac 60
 agggcaaagg cagaaaactc tgcccaaaac acaactcana atcacagctt ttctcactta 120
 aagaccccag taaaaattcc ttcggtccag tttgttaacc gttggatcga ctcgaaaatt 180
 ttactggaag tctctagtag ataaacctac attntgaccg ttgggatcta ctagaaaata 240
 tccagaactc cttctgcaat attctttcca cagccaatca cacacaagca tttttctgca 300
 cttgtgcaaa attctgctgc acaatttcac agcaaaaatc tgcacaaaga gcagatttcg 360
 aaaaccacac ttccccctcat ccaatctttc ccaaatacaga tcctacaagt cccaaatcat 420
 gtatcaatca tgtctaaacc aaagtcaage ttcaaaacac agc 463

<210> 1165
 <211> 401
 <212> DNA
 <213> Glycine max

 <400> 1165

 agcttggttc gaggtactca cccgttgaag atcgatgac gactatgaac gaatgaagag 60
 cgtcgaataa cgggtgaaac ctttgcgaga ttctcacgg aatacgttac ggaaacgttt 120
 cggaagcgcc tcggcttaga ttgtcttcac ggaaacaatt tttcctagca tattcgaaag 180
 agagagaagt gcctattgtg ctgaaccctt ttcttattgc cttcctcccc tatttatagc 240
 taaatagggg aggtggttgc cgcccagctc gcccaggcga gctcaactcg ccctggcgag 300
 cagggttgct tcctccagaa gctaccgctt tctggaggaa tattccagag ggcccaagtg 360
 ggcttggtg ctatctgcac ccacattgta ctaagtacac c 401

<210> 1166
 <211> 460
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1166

cgctaagcga gatctgcatg atttaaatac attcttcagg gtcaaaaaca caattttctc 60
atccccctct ctcaaaactc caccaaacca ccctagaaac tcctcctcca ccaccagga 120
ccatcggttag ccaccacaag ccaactgttg ttgccgcaa accaccatac ggagaggaaa 180
ttaaagtga cagcggacat taaaagagta gggaagaatg agacaaacac acaagagtnt 240
gtatactggg tcggttaacaa cccgtgccta catccagtcc ccaagcaacc tgtgggtcctt 300
gagattttctt tcaaccttgt aaaaatcctt ttacaagcaa agatccacaa gggatgtacc 360
ctcccttggt ctctttgaac ctagtggatg taccctccac tagaactgat ccacaagaga 420
tgtaccctct cttgtttctca gtcaataacc caagtagatg 460

<210> 1167
<211> 586
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1167

gcaaaactcc caccatagcg ttctactaat catacatcac tctcaatatn acatanaccc 60
tcatacacac gccgtgcgtg aaaccattgt agancgctcg tatctccaaa gacgacctcg 120
angcatgcaa gctgctactt atgoggcagg gccgacttac ttactatct tgtctccaac 180
gcgagctatg accactgttc ttcttcccg cgacgcttct tttcatgtcc gctgagtgg 240
gtatatagcc taaaccatac ttccacgat ctcttgagt attcactcag gctagttatg 300
ctgacgctgt ctttgcctaa acccatcccg ggtgcataac cgctacacca acataactag 360
ggccattatt accgctgcat cggacagact aggctgctca aagagggagt ccacggagga 420
tatgtcgacc acctacaaag actgtagagc gtgctctaac gaatctattg cggatcacac 480
aaatgcaagg tagacggtca gcttaacaat atatgatata tgcccgatac gaagcaaaca 540
atgccctccc actaccaaatt attagcatat gccagacgc aatccc 586

<210> 1168
<211> 380
<212> DNA
<213> Glycine max

<400> 1168

taaacagaca attttaaaga catgaatgta atgagatttg agtcttgatt tgcctaattg 60

cattcaaaac tctcattgga aaagaaatcc atgtctatga acttaggatc aataatggaa 120
 tgagaggaga aaaggggttgc gtaccatata cgttggttctt ctgatgagaa catcaaggaa 180
 gaagatatgg acgacggaat ctgcatttcc tgagcctcgg agtgccggtt ggcttcactc 240
 gaagatccct tgcacttttt tgatggatct gccatttgaa cgagttatct gaaatatcaa 300
 tgggtcacg tgaaagagaa tgacaacaga tgaagtttgg gctttcgggtg gagtgatattg 360
 gacaacactc tactgatata 380

<210> 1169
 <211> 427
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1169

tgtttgtcat catcttaaag ggggagaatg tgaatgtatg tatacatgat tctgatgatg 60
 tcaaagaaga atctaacaag gctgcttcaa atgataagca tttgcttcaa gaataattca 120
 agattgcttc aacaaacaaa gccttggttc aagattcact aaagaccaag ccttgcttca 180
 aaacaaagtg ctttcaagac atgcaaggct ctggtaatcg attaccatga agtgaatcg 240
 attaccagaa gacagggttg agaaatagct gttgaaaaag gttttgaatt tgaattttca 300
 acatgtaatc gattaccata tgtctgtaat cgattaccag caacgaaact ttggaaattc 360
 aaattcaaaa gtcataaccc ttcaaattat aactgtgtaa tctgatacac aaacattgta 420
 atcgatn 427

<210> 1170
 <211> 462
 <212> DNA
 <213> Glycine max
 <400> 1170

agctcgttat taaatacaaa acacacatat tattatgaaa aaattgacgt taatgacgta 60
 aattattatt aacacttacc actgcatgtc tcagctagtc gacatcagac cttgcagatg 120
 tcgacgggtg tgctgcctcc gtgaccggac ggatatctgt gtctggatcc tgaggggcaa 180
 ctctgggctg cgtagcatga ccatctgccc gaggatctga tggctggccc ggcgtcatga 240

atggatgcga catgcggaag aatcagtcga tgtaatcgct ggcacactgc cctggcacia 300
 cgcagatgtc acctgctaca accatatggg ccgaatagtg catccacctg ttgtgtatat 360
 catcagacgt gacccatgaa tcggcaggtg gagcatgaat ggtctgagtg tatcaaactg 420
 ccgcatgacc ctctttggtc ggtaatatata aacaatgggc cc 462

<210> 1171
 <211> 512
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1171

cgcgcgttaa tccgttggtg annaccgtgc tcgtaccctg ggatactcta gagagatacc 60
 tgcaagcacg caagcatatg atactgagag atggaaaaca ctattttaat gacactaata 120
 gggacatagt gttgtattgt attacaccac gtaatcccca tgagcctagc acactttctt 180
 aacttatgct ctgcggaatg aactataccg ttattaggtg agccttgaac agataaccac 240
 tccctctagg aacaactttt tgctcatgat gcactatggc ctgtgtatag aagctatgtc 300
 tcattcataa aatatgcttg aatcttgtat gctacgtac acctcactta cacacaatac 360
 ttttgtaata ctttcattaa acgccaatcg tttcatttgt cggtagattt attctgctta 420
 gcacctaca tcccttaca aaataggcac catttacttt tttgatccta cttcatcacc 480
 tcgtctatg acggctatca tgaacaataa cg 512

<210> 1172
 <211> 390
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1172

tgtcttctgt ttatatatga tttatactcg atctaagact tgtctgatgc aatttgctca 60
 atcntggatg acggcaatgg tgatttcgaa aatctgcact tatatgcaga attttgctgc 120
 ttaagtgtgc atcgtaatct tgtgtttgtg cagaaaatgc ttatgcatgg ctgtgtgtgg 180
 aaagggttgt acatattggg gtctggacgt tncctaacat atcccaacgg tccaaatgta 240
 gacttatgct ctatggacct ccactcaaat tttcagatct atcacacgat gaacgagttg 300

gaacgatcag aatgttactg gggctctccga gtatgaaccg ctgcggggatc tgttttgtgtt 360
 ttgggcaggg gtctttgcct ctgccctatc 390

<210> 1173
 <211> 428
 <212> DNA
 <213> Glycine max

<400> 1173

gggaaataat aatctgcgc agcggatcca agagaaaatt aagagaagaa ggagaccctc 60
 tgaaggctat ctatgctacg gtatgattaa cctttaccca tcgactttac cttttatgcc 120
 aattgtgaat ctttaatcat gaaggttaag agaaggagcc tgtgtagtgt gtagaggagg 180
 gaaaataagg gatgcctata aaaattatga atggaagctt ataaaatatg aagtacaaat 240
 acatacaatg ttgcacagat ctaaagataa tggcgaagag tgtcattagt tgatactttt 300
 ttgttatact atttctgtat tctgtttgac ttttatacgt ttctgtcagg cgtcataaaa 360
 aagaccgcac atagctagga agactggtagg atgcgatagc ctatatagca gtgataggca 420
 taaacaca 428

<210> 1174
 <211> 118
 <212> DNA
 <213> Glycine max

<400> 1174

ctatacccac cgcagcctga gatacgcagt catttgcaaa catcatatac tacttgctgc 60
 acaactatac ttgcttatga ttgccaaacta gttattacat taatgtaagc tttctgtc 118

<210> 1175
 <211> 483
 <212> DNA
 <213> Glycine max

<400> 1175

cgcatgaac catggatacc gtgaataccg gaacctcgga gactcctgcg gcgtcgagtt 60
 aaaaaagacg agtttgcat tttgacgggc gaacgcgtcg catgatcatg aaacctagac 120
 ctcttgcac taatgtataa ggatgctaaa aagcatacta ttcgttccaa caatgactct 180

acactgctgt atctcacctc gccttggtgc atgatttact gactaccacg ccctgccttt 240
gaaaggatgg atttcaacac ttgtcacgct ctggtaatcc gttaccagga agagttatcg 300
atcaccagaa caccagggcc ttaattatca gctcaatcag ggtttgtatt tgtatctgca 360
acatgtcatc tgataacacc tgactgtaat ttagtaccac tcctgagctt aggaagctac 420
gttctaacaa caaaactcct caaattattc gggggttcgg acacaccatc tctgataccg 480
gcg 483

<210> 1176
<211> 424
<212> DNA
<213> Glycine max

<400> 1176

ccaggcgacc tatgttgctt ccctagaac gcactgtctt ctggaggaac ttcttgaag 60
gccaagtgg gcctggttgc tatttgcacc cctgtttac taaatacacc ccctgccttt 120
ttttgctgat tctttttcgg taacgttatg gaactttacg aatttcataa cgatacttgt 180
tttctttcgg taatgtcacg aaaccttaca gattacgtaa tcatcccttt tttggcttcc 240
gggatgatac gaaacttcac ggattgtgca acaatgcttt cttttgactt acggcatgtc 300
acggaacttc acggattgcc taacgatggg tgccaagtac ctogaagtgg tctaacgagg 360
gtcgtcatcc aacaaatata tgggtccccg acgatatatg ggtatgacag ttgcccctct 420
ttat 424

<210> 1177
<211> 401
<212> DNA
<213> Glycine max

<400> 1177

tctacttatg tggcacggcg ggcttacttc actttattgt cttcaacgcg agctctgacc 60
actgttcttc cttgccgga tgctactttt catgtgcggc tgagtgggct tatatcctaa 120
accatactta ccacggtttg cttgagcatg tatcaagcta attatgtccg cgctgtgtat 180
gtctacaccc atatcgggtc ataaccgcg cccaacatag ctogggccat cattaccgtt 240
gaatccgaca gacaaggctg cccatagagg gagtccacgg aagatatgct gaccacctca 300

taagactgga atgctgttct aacaattata tttgagcttc cacataacgc atggatgatg 360
ggaagcttac caagatgtct tcctctcctg acacgatgac c 401

<210> 1178
<211> 432
<212> DNA
<213> Glycine max

<400> 1178

agcttctgaa gaaggacttt actactctgg cgcagactag gagcgtcttg tcctacttca 60
accttgccct tacatcacat acatcttata tgaacttaga tagggcgggg ttggtgtatg 120
gactagatat gaagatggat atgaatcttg gagccctcat ttctggacag atatctctga 180
tagctcagtc caactcctcc cggctaggat ttctagcgat tatcactgct ttatgcatgg 240
ccacaggagt caccttagac tcgttgactt tcaaaaactct cagcccagct attaacttgg 300
cttacatcaa gaagaacttc tagaacttgg atgacccttc ggtcagcttc ccagggaccc 360
gtaaggccag ggccagagga tctgagggtc catcttcaac tgctccccag gactctacat 420
gtccagctcc cc 432

<210> 1179
<211> 427
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1179

tagtagcagt tacagaagtc aatatttccg ccaataacta tgatcatttc taccttacct 60
attttccatc atggccttgg tttgtgtgtt tagattgcca ccagagtcct aaatagacaa 120
tatctttcat tgcaagctta gcaacagtcc caaaacccaa tttttgccga aaccaagtgt 180
catgatttct atattaccaa ttttgctagc tgttgatggt gcatcatagt tttgctatgt 240
catctacctt tgggtctcatc tctttacctt acaattcagg caattatata attacccttt 300
ttcaatatat agaattggca acatgcaaac atatctaata caggaaattc caccactaat 360
agtcagccta taatccataa ccaatgaagt ccccatctc caatttattt catcatctaa 420
ttntatt 427

<210> 1180
 <211> 407
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1180

ntcacttcat aagttgtcctt atgcctaana atacgttgag ttatccttag taaagggtaa 60
 aatattgact caagtaaagt tcaattccca ctcaagattg gagcaaacta cttagcttgg 120
 caataattcc gaccaagggtc caacctagta ggtaaccatt cttgactgtg acgtatcaag 180
 gaatgtattc ttaacgaata aagttacacg gtttaagaatg ctgccgacag caacaacaaa 240
 atggaaaatt ttgtttgtga caggaaaatc ttttgtggac caccatattg ttattttcaat 300
 taatcttctt tttcatcgtg aaatcttttt ctgtgctgct ttcccatttg actctggaaa 360
 atgaagaagc tatatagatt tagatgcagt tgtttattta tttattt 407

<210> 1181
 <211> 345
 <212> DNA
 <213> Glycine max

<400> 1181

gcttcaacgg cgattttacca ccatggagat ggctgtgaag acaagggaga taaggtgaaa 60
 cgaggcgccc tctactacgg aataggccat ggaagacaga gcttcaccac caagaatgtg 120
 ccttgataa gacagcttgg agaggatgct tccttgaggg aaaagaggca cagattgaca 180
 gagagagaga gagagaagat cgaccttgaa ggaggaacac ggggagagaa gttaaactct 240
 gagttgtgtc tcacatgact ctcatcctc acatttacga caagcgatc atgtgctgct 300
 atttatagac tacgcagcat acttgagaag cattcttgag aaaac 345

<210> 1182
 <211> 421
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1182

tccatcgagt ggtaatcaga gcacaagagc ttctagcaag tgctccttac acctccatta 60
 attttttttg ctttaccttc tcttcattg ttgtttcttc atttttctcc atgtatctcc 120

tcacatgtct tgtgataaat gtttttaaca tgattctaga gtttccatgg attaaacttg 180
ctatataagc tagagtttcc aggatcttta agctcggatg gaaagatctt ctggatcaca 240
gcactgcaat ttccttccat tatgatgctt tectgattaa tatatttgta ctctcttggt 300
aacatatctt tcaaaaattt atagtacagt ggcatctgct acaacgcttc tctgaagggc 360
atgggtattt ccagtttctt gaaaatatct aacaatctcg ccagatgaca atcnttttct 420
t 421

<210> 1183
<211> 488
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1183

gtgaacagtt tagttacaca attaattgta atctaannna tagccagggtg tgcattctctc 60
ccgcggatct taagtgaccg ggatgcactt tagcaagtgc cacttgtttt tttcttgaag 120
cccttttaggc cggtgccctt ccttgattta agccactaca gccctaaaag aaaacctgat 180
atccccgtatt ttttaaggaat tggagcttag gaatagtcag ggaaatagag cggggagggtc 240
cttgttcata ggaaaacttg taaagccgca atctcttcag acgatttttg gccctcacat 300
gagtcctctg tttacgggga aatggttgac atggcgactg gaagcgattc tctcaccgcg 360
ctgggtcgca accacgaact agagaagaca ttattacgcc tcacgtggct gaaggaatct 420
gcacggccca aatagagaga ccttgatcca tcttcggaca aacctactga cctcatgacg 480
gtggatcg 488

<210> 1184
<211> 447
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1184

ggtgtatngc tacattctac taatatatgg aattgcccac tgctatgcct gagaataaca 60
atngcttgac cacaacaacg ctggaggcgg caagggacaa tgggtctttca aataaacctg 120
ttgtacatga acaaacatta tatcatgcac tgaccgtgcc aaacgaacca gcgaagtcac 180

tgcataattg ttataactaac tatattcaat gtacctgaac aaaatgattt ccaaacacgt 240
gaccgacaca tatgatgcgg tggccataag aatcagggtg tgtgtgactt ctataaggga 300
aaaatgtcat gtcttggttg cgggacaacg atacaaggat tacgtttatac cgggaagcaa 360
tcacatatcc catgtccgtt atattcatcc actcgtccac gcttacctga atgaacacaa 420
catacacatg taagctaata taacatt 447

<210> 1185
<211> 388
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1185

agcttcttat caaggctcat cttggtggtg aagctccttc ttccatggct tattccttag 60
tggatggcgc ctctctcac ctattctcct ttgtcttcgc ctgcactctcc atgggtggaaa 120
atcaccattg aaggacctca ttgaagctca aagatccagc ctccgtagaa gccccacaag 180
caagcttcca tcaagtggta atcagagcac aagagcttca agtaggtgct ccttaaacct 240
ccatntaatt tttgctttac cttctcttcc attgttgntt cttcattggt tctccatgta 300
tctcttcaca tgtcttggtg taaatgtttt aacatgattc tatagagctc ccaactgatta 360
aacttgctat acacgctaga tttgattt 388

<210> 1186
<211> 347
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1186

catagatgga tgaatgtatg ggacgaggtg gtacgctagc tctagttcca taatggagac 60
cttctgctga aactaacttt ccacactttt gcacttcaca cgaaagagcc ccgcacgaaa 120
ctaggataga catgtccatg taaagacaga cgctttccaa ggaactacct tccgctcccc 180
atcatatatg gcaacgttct agattgctgt gcaccctctg atcttctagg ccattactgg 240
actgataatt ttgcgcgagc gacgacttca gctcatggac taccattata ctgattttca 300
tgaggaaata cggcgccctgc tgtgggcatg actgtttact cccatgg 347

<210> 1187
 <211> 376
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1187

taagtcacct gcggcatgca agctttctaaa ctttatacaa gaatgaagct ctgataccac 60
 ttctttggaca agttgcctca gatattcttaa gaagggggggg ttgaattaag atatcacaga 120
 ctattcccca attaaaaatt ctactttttaa tttaatccaa caacccaaga ttcttttttaa 180
 acaagaactc ctagataata atgcaaatta atcttactaa atagaaataa taagcaataa 240
 acaataaagg agtctaaggg aagagaaaaat gcaaactcag atntatactg gttcggccac 300
 acccttgtgc ctacgtccag tccccaagca acccgctaga gaggttcact atcttgcaaa 360
 atccctttac aagttc 376

<210> 1188
 <211> 415
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1188

gacactctat agtactacag ctnttggttct gttacatctg tttcatgtat atgatgtgat 60
 ctccaaatat ccaccgacta gtcattcttta accagtgcaa ttttacctga tatcttggtc 120
 ctgtagaatc tcatgtcctg ccgaagatgc ctgttcaaaa ttgcccgtta cagtgagaaa 180
 tcctaggaaa aatataagaa aacttgagga aaaagtgata ttatactctt catttaaaag 240
 tagtaciaaac tacaaactta agtttttagct tttagagcat attcattctc caataagtga 300
 aaataatttg gtgcagcatt taggaagaat ttaattttct ttgatcggtt tgcaggatat 360
 tgctggattt cataacagta tttaaattat gcaacagatc aaacatgggc atatc 415

<210> 1189
 <211> 412
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 1189

agctnntgcg gattggtctn tgccagtgaaggatcgatg tgggtccgaa aagaggcaaa 60
tntagtcatc ctgcttcgac gaatgagaaa actggnngcaa atgaagaggg tgaggatgaa 120
agagaaatcc atgctgcgat taccattcct acatggaaac ttcccaccaa cccaacaatg 180
tcattactca gccataaca acccatctcc ttaccaccaa ccagttatc cacaaggcc 240
atccctaaat caaaccacaa aaccaccta ccacacaacc aatgctaaac accacttttg 300
gcatgaaccg aagcaccaac caaagggat ttttgagca taaagcctgt aggatccacc 360
ccaaattccg gtgtcatatg ctgaacttgc tctcatatct actcgataat tc 412

<210> 1190

<211> 470

<212> DNA

<213> Glycine max

<400> 1190

tcagccagat cgctaagtga gagcttatcc gtggctaagc atgacctatt gtcgccaagc 60
gcaattcctt acgaccataa ttgagggtcca tgacgctaag caccagtcac ggcagctatg 120
cgagattcat tgtggcaata tgagcgctaa gcgagtcct ctcagctaag cgcatactcc 180
tctgtactta agatgcatca ttttagctaa gctggccaga gcctgtttta gcgagagttg 240
tagcttttct aatctacaga cctcgctaag cggacatacc ctcgtgctaa gtcgagtttc 300
tgctaaaaaa aaaactgatt ttgaatgtga aacgtcagct aagcgcacgg gtccgctaag 360
cgagccttgt tgagaaacca aacgtctctc ttgctcgctt agcacaacgg tccgctaggc 420
gaaagtatcg aaaaactgtc taagtgagtg taacagcagc tacactcaca 470

<210> 1191

<211> 474

<212> DNA

<213> Glycine max

<400> 1191

cggttgtgca tctactcgac cggatcttaa gtcactgggc tgcagctcta gccaatggac 60
taccttgatt aattcctttg gagccctttt gagccgtggg tgcctttcct tggtttgaag 120
ctcactacaa gcctaaatg aaaaaccatg atatcaccct atctttgacg aattttggag 180

ctctggaatt gttctgcgaa taaacgcggg gggctttttg gcttcattgg agaccggtat 240
cgctagcatt gcttcgtgat gtattttggg cccacttga ttgacattgt atattggtaa 300
acgttggaca tgctgaatga aactgtgtgt ctacaggct atggagtggg gcacctgctt 360
taagaagagg attttgagcg ccctaagttg agtgaataaa atcttcaccg tccagaatgt 420
gaaaccctgg tctcccttat gtaaaatgaa cgtactcttt tagttottaa tttt 474

<210> 1192
<211> 456
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1192

tgcatgattt acattctccc tctttctcaa gagaattctt aattcttctt gacatcatca 60
aaatcttcat gatttacatt ctcccccttt ctcaagaaaa ttcttaattc tgcttgacat 120
catcaaaatc ttcattgattt acagcctcag ctggccttgc ccttggtctt ctggccccac 180
aaataataat tgttggatca tcagggttcc aacaattctt ccttatgtan gccagattaa 240
tgaccgggct cagacgttca aagacaagac tgtcggaggc aactcctctg gtcttgcata 300
aagctgtgat aagagcagga aacacgagtt ttgaggagtt atactgggcc atagaagtaa 360
tctgccctaa aatgagggct ccgacattca tgtccagctg agtaactagg ccaaagatta 420
acctagctcg atccacagtc agatcagatg tgtggg 456

<210> 1193
<211> 504
<212> DNA
<213> Glycine max
<400> 1193

gcaccggatt gatgcgatcc tgtctccgag catgctatca ctctaactgc acgcgtgcgc 60
atcccatatc gacggtcact ttccgggtat tgattcttct agcatggctt atgacatagt 120
tggaaggccc ctactctcac ctatactcac tagacttacg ctgcatctcc gtggaggacc 180
ataaccattg gaggacctta ttggttctca tatatcccc ctccgtagaa tctccacaaa 240
ccatcttcca tcaagaggat ctcaaatac acgagcttga agatactgct acgtaacgca 300
gctcaatttg tcgcttacct tatcttcatt agcgtctgctt attggatcta cgtgtatctg 360

ctcacatgtc ttgagactaa tgtcctaaac atgatattta gagcgaccac tgattataat 420
 tgctatgtaa gcataatgtg atcggtatag cgcacatctc ttttcttgta tctaacatga 480
 attggtagag taaaggcctt tagc 504

<210> 1194
 <211> 417
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1194

agctntatgg ccatgtaaac actatggctt atggtttgtt ttccccatt caatcaaccc 60
 aatgtttcca aaaaacatct cttttatcaa gtcacgcaca catccgagtc catttaggca 120
 tccgggaaaa atctttcatt gcattcacc ttcaggcgca cacatttttt tcaaaaatct 180
 ttttatatcc taatctgtga attttccaaa gaaaactggc ggtcattttc tttcaaaagc 240
 atgttggctt tttagttttc tttctcttag ctnttttttt caattaattt ctttcagacc 300
 aatttttttc agaaaagggtt tgtaacctgg gcaaagttgg tattcgagat tacactntat 360
 caaaaggaac aanaggcgtg tgaatgacaa taaaccaaca cacaagaccc ctcttat 417

<210> 1195
 <211> 426
 <212> DNA
 <213> Glycine max
 <400> 1195

tcttcgaagg gcaaggttat ttccagtttc ttgaaaatat ctaaaaatct tgccagatga 60
 cgatcttttt cttcttgga aggtaccaca ggatatagta cttccacacc ttcattccaca 120
 gctttttcac ttctactctt ctttgcattc ttattttatt tattcttttt cattttctat 180
 ttcttattct acttcttttt cttttcttg gtccttcaat tctttattct ggaccattat 240
 ttgtttccct ttttcccgat tgccttcacc tctcacatca tttttcttaa cttcagtacc 300
 tttcttttta gtcgctttct ccttgtgcac tacactttct tcatcctcag cttccacaaa 360
 cctcttactc cttgccatca cagctttgca ttctccttg ggattctggt ctgtatttgc 420
 cacaaa 426

<210> 1196
 <211> 464
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1196

 tctcccgcat tttcctataa ttagggggag aagtgcacagg aangaacggt caaccctcct 60
 ggtatatgag attcacttac tattagttag ataaatcgct tccatgaaga atatacacgc 120
 cgaggcgctt ccgtaacggt gatgttacgt ttctgtgagt gatttcgcga agattttcaa 180
 ccattcttcg acgttcttct tttgatattc gtcgttcttc ggtcttcaac cggtaagtcc 240
 ccgatatcga actttntaat tcattctatg taccgttggg ggtccccatt cgtttagcgt 300
 acttttattt tcgtttcata tactctacgt agtcctttt gacgtgcttt agtcacttac 360
 ttgcctaatac aataataaaa taaatttcca ccgatcattt gaatgggtac atcacttaat 420
 ttcagttcaa tgagatgtga ccgtttggtc atgccataac catg 464

<210> 1197
 <211> 100
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1197

 acatgttgct cccctatct ctaacaagct tctatagttc ctgtgatcta tatggatact 60
 gngatagcta cttatatcgc cttgcgttga ggacgggcta 100

<210> 1198
 <211> 281
 <212> DNA
 <213> Glycine max

 <400> 1198

 ttaacatcct cattgattag tgcagatcaa actactatat ccttgagggg acttacatca 60
 tacacttgag ctgcattttc cataaaccag aattcgcaaa ggatggaatc aaggaatagc 120
 atacataaag atcatgagca taccacggtt ttcaaatttg accataaagg gccataaaaa 180
 taattcttat atttctttta aagatatatt attattaaat aacacatagt tggatataga 240

tggtgatgct tacaagagtt aaaaaattat tctatccaat t 281

<210> 1199
<211> 197
<212> DNA
<213> Glycine max

<400> 1199

taagtaaacy atcataaacc cataatctgg cgacaagtgc agataatgag agtcatggct 60
agttggcata acatgttaac caatgcatct agtttacctt cacgcttcct atttctgttg 120
atgaatatga attcacggct acttgattca ctcttctaata gaccatagca tcacttctgg 180
cactaaattg ttggggag 197

<210> 1200
<211> 413
<212> DNA
<213> Glycine max

<400> 1200

cacggagact aatcagacat gggatgcagc tatcacgtac atgcttctat tctaaaactt 60
ctcatcatgt gcttattagc tggtcgggtt tctctttggc tattgaagcc ataccaatta 120
tggacaatat tatggtaaca ggcagaagat ttcgccgatg attcattctt gggatactat 180
ggtaagaact tggaaatctca tcttcaatga gtcattttgt cataccatga aatatcatat 240
cttggttgcta ttgaatgaat cttgtaatta ctacaaaaca cctactgaaa ttctaaattt 300
tttagatcaa atgctaagta caagtaaaaa gatggatgat gatactattc tgcagggtctt 360
agctgtgctg tgtacgcgtt tctataaatt gctattgcta tcattggact tct 413

<210> 1201
<211> 596
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1201

cttcacactc ttntcaacat ttaantgtgt tgnntntant taatttannt ttttnaggcc 60
ggaatgatgc ctcatcactg acannctaaa gtaaaccgca gcatgcgact taacaaccag 120
tagatatgag tgaattaaac tacgattaca agaccttgaa caaatgtgga agaatatgat 180

tgaagcatatc tgttatatc tagcatatct acacagtaca ataacgtaca cttaagaatt 240
aagccttagc ctttcatctt tggctgctgc attattcgtg taaacatagc gcatatgcca 300
tataactaacg ccgtattact gtaagtgaac tcggaggcat tacaagaaat gagaattgag 360
acagttctta gtttcgagtt gataagataa gtgcaccatt acaaggtgcc aacatttggc 420
cacaccaaac cgaaaacaat tacagcaata aaaacaaagg tcatgtacac atgggtatgtg 480
attatagctt tgtacatgga tggttctaag atcaaaaagt acgcttgcca tttttacgta 540
atgtggtatc aactttgggc ttaggccgac cattaccaa cactacaatt gtcatt 596

<210> 1202
<211> 484
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1202

ntngatgctc cgccagcaac tccgtaaggt actgatcgaa acctctcagg atagattagg 60
catcttttat ttattttaaa cgaacaatag taataattac tgtgaattta aaggatactg 120
ggctgcttta tagcagcgcc ttccgcttgt cccgggctag gcaaaggacg acgacctact 180
ggctcgtgacc ctacgctctc tttgcatccg tccataagta cctaaaagta ggaaacaatg 240
aggtgtggca aatcgcgacc gcgtcgtcgt cttaccttaa tcggtttctg cttttaactt 300
tgtctcaacc tttgatgatt ctgccccctg tttatcacia aatatgcatg tgtatgcgta 360
tgcataaatg ttttcaaagc caacaaattt ttagtgaaag ctggtttagg ttcgattnta 420
attaagcgtc tggggcatcc catgaactga gcgaaagggc tcaggtgatc acaaactaac 480
acat 484

<210> 1203
<211> 441
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1203

ccaacgctct gatcaagctc tcccataatc tanangtaaa tctacgatct ctatcagata 60
ctatgctaga ttgcacacca tgtaacctga caacctcact tatatacgag gaggtcaact 120

tttccatgga aaatctgata ttaatgggaa tgaattgagc aaacttattc aatctatcaa 180
 caataaccca tatagaatct aaacctctaa gggttctatg tagtcctacc acaaaattca 240
 tggaaatgct gtcccacttc cactatggta tctctaaagg ttgcaactta cctgaaggtc 300
 tctgatgta tatcttatcc ttctgacaga ctangcatgc atacacaaac tctaactcct 360
 ctctctttat gtatagccac caaaacatcg tctttaaatc atgatacatc tgtggagcac 420
 catcatcaat gctcaaatta c 441

<210> 1204
 <211> 313
 <212> DNA
 <213> Glycine max

<400> 1204

taatggttgg atttgacatg ggatcactaa ccgcacatgt gtggctcata gtgccgtcca 60
 catgctgctt acaatgtatt gagaatgta ccgcctgcc ttactagctt ctgatgcgca 120
 caagagagct cgaggatcat ctgcttgat acaaggggta tgctgtaatg catatcagat 180
 agtctgttga gcgcgtatgc acgacgatgc catgactgct gcgacactag atgctggtgt 240
 ttgataacag acatgagcac gaatgatagg ataaacgtga tgtgattaac agatgcttat 300
 gcactgcatg ata 313

<210> 1205
 <211> 239
 <212> DNA
 <213> Glycine max

<400> 1205

agttaactga ggcgtgcgcg cgcgtgctct gaactagagt tcaactctact gctgagcttg 60
 cgcgatcat ggaatatgca gatctaagca gaagctcgaa gtgattcatg atacagacca 120
 tagctctact aagacgaaat aaataaatga gtatcaatca ctccaatgag catgctctat 180
 ggtgacatca tggattatca cttggcgtga tgaagtgatc tgctcgctta tatattaat 239

<210> 1206
 <211> 357
 <212> DNA
 <213> Glycine max

<400> 1206

attctataga gagaaaggtc cacgttccac agagtattga gagattctgc agcgtgaaga 60
tctgtacaga ctagagtcgg aagcgggaagc cgttctgaga gctggagatg aatccgtgac 120
tggttgtag atcctacagg tgaaggagac atcctcagca cttgtatttc tgcgatctat 180
cgtcttggtc atagctttcg tgtaaaggac gctccttgga tatggaaagc tcgaatacta 240
tgatggatct tcgttggttg tgcacgatgt ctatataaat ctatgtattt aatgaagtta 300
cgtgagatgc ctgtgctata aacatttta ttcagtatgc ctataccatg ttcatat 357

<210> 1207

<211> 458

<212> DNA

<213> Glycine max

<400> 1207

tgctgcgaaa gagagttttg ctgcttattg catgcctata tagctctaca acataattaa 60
gagttgtgct gaaagatatg tactccttct gcctatgtaa attatgtttt atgtgattat 120
ttataactta tattgggaat tgcgatatat tgcagagtt ataaggctga tattattggt 180
atcattattt tttttttttt gaaaattatc tctttttcta tctcgtgttt aggagaattt 240
cttatactat ttacttctct ttagtagtac ctattgcttc ctttggtttt ttttttttac 300
ctcttgaact cctccgattt cgggtctctg aagataatat catcgcatgc tgttctaaca 360
atatacatgt ctgtcttata gtcattattc ctacggagat gtatggacta caatataatg 420
gctaagcgta agaagaggta aacactatta tatataat 458

<210> 1208

<211> 517

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1208

cgggttgatt ggatcctact cgtaccgcg atcctctgag tcacctgcgg catgcaagcg 60
ttgatagtaa aaggctgaga tgaatgtgca accttgatat gcagaccatg atgaagagag 120
cctntgaggt accttacaat gcgtataaca gctgtccaat gagagtccat atgattagcc 180

atgatctgac agaccttggt cacagcatag cttaaactcat gccttgtaat ggctgtgtat 240
 tggagagcac caacaacata cctatagaga gatggatcac tgaataaatc caagccagct 300
 ttggttaact tgcaattagt agtcataggg gaaggaatga ctgtgcttct gccattttgg 360
 ttttctgaag taaatctctg atatagttgc tgagtcagta gaatagtccc atcagccaca 420
 gattggattt ctataccaag aaaatattca aagtttccaa ttgtgtaaga caacaattgg 480
 aatgtatctt ggtggtgagt tgctgaatta ttacatg 517

<210> 1209
 <211> 366
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1209

atgacgaaat ggctcacaag aggatgtaat gatctttcaa agtggagagg accttacaat 60
 atgtcaatac caaccacaga gagtccaatt aagacatcca tagtttcctt agtttcacaa 120
 tatcatatct taagttgggt atatataaat atcactatca tagcttacc acacagtgc 180
 aaagcataga catacactga ctctgtcaat ttattccac tatgatggga taaaaaactt 240
 ggcattatgt tcagttctac tatgtctcta ttgttctctt ctttctatgt gcttggttaat 300
 caatttttgc atgtactttc aactgtaata atangaaaat aattttcctt tatgggtctc 360
 ttctag 366

<210> 1210
 <211> 254
 <212> DNA
 <213> Glycine max
 <400> 1210

agcttaagag accacacctg atccttacac ttcactagct ggcatagtg cttctgcac 60
 tcatgagtac ttcacacaaa actagagggg ctaccacagg ttgcttcaac accatgtatt 120
 ttgctgttat ctccaccact tatgatccta gtgatgaact ctggcatgac cttaatagca 180
 acccttccat cacaaccctt catgtactga atagggcgtg caccagactt gatacgggac 240
 ttgttagggc aaga 254

<210> 1211
 <211> 471
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1211

tgtaacaata ttntattgaa agtgagagta ttaatagaag ataaaaagtt atcgattata 60
 aatttataga taaaattgaa aaacaactat gtagcttcta atttataagt tatatgacat 120
 attttaagtt agtagcatta gcatgtgggt gtaggttttt aaaatatggt aaaattccat 180
 tttagtctca caaatttaaa atatcttggt ctgggtctatt gtttctagaa ataatatagc 240
 taacaaaaaa aatactttta aataatcata ttttagtttt taattaatta tgaactctta 300
 taatttttta aaaaataaat tttattaaaa tataaataaa ttatgtaaat aatggaataa 360
 ttaaaatgaa cagtataata ttaaaattat ttctaaataa aaatagtatt atattatagg 420
 agacaatata ttagagttct taataagtac tttagtcata taatctatcc a 471

<210> 1212
 <211> 460
 <212> DNA
 <213> Glycine max

<400> 1212

tattagaatc gtcattaata agcttatttc taatagtgtc agcgagacat taattgtcct 60
 ataaagtgaa gttgtaagct aatttcccca ttattcccaa aacacgactt gtttcaatgt 120
 taatatatct aattctgaat tttggcaact tgaagtatca ttcaactaag ctttgacaaa 180
 gtaaggatgc caaattatag attccattag gctctttgct tcgtggggtt ggctcttgta 240
 caccatgtgt gttgttttta tgctcctctt tcagttgata tatttccaat gcgtagtaag 300
 tgategctag ctgcttacgt gccaacatag ttgggattaa agtaactaat gtgatgcac 360
 tgcattgtgc aatgttaaaa aagataggat aaattgtgac tctagttccc ctaattcttc 420
 aaaaccatga ttttaatccc ctacatttta attgctacat 460

<210> 1213
 <211> 451
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1213

agcttcacac aatnntatatt tttttatcaa acttgagttt tggaaaacca attactaaga 60
 ctttcctaac tagatgattt aaatgatgca tgttaatatg tgcagcccta tgatgccaca 120
 atcatgaatc atctatctta ctcaccaagc aacttagctc atgaaaagat acatgttcaa 180
 cattcaacat atagatatta cctattctct tactgatctg gacaacttta ccggatatgg 240
 cttcacttat aagacatcaa tttctattga actctatttt gaacccttta tcacaaagtt 300
 gactaatgct tagaagttat gcttttagtcc atccacatat aacacattct taatctgagt 360
 tntatgttga ttccctatat catgagaaat catatttttc cttttgtggg nngtctcaac 420
 atgaccatag tttggacttg tcacacgtca t 451

<210> 1214
 <211> 397
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1214

tgtgaagttc ttccaggact gtccagagca acattntgta cacatattgg agccattctt 60
 gaaaatcatc atgtatagga ttctaattcc tttctcttaa tttgtccaat tttttaagta 120
 tttggttttg tttccttgaa tgctttaact atttgataaa ttagtcttgc atcgacagga 180
 cataaacaaa gtgttactgc accaaagtcc attttcctct tgtgaagtgg aatagttgta 240
 cgatgaacaa gtatttcacc tatattagat ggatggcaaa gagaattagg gattctgcc 300
 aagtatgctc taggttatat gcaaggccta ataaattaga agctagatta attctatact 360
 ctgtagcatg taattaaata tgggaaaaat aatatat 397

<210> 1215
 <211> 334
 <212> DNA
 <213> Glycine max

<400> 1215

ggatcttaag caccgaggct gcagcttaac acaattatgc aacaaataat ataagtttcc 60
 ataagatata ataaatctaa aatgtgcttt ctaagttgat acctaacatc ataataacat 120

aagctgattg caatttcaaa gttctttata ctcttagaaa aaaggtccat acactcttaa 180
 tttctccttt tctttcaa at ctcatgatta agagaacaca ttctcaa atc aagaaaacaa 240
 tatcatatga ttgaattgaa tacttatctt ctaatgatgt ttctctgggc acaaataaca 300
 ccaa atgggtt gaacttactt acgtaataat cata 334

<210> 1216
 <211> 460
 <212> DNA
 <213> Glycine max

<400> 1216

tatgcttatg aagacttcct gacactgcta tgtgtgaagc acctagtaac ctctgtcgaa 60
 catccctaga ccaacagtgc ggcagaggca gccaatatac tcaccctttg ggccctatgc 120
 actacactca acaagtctaa cgggtccatgg aaggaggaac tccccagtat actctgggcc 180
 tatcattgct aaccctagac aatgaccata aaaattcttt tgcgactcac atatggcata 240
 aacaccatga tccccgtoga agtcagggaa ccgtcaacaa ggagattggt gttctagcaa 300
 caaaaaaatg aagacaacat gagggtagaa cataagacaa ccgatgacgt acaagaggta 360
 gccaaaatca aagaagaggg taccaagctc caagcatcaa ggagatacaa ccttaagttt 420
 caacctcaag ccttttaacc cggcgacctc gtctggcgag 460

<210> 1217
 <211> 309
 <212> DNA
 <213> Glycine max

<400> 1217

agctttagg atatgtggat cacggtactg tccattatgc aactacaca tgctgatgct 60
 gttcttgcca acaatactta ctcttcaagg acgaatctga agtaciaaagt tcttcaattt 120
 tatttcacag acttactcac ttgacgatac caacactttg tgtcaacaga ctggatgac 180
 tctcgtcata aacatagcat gtgttattca atttatgtgg gtcagacaaa ggactggaaa 240
 taacactatc atcgtgttaa tagataactc actttataag aaaagtaaaa gttctctgct 300
 gaaatcttg 309

<210> 1218

<211> 264
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1218

gacttaacct tgcgactctc aaagacgcac tctgtttnc a ctcgtaacat cacattgtca 60
 ctttctacc ctaggttaac tctacatttc atctctgaca gtgntgcatg agcaattttt 120
 cagcatacta catcgcaaac atcatcaca aaccctaaaa cagaatgggt atgtttgact 180
 tcatcaagca tggcgatttg aacaagtgtt cagcaaagt cttcacaaat tatcatcaca 240
 cgccatatac ctagcaagac tacc 264

<210> 1219
 <211> 406
 <212> DNA
 <213> Glycine max

<400> 1219

ataagatata ataaatctaa aatgtgcttt ctaagttgat acctaacatc ataataacat 60
 aagctgattg caatttcaaa gttctttata ctcttagaaa aaaggtoaat acactcttaa 120
 tttctccttt tctttcaa atcatgatta agagaacaca ttctcaaatac agggaaacaa 180
 aatcatatga ttgaattgaa tacttatctt ctaatgatgt ttctctgttc acaaataaca 240
 ccaaattggtt gaacttagtt acgtaataat catatcatga aatagcagag aaaggtcagc 300
 catcataaaa tgaattaatac attcttacac cctaagtagt aatcataaca atcatgtcta 360
 atagagctgc taaatattta gctcacctct ctgccatcta tggaat 406

<210> 1220
 <211> 416
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1220

ntggctctta ggcctaagtg tatcactcta gtcgttatgg gaactaccta catgctccaa 60
 catggccctc attcacgtac caagtgggtt cataggccat ttctcaccaa atcatgcgca 120
 aatgccattg aggcatttca ccgagcactt ggtgggcgca tgtttaggca caaatagcag 180

gggggtaagg gcaatgtggc atgccccgatc atttcagaat acatcttagg cctaaggcca 240
 ttgcctataa cccttcaact caacataaac aaacaaatat tcaaagataa cttgctcata 300
 ttgtttacca tatacatgta acttgaggca ccaaagaagc atcaatggac agctagagag 360
 cccatgaatg gagtacttac ttgttgggga tgaataatca tgcctaattg caataa 416

<210> 1221
 <211> 379
 <212> DNA
 <213> Glycine max

<400> 1221

agtcaactga cgctgccgct tcattgttca atttgagcgt ctagatatat catgcgctg 60
 aatctgacat tccagcgaga aggatgacca tttctattac tcgagagctc ttgtggttca 120
 atttccaccg tctccttgag ggagggtgctt gacctccacg tccgagtga aaaggatgac 180
 cattcttatt tttcgagagc ttccgttggt ttatttccag cggctctata tccgatgcgc 240
 ctgaattgga catccgagtg aaaatttata atcattaaga tttctcgaga gcttccgcac 300
 tttcaattcg agcgtctcga tatattatgc acctgaatcg gacactcgag tgataaatta 360
 tgaccatttt aatttctct 379

<210> 1222
 <211> 227
 <212> DNA
 <213> Glycine max

<400> 1222

cttgcctcac agatgtccac gaaggataag gcggccgaag gaactagtgc cgctcccgag 60
 tatgacagtc accgcttttag gagcgctgta catcagcagc gcttcgaagc catcaaggga 120
 tggtcatttc ttctgggagcg acgcgttcag ctcatggacg acgagactgc tgatttcgca 180
 tatgacacag gtttccgtca cgtgtcatca atcactaccc ccatggc 227

<210> 1223
 <211> 430
 <212> DNA
 <213> Glycine max

<400> 1223

agcttgtagg atagttggtt cacggcaatg actcattatg cacacaacac atgctgatgc 60
 agtccttgcc aacaacacat actcttcaag gacgaatctg aagtacaaag tttatcaatt 120
 ttatttcaca gacttactca cttgacgata ccaacacttt gtgtcaacag tctgtaggat 180
 ctctcatcat aaacatagca tgtgttatcc aatttatgtg tgtcagacaa agtactggaa 240
 ataacactat catcatgtta atagataact cactttataa gaaaagtaaa atttctctgc 300
 tgaaattctt gcaagctaatt ttgttcttct ttagaatacc tacaccagag aatagtagat 360
 aagtcacttg tagttggaaa acagtggaaa gcaacatatt ctgatcattg caaattgcaa 420
 gcagtcaatg 430

<210> 1224
 <211> 403
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1224

tatagtaaaa gaagcanagt caaaattntg tttcattnta tcttggtggtt aacacctaaa 60
 aagttagttg ttggagcaac atcttgattg gatacaactg gcataagaaa actaattgga 120
 tacaattgat gtggctaaat tagggataaa aggtaaaaca actgggatgg aacactttga 180
 gtgatgtgta ggccgattta aagaacgtgt aagacaaatt gactgataat ggagcggctg 240
 aagggatgat agccatgata tcttagattt taaggagtgt taatagtgtt tcaactaata 300
 taaccattag tcaatctcta taaataaggc ctatcacatt ataactaaca cacagacatc 360
 aatacataag aatccattca ttatcctgcg tataatattgt att 403

<210> 1225
 <211> 176
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1225

ttaagtcacc tgcngcatgc aagcttcccg tatccgtact tggaaggatc tgattaccgc 60
 cttcctaagg cagtatcagt acaattgtga tatggctcct gaccgtactc tactgcagaa 120
 tatgttcaag aaagagggtg aaacctttaa agaatatgcg cagcgatgga gggatt 176

<210> 1226
 <211> 313
 <212> DNA
 <213> Glycine max

<400> 1226

tattcaacaa tgacaaatca cataacataa ttttaagatt ctgagcctca ctagtagcag 60
 tatctaaagc aataatttct gcttccatgg tagaatgtga aataatagtt tgttcagcag 120
 atttccatga tattacacca ccagctaaag taaagacata atcacttgtc gattatgttt 180
 catcagaatc aaaaatccaa tttgcatcac taaacccctc aattacttcc taatctacca 240
 actacatatg ctatgacatg cctatagaga gttgtcaatt gcatcaaaga accactaatt 300
 tgataatatt gtg 313

<210> 1227
 <211> 564
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1227

catggcaacc gaaaatcgta aacgggtataa agtatcttaa ctatacaaaa cacncccggt 60
 tgatgctgcc gcgctgacac cgcacancna actgacgcgg cgacgcgag caagntgatg 120
 aatgaggacc catctcatct gtttctatgt ggcaggcaga cgaaggagcg caactagtta 180
 tccacatccg caatgcgcgc gtaaaaccac catccccgtg tgacggctcc aactgaactc 240
 acgtacgtcc acgcaaccog taggcaaagt tataatgcag ccgaggcccc atcaaactc 300
 ccaagctgcc acaacgaaca atcaaaaaaa catttaaaca ggacatgcta tcacagccaa 360
 gcgaaacata gcaaaggcgg aaaactctgc tcaacacaat aacacaaagc gcagcacttg 420
 tctcctaaga ccacagaaac aatccttcga gcaaagagct taccgctgga acgagctcaa 480
 gagtatacca gcaagctata aagcataatc gctacacggg gcccgccgga gggactagca 540
 acaatcagaa acaaggatga cacg 564

<210> 1228
 <211> 540
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1228

tgaacgtgga atgatacatg cgataacgtg acaaccactg tactcgngcg acactanana 60
 acaccangc ttgcctgtcc gatgtagcag tatcgatggg cctagctact gttggcgaac 120
 ggttaccaac ccggaatggg tttaggcaaa gaccacgacg gtttgactaa cctgattaat 180
 gccaaaggaa ctctgtgtgaa gctacggtta gtctatacgc ccactcacgc agatctaaag 240
 agaagcatcg tgggaaggaa gagcggtagt caaagctcgt ggtcgagact agaaggtgaa 300
 ggaagcccg c actggcacat aagtagaagc tttataagcg cggttctgat ggacgaatgc 360
 taagcggacg tgatatacca tcacgatgtg tcgagtacat ttggattggc acgacccttg 420
 ctctaccgat ttttagctgt gtaattggcg tgcgctgtgt catacactaa tttcgatggc 480
 ggactctccc ttgacgatcg actaccttcg ctgcccctcg tgaggtgtcg gttccgaacg 540

<210> 1229
 <211> 336
 <212> DNA
 <213> Glycine max

<400> 1229
 gctctctaag atgataccta tcatcataat aacataagct gatagctatt accaagttct 60
 ttataactcgt acaagaaagg gccatacact ctgaatttct ccattttctt caaatctcaa 120
 gaataagaga acaccttctc aaatcaagag gacaaaatca tatgattgaa ttgaatactt 180
 atcttcta at gatgtctctc tgttcacaaa taaaaccaa tggttgaact taggtacgcg 240
 ataaccatat catgaaatag cagaaaaagg tcggccatca taaattgaat tactcatttt 300
 acaccctaca tagtaattca tacaatcatg tcta at 336

<210> 1230
 <211> 276
 <212> DNA
 <213> Glycine max

<400> 1230
 agcatcatct tcttcctcca cgccgggaaa ttgtgttctg cgatcgtgga ggccgatggt 60
 gtcgagtagc ccaggcattt tgagggtggt gttctccctc cgcgtcagca atgtcaagaa 120

gcactcttcg tttcattgcc ggctttttat taatccgaag tgtttatagg tgatccgtaa 180
aaattgggta gcagaagtga agattaacat caagttgatc cgtaatttaa tcctaattat 240
caaaaaactc actattagtt tacggatcaa cttgat 276

<210> 1231
<211> 435
<212> DNA
<213> Glycine max

<400> 1231

catcccactc ctatattggc aagtctctca tgacgatcac aagctaacac taccattat 60
tgaggagctat gcaaaccaaa ctctctctga tgtaatgatt ctaaactata tattaatatg 120
atgttgatat tgctatztat ctttgtgttc attcacatgt cttogatctg atcatccatt 180
ttcataaact gtcttaagat ttaggcattg gaaaatattt atatgctoga actggggaag 240
aacattcagg taatccatct ctagggatag agtgacattg tctagcctat gcatgcatct 300
ttgctcgtaa tgcaaattat ctaatataac ttttaaggga ttaggagcga tattaggtaa 360
tatatgctct ctacttgag ggatcatggt tagagtatgt tagaacgtcc aagtaattat 420
catattatca taaaa 435

<210> 1232
<211> 372
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1232

agctatacag cagattntag taatgaccca cttacctaca attaaaacaa cttaatgcca 60
ttaacctagg gaattaaaaa aacttaatgg ctgagtgtaa ctgaaattgt ggcaaccaaa 120
agtcaccccc aacagccaac aagtcagcca ccatttggtc tcccaaaagg ctgatgccta 180
tgttgccaat tgggccctta ttacaacttg aactaaacct aactaaagcc cttttagtgt 240
attaacccaa aacatatattt tggtcagcca actttacaag gattgggcca ttatttagac 300
aaactaaaca ctctaaaatt gaaacaaagt ggtgtcattt actcctctc catttgggcc 360
atgatacaac tc 372

<210> 1233
 <211> 471
 <212> DNA
 <213> Glycine max

<400> 1233

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ggaaattaaa caatggaagc actcgagata ttcaaatggt cataacttat cacacggagg 60
tctgattcat ggcataata tatcgagacg ctcgaaattg aacaacgaat gctctcgaga 120
aattcaattg gtcataactt gtcacacgga agtccaattc tggcgcatca catatcgaga 180
cgctgtaaat tgaacaccgg aagctctcga gaaattcata tggtcataac ttatcacaca 240
gagggtttgat ttaggcgcat aatatacga gacgctcgaa attgaacaac gaatgctctc 300
gagaaattca aatggtcata acttatcaca cggagggtctg attcaggcgc ataatatatc 360
gagacgctcg aaattgaaca acgaatgctc tcgagaaatt caaatgggtca taacttgtca 420
cacggatgtc caattctagc gcatcacata tcgagacgct gtaattgaac a 471
  
```

<210> 1234
 <211> 410
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1234

```

agctntagct tccaactcaa caggtaggtg acaagaattg ccatagacca attggaaagg 60
agtaagtctt gtaggagcta tgtatgttgt tctgcatgcc cacaaagctt catctagctt 120
ttgggaccaa tccttccttg attgagcaac tgttttttct aatattttct taactttcct 180
attagaaact tcagcttgcc catgtggtaa ggcgaagcta ccttggggtt gacactgtag 240
tgttggagga ctttggtgag ttatacatta caaaaatgag atcctccgtc acttattagt 300
accctgggtg tgccaaacct tgagaagata ttatttctta ggaagcaaatt aacaattttt 360
gcatttgcac gntgtaccac tactgattca acccattttc ttacatagtc 410
  
```

<210> 1235
 <211> 438
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1235

nttcaacaca naagttagtc gtaaataacg actaacaact cccctaaatt tacagttttg 60
 cttgtcctca agcaaagaaa gaacagttca cttgtcctca agtgacaagc tcacagtggg 120
 aagcaatgct ttcaaccaat ttatgggttct tttcaaccaa caaagaattc aatcacatga 180
 acacaagtgg caagcaatgc tttcaaccaa caacttttca caagatatac agatttttcaa 240
 agatatgaac atgataatta ggcacactaa tgaaataagc tagcaagcaa gacaaatatac 300
 aaggaagggt catcaagcca attcctcatg gtcactgttt cactcaagca caagtgttta 360
 ggctatttat caatcaacaa ccagcacaag tcccaaattt tgaatgtcat ctcatgccat 420
 acagtcacaa acacacta 438

<210> 1236
 <211> 398
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1236

agcttgtagg attatggngt acccatcaca tgtggtacta ggtggcggtc gggcgatggg 60
 gcacaacaag ttttccacat ccacaatgcg cgcataaacc caccatcccc tgttgcccac 120
 ctccaactga actcacgtac tcccacgtag cccatatacct cgttttctctc caccggggtc 180
 cccatcaatc ctcccaagct tccacaacat ccaatcaaaa caacattcaa acagcacaag 240
 ctatcacagc caagcaaaac agagcaaagg cagaaaactc tgctcaacac atcaacaaaa 300
 atcacagctt ttctctctta aggaccacag taacaattcc ttcgatccaa ttcggttaacc 360
 cgtggatcga ctnncaaaaat ttaactggaag tctatagt 398

<210> 1237
 <211> 429
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1237

ntccggattt agtcttcgcc agtgaaagga tcgatgtggg tccaaaaaga ggcaaatttg 60
 atcatcctac taggacgact gagaaaactg gggcaaataa agaggggtgag aaagagggag 120
 aaacccatgt tgtgactggc attcctatac ggccaagttt cccaccaacc caacaatgtc 180

attactcagc caataacaaa cctcctcctt acccaccgcc cagttatcca caaaggccat 240
ccctaaatca accacaaagc ctgtctaccg cacttccaat gacgaagacc accttttagca 300
caaaccacaaa aacaccaaca aaaaggaatt ttgtagcaaa aagcctgtag gggttcacccc 360
aaattccttt gtcatatgct aaacttgatc ccatatccac tcaataattc aatggtaggc 420
ataacccta 429

<210> 1238
<211> 359
<212> DNA
<213> Glycine max
<400> 1238

tccgacatcc gtgtgaaaag ttacgaccgt aaggatatgt ccagagctat catagttgaa 60
tttcgagcgt ctagacatag tatgcgcccg aatcggacat ccgtgtgaaa agttatgacg 120
atatgaatat ctcaagagct ttcgatgggtg agtttcgagt gtatcgatat attataatac 180
ctgaatcgga cctccgtgtg aaaagttatg actatatgca tttatcgaga gtttccgatg 240
tatagtttcg agcgtatcga tatattataa gcctgaatcg gacatccgtg tgaaaagtta 300
tgaccattag aattttctcag gagctttcgt tgtgcagttt cgagcgtctc gatatatga 359

<210> 1239
<211> 424
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1239

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caaagacatg catgatttta ctattgtatt tcttctccat ctcttccatt gaaaagtgca 120
ttttttgtac tattttattt ttctttcttc cattgtatat atatatatat atatacctat 180
tgattttctta ttgcagtcac gatttgagtt tttagagcaa actctttgag tcgatgggtgc 240
tactatcttc gaaaatcctt ctatgaatct tcgatagtat ccaaccaatc caacaaaatg 300
tgtaatctct atagctatct tatgggcgtt tcaactgcaaa attgtgtcta ccttggaagg 360
atccactaca ttgctacca ccaagatcac atgacctaa atccgtacct catcaagtca 420

aaac

424

<210> 1240
<211> 376
<212> DNA
<213> Glycine max

<400> 1240

gcaactagga tgttcggaag tatcaaagta atctgggaat ggaacattgg aaagctataa 60
agaaagttat gagatactta caaggaacaa aagatcacat gcttacatat aggaggtcta 120
atcatcttaa ggtgattggg tattcagact catactttgt tggatgtgtg gttatgagaa 180
aattcactct tggctatgta tttcttttag tcggaggagt aatatcatgg aagagtgcaa 240
agcaaccagt tgttgttggt gcacttacca tggaagtaga atttgcagca tgttttgagg 300
ctacaagtta agctaattga ctgcgaaact ttatctcagg gctctgaatt gacttacgac 360
tgctaggcat tgaaat 376

<210> 1241
<211> 442
<212> DNA
<213> Glycine max

<400> 1241

cagtgtgtcg tcccagagcta atcactgagc tcactttaaa tgggaaaacc gccctactct 60
tatataaagt cggacaccgt tcgttttttt tccttgaacc aaaccggtac cggttctccc 120
ttttttgccc gatggaacta acaacggccc aatttttatt cctttcacta tttctaactt 180
tccgaaaact aaaaataccc cccttggtgc ttacaaggca ccctgcattt tctttatggt 240
tttttgttta cacaacctat taattgaggc tgggctttta ttttcacatc aatttaatat 300
aagccttgct ttaaatttct ttatatatcc caacctgggt attgtggcct gctatatattt 360
caccacaaat tattttgcac ggcaatgtat ttttagttaa gaccatatat tttgctcggt 420
tttatttacc tgggatacta ac 442

<210> 1242
<211> 224
<212> DNA
<213> Glycine max

<400> 1242

ctaagcttat taagaggctt cctccagaag cttcattaag agacttctag cacactccag 60
acatcttctc aaagatccca acggtcagat catggaaagg tgcttggtga agttgaagac 120
caaatttcga gaagatccaa cgggttaatga aggctggaca gtgtttttac cgagccagct 180
tcatgtagct atttctagaa gctttattaa gaggcttttt ctag 224

<210> 1243

<211> 443

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1243

agcttcctcg gngccatttc ctgcgaaggc ttacatttgg aaagctagtt ctaccagtgn 60
gatactattc ttaaaacaaa aatgacatac aacctcctcc cataaatata aacatcaatg 120
taaatttaga ggaagcttat gcgcatatct ccttacaac gttctcttgc acaagacatt 180
ctattaacca aaaaaaatg caccatata caatcaaggc agcttcgtta cctagattat 240
ttacacgtac ttccaagggt tatttggttac ttacatcaca cacctccttg gctaaattca 300
catacatgca tactcaaagc attttgtggt accaaaaatt gcacatgtgc acatcttggt 360
atttctaata cctatacata cacaaacttc atgatgaatc ttgactatct acacaataag 420
gngctacatt ntatgctctt ttc 443

<210> 1244

<211> 300

<212> DNA

<213> Glycine max

<400> 1244

tagtggtag atgaagtaac attgtgtgct agtctagtgt cttttaagtg tacttgaaaa 60
gataaaaaga gaaaattact aagtttggtta gcgacgtag ggagtcattc aacaagaaat 120
taatactttt caaaattttc aagaactcca acataattttt cccaatttat aatttaaaaa 180
ttaaaciaag tttttatttt tctaaattca tattttaaat atattctaac atgagaaaaa 240
atgttatagt aaaaaaatg aatcgtaacc aaaaaataaa aatataggta aattaatagt 300

<210> 1245
 <211> 432
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1245

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 ccattgggag ttacatcccg aaggatatga tcaaatagct aactgcgta ttctatctca 120
 gtaccaactc tattttgtta aatgggtttt tttttatgga taatcgattc tggatgaattg 180
 tgaagagtta cttcatgtat aatgccttct attccacana actcattaaa taaaacatat 240
 tcaccactca tatcggatct acaccattgt attttcttat ttattttatt ttccactttc 300
 gctctatata aaagaaacat ataaaacact atacaatata tggatagcat atgaatgacc 360
 ctttaatgtn ttgctacgt tatgggtgtg acaccacaca ttactttaac aacctatctc 420
 ttgacctttt tg 432

<210> 1246
 <211> 298
 <212> DNA
 <213> Glycine max

<400> 1246

atcctctttc gaaacttcta gatgatattt accctttact gatgctaaaa atagcggcga 60
 ggaacgtcga gaagcagatc ccgtcggagc cgtactgggc attcttgatt ctgtacacat 120
 cagtgacact agaataatat cgtctctgcc gatctgtctg ttcgctgctg tatatgtttg 180
 ctagtcaagg gatattttca ttagaatcaa aatgtgctct cagcgttata acaggagaga 240
 cgacaaatgg atttggacag gacaacagag gcttgtgtga gagaaacgtt agaacctt 298

<210> 1247
 <211> 268
 <212> DNA
 <213> Glycine max

<400> 1247

cgatccacgt ttaagagaat ttgggggttag cccaataagc accttgacat ataaaagttt 60
 cattgacaat tgaagaaagg aattgcatga cagcgactga ccaatgtttc aatttcattc 120

aactaatgga atcgggttga gcctcctatt atcccaggca tttccttcct gtgggttatg 180
 ctgaaaactt ttatttaagg tgggtttggt gggagaaatc tttatcatat gtttctaaca 240
 aaatcgatct tttttaaggt ttgaagta 268

<210> 1248
 <211> 235
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1248

tttggtgacg atgccactac cgaggagaac cacttgggga tgtatcacca caattcgat 60
 catttggttac tcaaaccacc acccacataa aatttttggg ttattggtgg aggtaccaac 120
 gccttaatgt atggttagnng ctattcttgt tttatggctt ctgccagccc tttgttttat 180
 aaaaatagat tcaatcaaac cacgcatata ctgagctaatt ttgataaatc ataaa 235

<210> 1249
 <211> 91
 <212> DNA
 <213> Glycine max
 <400> 1249

agcttgtagg gttaggaatg gcggttaaga ttagagagag agtcaagtaa ctgtgaagcg 60
 actttattct aacagccgcg tgacatgagc c 91

<210> 1250
 <211> 132
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1250

tcacanaagt ttgtatggct tgaacaagc accgaggcag tggtaacaaga agtttaatga 60
 gtttatgagc aactcaggat tcaaaagatg tgacatgcac cattgctgct atgttaaaaa 120
 atatactacc ac 132

<210> 1251
 <211> 374
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1251

agctntataa gtgcgggtct gngagacgaa tgtcaagtgt ttgcgatatg tgaagatgat 60
gctccaagta cttcggattt ggttcgacca tgccctcctg atttccagct gngaaattgg 120
cgagtggagg aacgccccgg catttacgca acaagcataa tgtaaacctt tacggattta 180
aaagctctat agttgggect aggctttaga gatttcattt tgctaaggct ctgtgtcttt 240
tgtttttgaa ttataatac aaggatcttt cttcatctgt tactggctct taccattct 300
cattcatttg catgcttact tctttttctg acacggcaga ttcatgacc gagccccga 360
agggactaat acct 374

<210> 1252

<211> 365

<212> DNA

<213> Glycine max

<400> 1252

tgtaggatta tgtggtaccc actcacatgt ggtactaggt ggcgctcggg cgatgggtgca 60
caacaagttt tccacattca caatgcgcgc ataaaccac catccctgt gtggcacctc 120
caactgagct cacgtactcc cacgtagccc atatactcgt ttctgtcaac accgtgtccc 180
catcaatcct cccaagctta cacaacattc aagcacaaca acattcacac acgccaagct 240
atcacagtca agcagaacag agcacaggca gaacactctg ccaaaacacc aaccagatca 300
cagctattct cactcagcga cccagtaac aataccttcg ctccaattcg ataaccgctg 360
gatcg 365

<210> 1253

<211> 201

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1253

tcaccggatg atgccgatcg tacatttinct aatcgacttt atccaattgt tattcagggga 60
ttgaatagaa tataacaatgt ccgttgctgt tcgttatatg gccccgactg atatctttca 120

gacgacattg cgcaatttct cttacaaacg ctggccgata atgttttttt atttacggta 180
taggaagttt tttgttttgt t 201

<210> 1254
<211> 391
<212> DNA
<213> Glycine max

<400> 1254

tgcttgtgga gcttctatgg aggctggatc ttgagcttct tgaggtcctt taatggatgat 60
tttccaccat ggagatgcag tggaagacaa aggagaagag gtaagaggcg gcgccatcca 120
ctaggaata agccttgga gaaggagctt caccatcaag atgagccttg gataagaagc 180
ttggagagga tgcttcaatg gaggaaga aagagggaga gaaagagaga ggggggagca 240
cgaaattgaa agaagataaa gggagagaag ttgaactttg agttgtgtct cacaagactc 300
tcattcatca aagttacaac aagtgttata catgcttcta tttatagact aggtagcttc 360
cttgagaagc tttcttaaga aaacttcctt g 391

<210> 1255
<211> 326
<212> DNA
<213> Glycine max

<400> 1255

gcttcttttag aggcttactc cagatgcttc attatgagac ttctagcact ctccatacat 60
cttctcatag atcccatcgg acagatcatg gatagggtgtc ttggtgatag ttgaagcacc 120
atgtctcaag acgatccaac gggtactgaa tgctggactg ctgttttacc gagccagctt 180
catgtaactc tctgtcgaag cttcattaca aggcttctac tataggcttc ctctgtggctt 240
cgttgagaag ctgtgtccag aggcttcttt gtgaagctac attcttatct atccaccctt 300
ctattaacta aattagctta cttaat 326

<210> 1256
<211> 411
<212> DNA
<213> Glycine max

<400> 1256

gcaagcttga gcattcaata tctgatgac ggtgttccat atctcctcaa cactggacta 60
 atacatttga ggactaaggt tcatgggtctt gcacgtgaag attcttataa gcactttaag 120
 gagctccata ttgtttgctc caccatgaag cccctgatg tccaagaaga tcatatcttc 180
 ttaaaagctt ttcctcattc tctagaggga gtggctaaag attggctata ctaccttgct 240
 cctaggtcca ttttcagcct gggatgacct taagatgggtg ctcttggaga aatttatctc 300
 tacatctatg gacactgcct tcatataaga catctcatgc atcatgcac ttattgggga 360
 gagcttgctt gattactacg aaagattcta caaattatgt gcaagtatgc c 411

<210> 1257
 <211> 355
 <212> DNA
 <213> Glycine max

<400> 1257

tctgattcta gtaatgatcc atgtggcgct cctaaataat gtactgggtta ataataataa 60
 attaaatagc aaaaactatg ggattctttc ttttcttttt ctcttctctc tctttttcat 120
 agcaattaaa ttcataagga atattatcac tatagagtcc tgaatggcct gttcacaact 180
 ctatgcagag tcatttcttt ctgatcactt gtaaccctca aactattttg ctctttcaaa 240
 agaaaataaa ccaaccatcg tttatgtcgc acgtgagaaa tataaaatgc ggtcgataac 300
 tctttcaata aaatttgtaa cactttcttt caataatata tagtggcatc agagc 355

<210> 1258
 <211> 306
 <212> DNA
 <213> Glycine max

<400> 1258

atggacttac cttgaattaa tttctttgat agcctgttg agcctgggtt cctatcctt 60
 gtttagaagc tcactacaag ccttaagtga aaaaccatga tattaccata tcttaagga 120
 attttgagc tttggaaatg ttttgggaat aagagtgggg ggtttttgtt tcattggaca 180
 acttgttctg ttggctatgc tttatgatgt atgttgggcc atacttgatg tacattgtat 240
 agttggtaaa tgttgacat gctgaatgaa atgttgttct caaaggtaaa aaaaaaata 300
 aaaatt 306

<210> 1259
 <211> 470
 <212> DNA
 <213> Glycine max

<400> 1259

tgacactata aaactaagct tccatagggtt attccaagat catgatgaag accaagtcaa 60
 cttgtgtctc atgacaaaat ctcatgagaa caacaaagaa gaatctgtaa ggaagaagtg 120
 gtacatcgac agtggatggt ccaagcatat gacaggagat gtatccaaat ttacaacat 180
 ttctcctaag aaaagtggac acgttacata tggcgacaac aacaaaggca aaattattgg 240
 agtcggtaaa ataggtacga gttcttctac tcctattgaa aatgttatac ttgtacaagg 300
 tttgaagcat agcctattaa gtgttagtca attatgtgat aaaggatata aagtatcttt 360
 tgattctgaa aaatgtgtta ttaagaatga gcatgataaa gatatcgaac atatatgggtt 420
 cagagaatat aatgtctaca tgattgattt ataacaacaa cctgatatga 470

<210> 1260
 <211> 351
 <212> DNA
 <213> Glycine max

<400> 1260

gttgaaagac actattatat atatacttaa acatatgcga atacaattaa ccaccgagca 60
 taagccacca ttatgaaacc tgccttgcta tgaaaacaaa aggggtgcaaa tatttttaac 120
 aattttgaaa tggataatta gggttgcaag gagggccgag aattataaaa tcctgttaatt 180
 cgttttaaate atctgttgat atagacaagc atgcggaatc atgttaaacy attctactgt 240
 gatttgata tgatagattt atttctaaat acttatcaaa catgtaccac aaatgtggta 300
 tggagcatta ctagagttgc attctgatcg catatatcac attacagtgt a 351

<210> 1261
 <211> 433
 <212> DNA
 <213> Glycine max

<400> 1261

ctcatctatc tccactatgt tgcctaatgc ctgaaatggt atttctgatg gcagtgttcc 60

taaatgtagg gaagaatttc tctaagaaca cccgcttaag gtcaccccag ctgaaaatat 120
 acctgcgagc aagggaatat agccaatctt ttgactccc tccagagaat gaggaaaagc 180
 ctttataaag atatgatctt cttggacgtt atggggcttc atggtggaac atacaatatg 240
 gaactcctta agatgtttat gaggatcttc acctgcaaga ccgtgaaact tacgcagcaa 300
 ttgtattatt ccagtcttga gaacatatgg aacaccctca ttaggatatt gaatgcacaa 360
 gctttcataa gtgaaatcag gtgcatccat ctccctaaga gttctttacg aggtggaggt 420
 tgaccatggt ctt 433

<210> 1262
 <211> 193
 <212> DNA
 <213> Glycine max

<400> 1262

ctttgactct ctcaagatgc ttctttacat aggacgcctg tgctagacct tctttatgct 60
 tataaacata agcattaggc ataggcaaaa gatctacagg agttagaggg ttaataccat 120
 aaacaacttt ccaatgaaaa ctactagagg tgctatgaac agctatatattg ttgcaaatca 180
 ccatggagta aac 193

<210> 1263
 <211> 366
 <212> DNA
 <213> Glycine max

<400> 1263

agcgtctcga tttcttatgc ggctgggtcg gccatcttta cttaatggtc tgacacgcga 60
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 atagcctaca ccagacatgc cagcaccatc ttgagcattt atgaggctcc gtatgccaac 180
 ttcgtgcgtg cctatacaca ttgcgggtta ataaccgttc cccaacataa gtcaggacct 240
 tattactgtt gcaagagcct gacaagggtg accacaaacg gattcctctg ttgagctgct 300
 gactacctca tatgactgga aagtgggtgac tatcgaattt tctgcagatc ccacataagg 360
 cattta 366

<210> 1264

<211> 152
 <212> DNA
 <213> Glycine max

<400> 1264

ttctgggagg caatttactg gagtcgcact ccaacacaat aagttcttat ttctaattca 60
 tggtagaaga acatctactt tcgtttgccc ataagaatga gcttgtatac aagagctatg 120
 gtgatgaaaa tgtacactgt gatttcactt ct 152

<210> 1265
 <211> 385
 <212> DNA
 <213> Glycine max

<400> 1265

tgcaacagca tgctatatac acatctttat attcatgagt gtatgattag atttcgaaat 60
 acggtaccgt tgaagtagat aaatgtatct tccttggaat tatacattgt ctttgtctga 120
 aattgaacat gtatttcttg gtccagagtt tcgcaagtca aatgactctg ttgctatata 180
 ttatagaagt gcatcttctg agagaacttt attttataaa ttgaatgaat tacgaattaa 240
 aagaaattta cgaattagaa gactaaaaga ctcacttatt gaattctata aattaacaaa 300
 cttacgaatt gtaagaaata aagtttggaa ttatcagaac tgaataagtg attaataaaa 360
 atatgttatt tagcaaaaagg agata 385

<210> 1266
 <211> 197
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1266

ntagcaactc tntctttntg tttagtcaat acttctaattg ctcttaattct ctctcatct 60
 aaatcaacca actcatctga catcattttc caataatggt cgattggaat gtccatttgt 120
 tnttgtagcc tggctgattg caaatgtatt tcgaccggaa gtacagcatc atgcccatta 180
 atctatcgaa taggggt 197

<210> 1267
 <211> 385

<212> DNA
<213> Glycine max

<400> 1267

agcttatccc tagaggggat ggaccttttt atgttttgga gaggatcaat aactatgcct 60
cattgttgga cctcccacaa tagtatggag tctccaccac ttttcacaat tctgatttaa 120
ctccttacgt aggcggagct gacattgagg aggaggaact aacatgattg atgtctaatt 180
ctcttaaagg gaaggggatg atgcaatcct ccctatgaag ggaccaatca ctataacat 240
gatcaagaag ctccaaaaaa gattgagcta aagctgatga ataacgccct agggtttctca 300
tgaaccttac ggacattttt gagcccatga gccaagggtg cgtccaatta tctttgtaca 360
tattacacta ggatgccata atatt 385

<210> 1268
<211> 415
<212> DNA
<213> Glycine max

<400> 1268

agcgtctcaa tatattattg gcctgaatca gacatccgaa tcaaaagtta tggctgttta 60
actatgccat gtgcttccat gttcaatttt gagcatctcg atatattatg cacctgaatc 120
gggcatctga gtgaaaagtt atgccatatg agttagccga gagcttcggt gttcgatttc 180
gagcgtcatc gacatattat tggcctgaat cggacatccg agtcaaaagt gatggcagtt 240
taaactttac atgtgcttcc atgtttaatt ttgagcatct cgatatatta tgcacctgaa 300
tcggacatct gagagaaaag ttatgccata tgagatagct gagagcattc gttgttcatt 360
ttcgagcgac tcgatatatt atcggcctga attggacatc cgagtcaaaa gttat 415

<210> 1269
<211> 334
<212> DNA
<213> Glycine max

<400> 1269

agcttcatga tgaatcaaga ttgattcagt gagttttgat gataacaaag atgatgacaa 60
agagctcaaa agtcaagatc acttcctgat acaaagatg atgacattca agaatgagtt 120
caagattgag tcaagaacac ttcaaggatc atgagcaa at ttgatttcaa gaatcaagaa 180

tcaagattca agattcaaag attcaagaat aatcaagatc aagattcaag aatcaagaga 240
agacttaatc ttgataagct ttataaagtt tgtcagaaca ttgagtagca caagaagttt 300
tcacacaatc attaccacag agtttttact ctct 334

<210> 1270
<211> 400
<212> DNA
<213> Glycine max

<400> 1270

tctacttatg tggcagggcg ggcttccttc accttcttgt ctccaacgcg aactttgacc 60
actgttcttc cttcccgcca tgcttctttt catgtccgcc tgagtgggct tatagcctaa 120
accatacttc ccacgatttc cttgggtatt tatcaggcta gttatgccgc cgttggtttt 180
gcctaaacct atcccgggtt cataaccgtt cccaacata actcgggcca tcattaccgc 240
tgcacgcgac agacaaggct gcccaaagag ggagtccacg gaggaatgc tgaccacctc 300
aaaagactgg aaagcagttt ctaacgattc ttctgcggct tccacataag gcatggagga 360
tgggcagctt accaagatat cttcctcgcc tgacacgatg 400

<210> 1271
<211> 450
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1271

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aacatgctta aaaaaacttc ctttaatctt tattatatat attaacataa attctttttt 120
taatttcaag aaaacatttt cacaatatat aatacatttt ttaaaaaata aatatagagg 180
tgttacactg gtggttgga gcatagggtg aggtggtagt ttatgactan ggtaataatt 240
ctctacaaa tgagctatac tattggaata tatatttcta caagacggtt ggaatatgtt 300
agagagatta aatgttacgt tattgctata aggattgggt tgatatcata aaaaattgggt 360
gtagtgaact ttcacgcat agtttaaaga catcacaact aaaactaaca cgagtgttgt 420
attaatgtct taacatacgt cttaatcaat 450

<210> 1272
 <211> 428
 <212> DNA
 <213> Glycine max

<400> 1272

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ttgagccaaa atcctaactc accatatacc ttgacccatg gtgagaatgt caatccttac   60
cctcggaagc aaataataat agaatgaaaa tatccaatca aagaaaaaaaa aaagagaagg  120
aaaattttcca atcaaagaga aagcaaaata aaaaaagaga gaaggaaaat ttccaatcaa  180
aggaaaaaag ataggaaagg aaattcccaa tcaaagagtg ggagaaagcg aaaagaaaag  240
aaagataatt cccaaccaa gagtgggaga tagtaaaagg aaggaaagat agctcctgat  300
caatgattga aagacatcag aatatatgtg cataaaggtc tttggaccgg acaatatctg  360
tacaatacag aattgtcacc aaatgaacaa aataaaaagg gaaaggaaac catgacctga  420
aatggtct                                         428
  
```

<210> 1273
 <211> 400
 <212> DNA
 <213> Glycine max

<400> 1273

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gaagaaattc atatggtcat aactattcac tcggatgtcc gattcaggtg tatcacatat   60
caagacgctc gaaatttaac aacggaagct ctcgataaat tcaaattgtc ataccttttc  120
acacggaggt cctattttatg cgcttaatat atcgagaagc tcgaaattga acaacggaag  180
ctctcgggaa atcaacatgg tcataactta tgactcagat gtccgattat gcgaatcata  240
tatcgagaag ctcgaaattg atcaatggaa gctctcgaga attccaatgg tcataacggt  300
taacatggag gtctgaccat gcgcataata taatgacacg cttgaaattg aacaacggaa  360
gctcttgaga taaccaaattg agcattactt ttcacacgga                                         400
  
```

<210> 1274
 <211> 354
 <212> DNA
 <213> Glycine max

<400> 1274

gcttataatg tcttacggga aataaccac taacacacac aaggccaaaa gatcaattaa 60
 acatgcttaa aaaaacttcc tttaatgttt attatatata ttaacataaa ttcttttttt 120
 aatttcaaga aaacattttc acaatatata atacatttct taaaaaataa atatagaggt 180
 gttacactgg tggttgggag catacgttga ggtggtagtt tacgactaag taataatttc 240
 tcctacaaat gagctatact attggaatat atatttttac aagacgggtg gaatatgtta 300
 gagagattaa atgttaggtt attgctataa gtattggttt gatatcataa aaaa 354

<210> 1275
 <211> 407
 <212> DNA
 <213> Glycine max

<400> 1275

tcatcatcc accaccgccc ccaccatcat cttagaatta tattttaata ttattactac 60
 tttgattttc agccttgtat tttggctata ttattatggt atgtgaacaa ttactatatt 120
 ccttatttgc atggtatgtt tggaccaatg ttaagtatgt tatttgacta tgtggagtgt 180
 ataattaatc tattcatggt tgtatgctcc atggttttca tggttcttgc ttcttgcttg 240
 atgatttggg tgatattttt ttatgaacat tgaatggatg tttaaattaa atttgtttga 300
 tacgcactgt ggctgtttgt tgatcccaaa attataatat atgcacagat tctgaaacaa 360
 aggggggagaa tctatgtgag tgatcgacta ggagatagtg tgtgtgt 407

<210> 1276
 <211> 292
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1276

gcttaacctt tegtctgnac agtctttata tttgggagcc aatccaatcc ttgtgttcgg 60
 actctcagcc acttatgata gccgccgatg atcccattac ggcttcccct aagctctctg 120
 tcttttcttc acgccgcac ccattgccttg cgaactcctt ggagtaccct cgcgttgtgg 180
 tcaactgaaac cccgtgcatg gaaaggcgtg atgctatcgt ctgatggcac tcctctcatg 240
 aggtagccaa gctgtcttat ggcgaggacg ggattataat taatacaacc cc 292

<210> 1277
 <211> 397
 <212> DNA
 <213> Glycine max

<400> 1277

gtgacactat atataactaag ctttataatt atgcacacaa cttcaaataca agccccgact 60
 atggtggcctt tcgaacaaac aaataaaaac ccttcgctca atggcgcatc attcttaata 120
 aattctaaaa aagaaaaaaa aaagtaagag gttactgtat gagttcttga aagaatgctg 180
 ctgcgataaa aggtgcgtct gcaatgagag aagggatgag ctatattatt atattgggtg 240
 agaagatgga agaacctcgg tattgggaga ggagggggaa caggtaaagg ggtctcttcc 300
 ttcacctcca tgctatacca tattcatttt acttttatca tatgatgtct catgatctaa 360
 tcaaatcctc ttttaagaagt taaatagaat ataaaat 397

<210> 1278
 <211> 488
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1278

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 tgggtaccca tcagtttgtg ttactatggt ggagaatgga cacacggctc tcataaatat 120
 aggctcattc acattgcgcg cagaaacgca ccatccctg atgccacca acaactgagc 180
 ttacgtactg ccacgtagca catatacacg atgatcttca cccgggacct cagaatacct 240
 cccagccta caaacctcct aatcctacag cgttcaaaca gtactagcaa tcacatccgc 300
 gctatcttga tgccgggcgt ggaacaatgt tcgcacataa acgaagatac ctgttatctc 360
 ttttaaggacg cacagaagca ttctgaaata atgaacnccg gtgggcgact tgagttcaaa 420
 ctgaagccgt atagtctact catctacggc tcacgagatg acgggggaaac cccatagtaa 480
 aaagtttg 488

<210> 1279
 <211> 455
 <212> DNA
 <213> Glycine max

<400> 1279

agcttataag aacccaaaatg ccttaatcat ttccatatat gcatgtgaat taggacgcat 60
caacaagaat caagccaagg ctattgtgca agcaatcaat ggggcaaac acaccaaag 120
attataatga tggatggctc aaattctcac aaaggtaaaa tcatcacttt caaattgagc 180
tttcaaaact atcatgacat gtagagaaga atcaaggatt tcaagtcaca aaatgtcaag 240
aacttttatt ttcaaaaaca ttaccatttt cttgaacata tcctataatt caaagaaaaa 300
catgcaaagt cgtacgtgca cacaaaattg acccaaaata ttaaactgaa aatccgacga 360
tactaacagc attaacatat taacacaact aacaaattta acaaaccaac ataactagca 420
aaaccaaaga acactctccc ccccccccc atact 455

<210> 1280

<211> 486

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1280

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ctttccttgt tttgaagctc actacaagcc ttaagtgaag aaccatgata tcaccatata 120
cttaaggaat gttggagctt tggaattggt ttgggaataa gtgtgggggg tttttgtttc 180
attggataat atgttttggt ggctatgctt catgatgtaa ttttggccca tacttgatgt 240
acattgtata ttggttaaatt gttggaaatg cggaatgaga tgctgnttct caaatgctac 300
agagtattaa aaatataatt aaaaaataat aataattaaa aaatcgaata agaacaagat 360
aaccaagaaa gttgagtga taagatctta aatggaatat gaatgatgag actgcttgat 420
ctactctcta tgggttaaatt ctatctttat gtcttcttat atttctctat atatgcactt 480
attccc 486

<210> 1281

<211> 428

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1281

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agaggatggc gctcctctc acctcttctc ctttgtcttc cgctgcatct ttatgggtgaa 120
aatcaccatt aatggacgtc attgaagctc agagatccag cctccataga agccccacaa 180
gcaagtctcc atcaagtggg aatcaaagca caagagcttc aagtaggagc tccttataacc 240
tacattaatc ttttttcttt accttctctt ccattgttgc ttcttcattt ttctccatgt 300
atctctcac attgcttggt atanatgtcg ttaacatgat tncctatagt ttccaccaat 360
taaacttgct atagaaacta atttgaattt ctatggttca aattgttctt gttcttgaac 420
catgaatt 428

<210> 1282
<211> 413
<212> DNA
<213> Glycine max

<400> 1282
tcagaccaca acaacacaaa atctaggtat ccaaaccctc tcaatttaat ggattttcaa 60
ggtttgagaa gtgaaattga gaatgaggta aatttgagc aaactctcac ctacacaaag 120
tctataacat caatttaaac ttgctcaaac tggatttaca cctaaaattc caccgaatca 180
aaatttgact cctcaacacc caattttacc ctagaaatgg ctctttgttc actttgggtca 240
tttgtttttc tctcttgtag agcccaagct ttctcataag tgctaaatga catttcaagc 300
taggattaac tcactttaac ctccaaatgc cactaaatcc agatatggcc ttccaactct 360
caaaacccta ctctttttcc actcataaca ccatattctc actttctaac cct 413

<210> 1283
<211> 196
<212> DNA
<213> Glycine max

<400> 1283
aggactggtg ttttactgca ctgcggttag ggcaccatgg tatgggaatc gcatgactgc 60
ccatttggtg attatggaca gaaaagatcc atggaaacga tacctagcag gcacaccata 120
cactggaatc tgatgcacca atgaagcgta ctaaggtgcc tcacattcac attcacgttc 180
tcctctctt acacat 196

<210> 1284
 <211> 574
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1284

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agattatattt atttttcggg antnacgtta nntnnttacc gcacgcgctt tgataccctg 60
ctatccgtga cacttcagag tactcaagct ctcgatatcac ttacacaca cttcctgata 120
gcgccgtctt aggtggcttg caaacgaaca taattaaccc cattgctcct aggcgcacta 180
ctctcaaaga attgcaagat agaagaaaac aagtaacagg gtactgtctg agctcttgaa 240
acaatgctgc tgcgacataa ggcgcttcag acacgagata acgcatgagc tatatatata 300
tatgggtggc gaagacggat gaaccttgga attgcgagat gaggggggaa acgtataggg 360
gtctctccct ttacctgcta gcaatacctg tatgtgcata ctttcatctt acgatgtccc 420
atgatctaata ctaaccccct ttagagccta actcattata agatcgatga cttttctctc 480
aattagttat attaatcttc aaattgtaga ctgcaactac gattttttacg cctacataat 540
cttcatccgc tacgctttca cgattccctc atcc 574
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<210> 1285
 <211> 190
 <212> DNA
 <213> Glycine max

<400> 1285

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tctaaaaaga ggcaaactctg atcatcatgc ttgtataaat gcaaagaaaa aaaaaaaaaa 60
actacggcaa atgaagaggg tgagaatgag ggagaagccc atgctgtgac tgccattcct 120
atacagccaa gttgtccacc aaccaacaa tgtcattact cagccaataa acaaaccttg 180
tacttaccca 190
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<210> 1286
 <211> 378
 <212> DNA
 <213> Glycine max

<400> 1286

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ttcaggacct tgaataactca gcttgataag gttccgcgtg gatcgctcgca aaacgaaggt 60
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gcgaaccttg cttcgattgc ttggagaatg gctgaccacg acgtgatgaa attgttcctg 120
 aacatccatt gaaaccagct gagagcttgt ccatcgaagt aaaaagaggc cactggtcct 180
 caaagaatcg cgatactttg aagatccatc ctagaggatc gtggccgtca aagcggggca 240
 cgtcaagctt gacagctggc tgtgggtgtg gagaatgttg ggaagacgct ggtgaggcaa 300
 aagtaaggtg ggagagacgc tcgcaccatg cttcgaactt attggccaag tcggagtgtc 360
 tctcggagag ggctgcta 378

<210> 1287
 <211> 408
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1287

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 ttagaaaatg gatctgttac tctgtgcctg caaggactgc tgacccttcc acctgatagt 120
 ttatcgcatc agatagacaa aatatatcat gagatataag tctctaagtt cataactaga 180
 gagagccaca cagtctaaat aagcaaacta accatgaatg caaaaacaaa tattgaaata 240
 aataatacca ctattatgtg tagtgcagct ttccaacttt tgtacctaac tgaaggagac 300
 ttgtcaatca cttgagagcc tgtagcagat gcaatactgt aatgaatgaa gcttcatcgt 360
 gagaactgtg gtaaaaccta tagtgacaga caattagtca tcattata 408

<210> 1288
 <211> 406
 <212> DNA
 <213> Glycine max
 <400> 1288

tgagtaagcc tctctaagag agaataataat aatcttatat aagtctctat cctcaagcat 60
 gagtgaacca ccgtagagcg agtctatctc aatacaagag tgaattcact ccttggagtg 120
 aggaagctat aaagtaagag agcctctatg agagagaaga taaatttttt gggatagact 180
 ctatcctcaa gcttgagtga gtcaccatag aatgagtcaa ttttggttaac acatccttgc 240
 taccctacta tcacattgta tagtggaaga atctgcatat tggagaatta taatcgtgtg 300

ctcccatgac tactcttaat tactaagtgc ctattttaac tttacgaagc gggatagtcc 360
gaatattcac tacaaagcct gtatataaaa atacttcatg catgta 406

<210> 1289
<211> 273
<212> DNA
<213> Glycine max

<400> 1289

tcttggttaat ttaggttaa atcgacctt aacgagttat atacatatcg agatattaac 60
ctgattacat ccatacctcg taataacaat gttaatacct cagagagaaa aaatgtcact 120
aaaaattacg ttacttgaat taatgggcat cactatatatt gttggtatta acacaaagca 180
cagtcactga aacagaccaa gttaaataat agtgacacca aattacactc actacttggt 240
ggagggtgaa ttcataaggta acactatatt ctg 273

<210> 1290
<211> 255
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1290

agctntgcgg tggtcggtgg cggcaaacat ggtacgccga tggcgtctat tcgtcgcgga 60
cgtacggatg gcttccggat caacttgatc cgtaagctac gaatcaagtt gatccgtaac 120
atccttccgg atcaagttga tccgtaagtn ccggatcaac ttgatccgta agcgtattat 180
ttttggtatt tgcacggct tttgcatttt tgcccttgcc ttttcattta tttccctttt 240
tattttaaac tacta 255

<210> 1291
<211> 463
<212> DNA
<213> Glycine max

<400> 1291

ctgtcttgac ttatttatac ccataccct caatattata ctataatatc tatatgtaca 60
ctatgatatt gttgagtcta attaataatc aaaatgttat tgtgtattgc ttgatttgc 120
acatgttatt gatgtgaaat atttatcaac tttagtata agttaatgac taattgctat 180

tgacagagtt ggctaaccac atctatcagg gtctattccg aactattatt tttcatacac 240
aagtagtggc aaagtcaa atttttttta tggggtgaaa aaatagttat aatattttca 300
tagatgaaaa ataatatgag ttttattaaa atgggtactaa aggaattaga aatggtaaaa 360
attaaaaagg gtaagtggat aaaaatagta ccaattttatc ttttttctact ttttaactttt 420
ataacttttt atattcatct tttttttaag aaaattatct tat 463

<210> 1292
<211> 460
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1292

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atgaagcaga aaactagcga gagtacccat catatctccc aaagcccat acccacgaaa 120
tgtaagagag aaggatgtgc acccaaacct gaaatttcga agtcccactc gtagccacgc 180
acttcacgac tccgaaaatg ccttcctttt gcgatatggg gcagagatga tggccaaagg 240
gtgaagcttt gcttggagct tcaatggaga atgaagaaga agataatggc aacgtgaggg 300
agagagagag ctgtctgaga agtgcggggg ctgagtgaag agagagacaa gctctttggg 360
tttaataaaa aggggtgtgt ctgtttctat tattgtatct aagctatgcc gcatgtctnc 420
gtttgagtgg agcaataagg gccacttta ccttttgact 460

<210> 1293
<211> 393
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1293

tcttgtataa tttagttaat tattgacctt aaacgagtaa tatacatatt gatantttca 60
cctggtaaca tccatactc ataaaaacaa tgttaatacc tcagagagaa aaaatgtcac 120
taaaaattat gttacttgaa ttaatgggca tcactatatt tgttgggtatt aacacgaagc 180
ataatcactg aaacaaacca agttaaatta tagtgacacc aaattacact cactacatgt 240
nggtgggtcga attcataggc aacactatat tctgggtggtt aaatttaatt atcacagggtg 300

ccaccttacc acaatattac aaatattaag tgcaataaac cacatatata gtgcactaca 360
 ttccaacact tgatatatta cagaatttct act 393

<210> 1294
 <211> 351
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1294

gcttnctaga cgcctactnt agatacaact agatcagaat gcctcctcca cagaggaga 60
 aaatggcatt catcattgaa gatgccaaact tttgctatag ggtcatgcca ttcagcctaa 120
 aaaatgcagg cacaacataa caacaactaa tggaccgagt cttcaaaca cagataggac 180
 aaaatgccga ggtatatatg gacgacatga ttgtcaagtc tcaaactata cccaacatg 240
 tgggtggacct ggaagaagtt ttcggggaac tacgaaaata cgacatgctc ctcaacctg 300
 aaaaatgcac tcttggggta ggcaaccaca agtccctcac tacagcactg g 351

<210> 1295
 <211> 501
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1295

tgaccttcaa actaagcttg taaattagga ctttctctca gctgtcacac tccctctgtt 60
 cataattctc aatgaagttg cagagtgata aaatataatg caaaaggcta ataaaggttg 120
 gaccgggttaa taaggattag gtttatatga cttacaagaa ccttgctaac ggacgatcaa 180
 taaatatctc cataatgaca ttctttgagt cctaagacat atcgtgtaat gccctacaaa 240
 aagacctaa cttgcaccta atgagaaccg ttgaacttaa gtctatccta ggtcggccta 300
 ttaatttcag cccaaaatga aggatgacga atggataagt gagctntcct aagttgtaga 360
 gtgataaaat ataatgcaa aggctaataa aagttggacc agataataag gattagattt 420
 atatgactta caagaacctt gctaattgtac gatcaataaa tatctccata atgacattct 480
 gagtccaaag acatatcatg t 501

<210> 1296
 <211> 343
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1296

aagtttgaat atgatgtata agaaaatgaa tgtgaacctt tctccccttt gaaagacttg 60
 taaaaaaaaat gttttaaaaa tacttttaaat taatatctga attttttttc cttattagta 120
 tatatgtgag gggtagaggg tgtcacatcc tgcagcaaat aatgtgcaat atcataaccc 180
 ctaaactgta tatatcaact ttggcaatta ttggtgcaat ttntagccat tcaggtgcca 240
 tgtaacctat tgttcctttt aaattagtggt ttgttctagt ttggtccttg agtaatagct 300
 tggaaagcca aaaatctgca atctttgttg tgtgattggc atc 343

<210> 1297
 <211> 468
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1297

atgagcaact tataggagtc ttcacggctt gccagcttca cctgtcattg aagagcaacg 60
 acactcgtcg tagaggtgaa agaggactta tatttcaaaa tgatcatgat catccaatca 120
 tagccaacaa tggcaggtgg ggacgatgac gacccaacgc tatggatatg tcacacgaag 180
 ggagacgccc tgacatctnc actaccacta cctctcctca caccacaaga agtagaagag 240
 gaaaggatca caataaccaa ggtaggcttc ctggaagtag tggaagaccg cgccctcccg 300
 tgagggcgag aagtaccccg accagtacaa cacaaatccc tcaccctctc cgaagaggag 360
 gacttattgt aggaggcacc ataattagta tcttttgatg aagaacgcac caaagagatg 420
 acctcccacg ccatcatggg ttgctcaatt gagccctag aatcactg 468

<210> 1298
 <211> 60
 <212> DNA
 <213> Glycine max

<400> 1298

gagcttgagt ctgatttata tattacatat catgtagtag tatctgtgag tgagacctat 60

<210> 1299
 <211> 131
 <212> DNA
 <213> Glycine max

<400> 1299

atccaattca atatcctacg aaataatgca tcaatagagt atatgcaatc tatcataatg 60
 acaagttaat gggaacgaac taccaatcag taatttgcat agaaaagaca tcatctgagt 120
 cctaactagg a 131

<210> 1300
 <211> 438
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1300

catatgtacg actacggggc cgttcgccac ggacgaccag aaggcttcca gatccacaag 60
 ggcgcgcaaa taccaacaaa gtctgatggc cacctccaac tggactaacg gactcccacg 120
 tagcccatat cctcgnata tctccaccg ggtccccatc aaatctacca aacgttcaca 180
 acatccaatc agaacaacat gcatacagca catgctatca caggcaacca aaacagagca 240
 catgcagaaa actctgctca acacaacaac caaaaacaca gctcttctct cttaaggacc 300
 acagcaacaa tctcctccga tccaacacgt aaaccggtgg aacgactccc aaattatact 360
 gggaggtcta tatggcaciaa ggctacttg gtgaccgttg ggagcagaca gcaaacatca 420
 cgaacacatt acgtgccg 438

<210> 1301
 <211> 167
 <212> DNA
 <213> Glycine max

<400> 1301

aaccactgtg aggttatcca ccacaatgat gttaccaaact ccagactcaa actcgagatt 60
 cttctcctgg taaaccacct cgctcatcact gtaaaaaaag aaaagagtca gaaaagcgca 120
 cccctagggt tccgtttcag gggccagaac ctgaaaagg cgaagta 167

<210> 1302
 <211> 341
 <212> DNA
 <213> Glycine max

<400> 1302

ctgtcaagga gcttactagt tgggtatggt tcgtttaact gacaaaagtc acatattctg 60
 tatacttgaa gtttttttta tataaaattg catattcgga aaaaaattat tcattctcat 120
 tccttaaatt tgatggttta cgtgtatctt ctgtttactg attattaaca aaatatttcc 180
 cgatgagaaa cagttaatga ttgtcactct ttcctttggt tttttataca agagacaaag 240
 aactaattcc caaatccaat gaaagtagtt aataaattta caattctaatt ggcaattgta 300
 attattaatt ccaatatatc catataatta agtgttctat t 341

<210> 1303
 <211> 315
 <212> DNA
 <213> Glycine max

<400> 1303

ctgcagctaa caagctgtgt tatagagtgt gtttggcctt tctgactgaa aaagcgtttt 60
 aagaatcttg agcttgacct ttatactaaa caagccaagc gaagttgagc cttaaataatg 120
 ccgagccaaa tgccttgac aagctgctca ggtcatttcc atccttacg acaatcacat 180
 cgatagggat tataacttcg ataagggcct tcttctcact cttcctcag ctcgatatgt 240
 tataatctcc aaacttgagt tgacaacaat ggacacaaat agcgggatgt taagttagtt 300
 ttacggggat atcaa 315

<210> 1304
 <211> 473
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1304

tattaactct atacaagagt gaagctctga taccacttgt tagacaattg gctcaggta 60
 tcttaaaaag gggggtagaa ttaagatata caagctgtcc cccaattaaa atttaactgt 120
 ctcttttatt aacaatgcaa tcctctatta tgaattactc taagaacaat tcaaaaacaa 180

acttctttaa agcaaaatat aaacaataat aaataataga aatttaaggg aagagagact 240
acgaactcag tttttataact ggttcgacca cagcctgtgc ctacgtccag tctgcatgca 300
acccgcttaa gagttccact atcttgtaaa atacctttta caaagtctga agcacacatg 360
aacaaccctt cccttgcggt caaaaacctt acaacttaag agaacatcgg tactttaatc 420
aatctctttg agtgagaata agaagaagac ttctctatnt aggagaaaga tat 473

<210> 1305
<211> 433
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1305

agcttatcac acgtttcaac atatataaat ttatgtgcta tatttatgga tgtttccttg 60
aaataaggca ttgaaaaaca ggttttcttc acaattatat ctgattgtcc atcagatttt 120
ggctatacag attggtaact tcatcatgag aatcagtggg atatgccttc ttttaatgct 180
cgccagggac caagctgttc ctcacgggaa tgaataacac caatatgttt tattgcatgt 240
tgtttcagtt gacatttctt caaagaaaat gctaccaagt gttgttataa acaatacttt 300
cacggtcagg aataataaat atagaaaata tggtagaaaa caagaaanag attaanaagt 360
aagtttaata atcatcacia tctannaata atttatatta tcaactaaat atcaaaatta 420
gaattgatat aat 433

<210> 1306
<211> 455
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1306

gtgagtatag caattgttta tatagttagt tctaaaattg acatagcatt tgcgagggat 60
tcaaccattt tagctataga acctctagct gattatcctt ccccatatga aattcctcat 120
gctgattcaa ctgaaccacc ttcacaagat aatagccctt ctaatggctc aactgaatac 180
attgagttat attcaatgct attagaatat ttcgatctga ctggttatgg agtagtggtt 240
gatgggagga cagattctag ctctgtaagc tcttgacttg cctctaagaa ctggagttat 300

attaatttgt aaaaataata aagtgatgca ttaaattgtcc acatagatta tttgagttaa 360
aatttcaatt ttgatttagac aacaacaaca caaaagcatc aatagaactg tatctgagtt 420
ntgtcaaatg gcaattaatt agcaactcgg ggatg 455

<210> 1307
<211> 347
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1307

agctttcttg agaaaacttc cttgagaagc ttctttgaga naacttcctt gagaagctag 60
agcttagcta cacacacccc tctcataact aagctcacct ccttgagaag catccttaag 120
aagattcgta aagaagctag agcttagcta cacatacctc tctaatagct aagctcacct 180
ccttgagatg agaagctaga gcttagctac acacccccta taatagctaa gctcaccccc 240
atgacaaaaa acatgagaat aaaaaaaagt ccttattaca aagacaactc anaatgcccc 300
gaaatacaag gctaaaaccc tatactacta gaatggccaa aataaaa 347

<210> 1308
<211> 449
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1308

ttacagcaga atttagtaat gaccactaa cctagaatta aaataactta atgccattaa 60
cctaggggaat taaaacaaac taaatggctg agtgtaactg aaattggttg caaccaaag 120
tcacccccaa cagccaacaa gtcagccacc atttggcttc ccaaaggct gatgcctatg 180
ttgccaatg ggcccttatt acaacttgaa ctaaagccct tttagttgat taacccaaaa 240
catatttttg gtcagccaac tttacaagga ttgggccatt atttatacaa actaaacact 300
ctaaaattga aataaagtgg tgctatttag tcttccattt gggccatgat acaactcaca 360
accttggaact tttctccttg aaacttgngc ttgtattcaa atagtatgga cagcacttgg 420
tgaagagneg tcttggtctc ccttgctct 449

<210> 1309
 <211> 418
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1309

agcttcatgg tgaatcaaga ttgattcata gagttttgat gataacaaag ataatgacaa 60
 aaagctcaaa agtcaagatc acttcatgat aacaaagatg atgacattca agaatgactt 120
 caagattgag tcaagaacac ttcaaggatt aagaggaaat ttgatttcaa gaatcaagat 180
 tcaagaatca agaataatca agatcaagat tcaagaatca agagaagact taatcaagat 240
 aagtattaaa aagtttttca gaacattgag tagcacaaga agttttcaca aaatcattac 300
 taaagagttt tactctctgg taattgatta ccagattata gtaatcgatt accagtgggt 360
 ntaaaacgtt aagattttca aaattcanat gaagagtcac atttggtgat gtgtaatc 418

<210> 1310
 <211> 413
 <212> DNA
 <213> Glycine max

<400> 1310

tatgctgcaa acatttacia tagacctcct caacctcagc agcaaaatca atcacagcag 60
 aacaattatg acctctccag caacagatac aatcccggat ggaggaatca cctaattctc 120
 agatgggtcta gccctcaaca acaacaacaa cagcctgctc cttccttcca aaatgctgct 180
 ggccaagca gaccatacat tcgttcacca atccaacaac agcaacagcc ccagaaacaa 240
 caaacagtta aggctcctcc gtaaccttcc ctcgaagaac ttttgaggca aatgactatg 300
 caaaacatgc agtttcaaaa agagaccaga gcctccattc agagcttaac taattagatg 360
 ggacaattgg ctacacagtt aaatcaacaa cagtcccaga attctgacaa gct 413

<210> 1311
 <211> 506
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1311

acgattgatt gttagcgatc tagcacgcac ccagggatca tctgagncca cccgcatgca 60

tgcanacctt aggcttgtaa ttgctctcta ttgttgca gaagggcaac agtctgtgtg 120
 gtggtagtgc gaagaacata aaccacataa tctggccacc agtgcagatt atgtgattca 180
 tggctagtgt gggtaccagg ttaaccaagg caattagttt accttccaac tttttaagtt 240
 actggtgatg aacactgaat tcgaggcaac ttcactcact cctctaata caataacatc 300
 actactggca ctaaattggg gggagaatga agcctcttct caggaaaatt actgcttcaa 360
 taggggacat gacttcaagg gctccaccac tggcagcatc tattatactt gttttcgtgc 420
 ttctgagtcc ttcattggnat attggatgag aatctgctcc catattgggtg agaggccaac 480
 tgaccataat cctcaatctc tctacn 506

<210> 1312
 <211> 465
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1312

ttcacctgtc tntacataat cagagccatc aacagacttc ataaacatgg taccagcttg 60
 agagttaata gaaaaattaa tgatgcatct ttgtttccga tcagtccatg catcgacat 120
 aatagtacaa ccatacttga cccattgctc cctatggcct ttcataaat ttttagtata 180
 ttcaacttcc ttcttcaaga gtggaactct gatgtcatga tagctaggaa tgggcaaagt 240
 tggcccatat tgaccaatgg ctgcaacat tttctcaaag cttttcaata taatgaggtt 300
 gaatgacaaa cttgcttggg accaaaagcg agcaatatgt taatgcacct ttcaatactt 360
 cattcttacc cattgactct cttatgttca tttgctcag catctccatt tttctccgat 420
 tgattgcatt ttctggattc ttacaaaatt atgccattgg tcctt 465

<210> 1313
 <211> 512
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1313

catctattgt atctcatgc taccaccatn gatacantag agcctgcctg catgcatgca 60
 atcttgagac aacgttcatg tttatcttgt gtcgaagaac taacattcgg agcgagtagt 120

gcagtcacaca caacaatatc cttgatggga cttagatctt acactggagc tgcattttgc 180
 attttccaga attcgcagcg gatgtaatca tagaatatca tacgaaaaga tcatgagctt 240
 acccaagata actaatacga acctacacgg ccctctaaat aactcacata ttccttcaag 300
 acgatatact tgatattaaa acaattcctg attaataatg ctgatgctta tgcgacgtaa 360
 taaaatgctt ttatcctata ctattattat cgacgatgaa tctgccctca cgtgtgaaaa 420
 actgtgataa tggcgaattg tttcatcatg atgttcgaaa tcaagacttg gacagtataa 480
 aaaaagccga ttaacgaccg gagtcctttg at 512

<210> 1314
 <211> 441
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1314

tcataccatt ggcattgatt tttttttttt ttatcattct gtagttcttt tgttgagtaa 60
 ctatattata tttgaataaa aattctaaat ttgtttttcc attgccaaact tataccattt 120
 caataaatac cttacaatt tacactaatt aaataacaat gtaaaaaatt ccaataatta 180
 ttacataaga tcattcgtat aaaaanttga caagtatcaa cactaaattt caaatgacaa 240
 ttttattttt gttttgattg actatgtata tgaagatatc aaatgaggat ttatatatat 300
 aaaactaaag caccttataa tcttgaataa catcattaac taatatgagt acatccttat 360
 ttttcatttc atacnagttg ttttttaaca catcagggtc ggtctaataa ggaaagggtc 420
 gggatccta cacaagattc t 441

<210> 1315
 <211> 268
 <212> DNA
 <213> Glycine max

<400> 1315

ctaagctgaa ttgaaaacgg aagcttcgaa gtctaaacgt tcatagcctt ttcagacttg 60
 aagcatgggc gaactggaga gtgagaatgt cataagtgat gcatctttgt ttccgaacag 120
 tccatgcatg ggacataatt gcacagccat acttgacca ttgctatcta tggccttgca 180

tcaaagtttg tgtatataga aatttcttca gcaacagagg aagtcatatg tcatgatacc 240
taagaacaat caaatgcat ccatattg 268

<210> 1316
<211> 163
<212> DNA
<213> Glycine max

<400> 1316

tgatcttgaa agatgaattg gaggtttgct catgggtccaa aaaaaacttg tatcagcggc 60
tatgcgaaac agagaccaac atgctagcca ttgtcagcag gtaccaagaa gaactaaatc 120
tatccacggc ccacgagcat agagtgggtgg acgagtttgc cca 163

<210> 1317
<211> 392
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1317

agcttcaaga acattnttca ctggtggtgt ttacttcaac ttcactagnt agctctgcta 60
cacataatgg cttgtctagt gcaattactg ctgctagtaa aagtcctaata gtagtttcta 120
attctgtaat ttcattccct agcaatgtta gcttgaggca tgctaggctg ggccacccta 180
atagcccatg tcatgaagct agtcaatcat tgtaacattt cctcatctaa taaaaatttc 240
cagacttttg ctctcatgc tatatgggaa attctcacag atttccttct cactctttta 300
tttttgatac tctcctttgg agcttttttt atagacttgt ggggccttct cattaatttc 360
ctatgctgtt tcanatacta tgtcattaat tg 392

<210> 1318
<211> 303
<212> DNA
<213> Glycine max

<400> 1318

ttctaccact cctcaaggta atagcactca cattcccttt tgtattgata attggttggtg 60
ctggaatatt tccagaacca tggtgctgca actaattgac aattatagtt aactctccaa 120
tctgagtctg catgtcttgg atggtggcac aaacattcta ttgaaactga atgttggttag 180

tggccatttt cttcattggc tctccaagg aaggtccaaa actgctattc tgcataagggt 240
gtgcatatgt aggtgtagac tgccagaatt gttggtgtct aaatggagga gctcgggtatt 300
tga 303

<210> 1319
<211> 227
<212> DNA
<213> Glycine max

<400> 1319

agcttgtaac gccactggca atggcgggat ttagatgccg tcattggcag cagcgggatg 60
gggtatgact caacttaaac cgccagtacg aatgctggga caggctgatt agtagagaca 120
gagtgaccac tttagccat cgtaccttcc gtcattctgt gactctcacc tctctcctct 180
ccctcctct gttcttcac tttcttttct aaacctcttt ctcttct 227

<210> 1320
<211> 196
<212> DNA
<213> Glycine max

<400> 1320

tggtcaggtc ccattggtaa tactgctagc attagtgtta caaagcagaa gaaacacact 60
acagggtgatg cattggatgt atcaaatca tataaagggtg ccctcaagga taaagttaaa 120
ggaaagaaaa tcatagctta gatatttagt acattcttgc agagttaaata taagaaagaa 180
cctgtcccta cttcct 196

<210> 1321
<211> 337
<212> DNA
<213> Glycine max

<400> 1321

tgtttatatg aagaggagtc tagttatgga cttttaattg accctgaaac ttttgagact 60
aaagttgttg gaagcttcat aagaatcaga tgtgacccta atgattacct tcagaaaaac 120
tcacaccagc ttttgcaagt cacaggtaat ttggctgctg ttcgttgatt atgacattgc 180
attcaagtaa attctttttt ccctctaaat gtacacttca ctttcaatag gtatgttcat 240

caactgctta agttgaatac ttatgtttgc tagaagcaga ggttacaaac aataaagcaa 300
actgaaatgt acttaattac cttttttaca tcattag 337

<210> 1322
<211> 440
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1322

agctatntct taaagctttg ctacaacctt tttctcccc tctggcaaca tcaaaaagcc 60
gaagaactcg ggaatcaaca cagctataac aatggagtag caagatataa gcatcagagt 120
attaaatata ataagccaaa ctcacaaaca agaaataatt aaaccagaat ccaaataact 180
gaaaatgtca acaaccacaa aacatccaag actgacgtgt aaaatccaca cgataaataa 240
gcaaagtact tagcataata atgtaaattc taagaaacta aaagccaaaa tacacggctt 300
ataaaagata aataatcata acctaaaagc taagaagacg gaggaggtgg tggaagatcg 360
aaactctgac gaatgtagcc gacatcctct tcaagctgtg taagacgaat gttcataccg 420
gcaaagcgtg aatctaacga 440

<210> 1323
<211> 457
<212> DNA
<213> Glycine max

<400> 1323

tgtagaattc accccaatta cagtgaacctg tgctgacttg tctcccatat ctacttgata 60
attcaatggg agccataacc ctagccaagg ttcatacaacc tccattttctc cgagaatagc 120
actcgaacgc aacgtgtgct tgtaacggag aagccccgga gcgttccatt gagcatggta 180
gggctctgaa gcgtaaggcg caaggtctaa ttgatgcggg ctggctgaaa tttgaggaga 240
attgcgtgta aatcctgaca ttgacaagag atgccacaca tggggcaatt ttgaaagctg 300
ttgttaggtg tccctaataa ctcatacagg tttccaagtt tatgccatta ttgtaaacca 360
cagctacaat gttaaagtaa acggataaag ttgatatctt tggctcctcat cctctcacag 420
acgcttgctt gcttattcaa ctctcatcgg aatgcgg 457

<210> 1324
 <211> 99
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1324

agcttggaga ggatgcttca atggaggaaa tgaatgaggg agagaaagag agaggnggca 60
 gcacgaaatt gaaggaagaa acacgtagag cagctgttc 99

<210> 1325
 <211> 246
 <212> DNA
 <213> Glycine max

 <400> 1325

tcttatatga ggtacattca tgggtggtgaa gctccttctt ccatggctta ttccttagtg 60
 gatggtgcct cccctctcct cttctccttt gccttcggtt gcctctccat ggtgaaaaat 120
 cagcattgaa ggacctcatt gaatctcaaa gatccagcct ccatagaaac tccacaagca 180
 tgcttccatc aagggtgcctg ggatgctaata accttccccg tgcgctacaa ctcaaatcc 240
 ctcatc 246

<210> 1326
 <211> 356
 <212> DNA
 <213> Glycine max

 <400> 1326

taacaaatat tcacaccttt caaccaaagt ttccttagtg tggcaagatt actcaagtgt 60
 agaaacaaaa ccatcgatac ggctatatattg atatcattcg tgagtgtttt ttaatactat 120
 gagtacatta atggagaaaa tcaaactcat tgaataaaca tgtgaaatag aatgatgcta 180
 tgtgagatac actcttctga atgcagtgtc cggctgaaaa ttactaaata ctatacaatt 240
 gagtgagtct cacataacgg tctaacaata ttctccaaat ttataatttt caagcactac 300
 taatatgcgt gtataagagc atatgtggag cactcttcat acatatatat gtgatt 356

<210> 1327
 <211> 450

<212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1327

 agcttcttac atagtccgct nttgcttggt ctttatgctt aanaatagaa acattaggca 60
 tagacaaaag atcaagatga gttagtaggt taaaaccata aacaacttca aaaggagaac 120
 aattagtagt gctatgaaca actctattgt aagcaaactc aacatgtggt aaacaagctt 180
 cccaagtctt taagttcttc ctcaaaactg tcctaagcaa agttcccaat gtcctattaa 240
 caacttctgt ttgcctatca gtttgtgggt gacaagtggg tgaaaataac aatttagtgc 300
 ccaacttgcc ccacaaagtc ctgcaaaaat ggcttaggaa cttagagtcc ctatcactaa 360
 caatgctcct tggcanacca tggagtctca cacntctctt gaaaacaaat cagccacatg 420
 ggaagcatca tcaactcttt tacatggaat 450

<210> 1328
 <211> 396
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1328

 tgcctgtccg atgtagcagt aatgatggcc cgagttatgt tggngaacgg ctacgaaccc 60
 ggaatggggt taggcaaaga caacgacggc atgactaacc tgataaatgc caaaggaaat 120
 cgtgggaagt atgggttagg ctataagccc actcaggcag atataaagag aagcatcgcg 180
 ggaaggaaga gcggtagtca aagctcgtgg tcgagacaag aaggtgaagg aagcccgccc 240
 tgccacataa gtagaagctt tataagcgcg ggtctggggg acgaaggtca agtggtcgcg 300
 atatacgaag atgatgttcc gagtacattg gatttgggtac gaccatgccc tcttgatttc 360
 tagctgggaa attggcgagc ggagtgtcat acccta 396

<210> 1329
 <211> 504
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1329

cgacacgatt gggccgttcg tcgcagagaa nctntanagt ctactcgcag gcatgcacgc 60
ctacattatg ggcatctggt ccctcaacat tctctgtcat tagaatctaa ggaaaagatg 120
aaaggatggc agctggtggt gcaaaaaaaaa aagggaccac ccctgctggg gacctggttt 180
ntcctgcccc taaaaaatta actatttggg cattcacatt ccaacatttt cttttaatat 240
acgccaagtt gatgaccggg ctcaggcttc tataaaaagt aagagcatca gatccactc 300
ttcttggcct gcacaaggct atgattaaag ctgggacgcc tacgcgagaa gagtggaatg 360
agccataatg ttatctatca nagatcaagc cgccaatgtc atgtcattct tggactaacc 420
ataaccaact actctgtcat atcaagtctg agtgtggagg atgattatgt tgaagaaaca 480
gacactcatg tctggcatgt atag 504

<210> 1330
<211> 518
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1330

ngaagtgctt gattactgac ctctgatact cagcttgaag actccgctcc gattgaaggg 60
ctcctctcgg tgtggtgttt caacggagaa caacggaggt ccatggaagc tactggtttt 120
tgtgggtggt gaagaagaag ctngngacat tngngaaggg ttttggaga aagaaagaga 180
aaggaatggc tgtcaaggct acacganaaa caagacttga aacactcaag tgtttctgct 240
gttgggaaaa gagaagtttc tcacacaacc gaagacatat cacagatcgc aacggtcaga 300
tcgtggacat ctgtcctctg aactttcaga ctanatttcg agacgatcca acggttaacg 360
aatgtaggag ggcactttta ccaagacagc tttcttgaca agctttctcg tgagggcttc 420
ttgagaagct tcttgaaggc ttcttgagaa ctagagtta actatcacac cccttaatac 480
taactacctt ctaaaataaa catgataaat acacacan 518

<210> 1331
<211> 389
<212> DNA
<213> Glycine max
<400> 1331

gcttgagaat ggagaattgc actaagcaat cactacgcat agtccaaac tcgaaggtgg 60

aggacacatg aacgaaaaca caattcatgg ggctccgaaa aaggggttga gaatggagaa 120
 ttacactaag caatcactac gcatagctcc aaactcgaag gtggaggaca catgaacgat 180
 aacgcaattc atggggctcc gaaaagattg agaatggaga attgcactac gcaatcacta 240
 cgcatagctc caaacgcgaa ggtggaggac acatgaatga acacgcaatt catggcgctc 300
 cgaaaagatt gagaatggag aattgcacta agcaatcact acgcatagct ccaaactcga 360
 aggtggagga cacatgaatg aaaacgcaa 389

<210> 1332
 <211> 462
 <212> DNA
 <213> Glycine max

<400> 1332

cttcacaaat aatcatcaca cagcagagaa ctaacaaaac taccctcat atctcccaa 60
 accccatacc cacgaaattt aagagagaaa gaagtccacc caaacctgga ttttcgaagt 120
 cccactcgta gccacgcact tcacgacccc gaaaatgcc tcctttcgcg atttggagca 180
 gaaatgagca ccaaagggtg gagctttgtt ggggtttcaa tggagaatgg aggagaagga 240
 aaaagcaacg tgaggaagag ggagagcttc tgaattttct gttctggctg agtgaggaga 300
 gagacaagct ttttggctct aaataaaagg ttttctctt tttctattat tctattcaag 360
 ctctaccaca tgtccctatt tgattggagc aaacagggcc cactatctct ttttgactgt 420
 gaccatact cagtcacaag agtgagaaca atctgacctt tg 462

<210> 1333
 <211> 451
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1333

agctntgcaa taaagttaag gcagcaaacg atagagaaat gttagattnt aacttgcgtt 60
 gactgtacca tctcaacaat atgttttcac taaattctat gggcagcgga atactcttgt 120
 gcataagtta ttgtcaaaca aacctgaaat atattcctta tggaccttat cgcaatatat 180
 taataattta tttccagaac tgttaaaaat tgatttaaca taatattact gtagaagcct 240

cagatatgaa agaatgcttc tcatttcaac aaataaactt atagggttttc ccttaaccaa 300
aagcgtaata aattctaata gcttatgttg atataaagat ttggagtttc agccatgaat 360
ctattgcatt ttttaaggac catcgtgaaa ttttttttca caacgtgttg cccttaaaga 420
cagttcanaa tcgtcgtaga agacttctaa t 451

<210> 1334
<211> 431
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1334

agcactcana ccgagtgacc ctcaaggcct acactctgaa gagtctgtca gggcctctcc 60
ctcccgattc aggtccaacc tagaaaatat tttagcacac atactctata tatgaactgt 120
acaaaacaca tgactcctca attgttctca aaatagtttt aactcgtcgc ccttaaagag 180
tcttatagtc gtgtgattgt acaattcata gttcataact caatgcacac aacatctcaa 240
tcacgtgcat actcagttta tcacatacac tgaatctcaa tcacaatggg ataatctcaa 300
tttaacacgt tatcacactt catgaatcat atacacttta cctatgaacc atgcaataca 360
cagaattact caattatfff canaaccat ttaactcgcc gggntcccac agtggatctc 420
atcacatact c 431

<210> 1335
<211> 438
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1335

agctnttcta anagatatataa ctcgtctgaa tgactttctt gaccagacat gaagagtcta 60
taaaagcaag gctttgtttt gcatattaaa tcaattattc caagtctttc taacaatctc 120
ttacaatcct ttacaagcct tgagtctctt tgaacttctt cttcttttga ccaaaagtgt 180
tctgaagttt tctggttttc taaaccttga aaacttgtgc tattcatcct ttccattctc 240
ttctcccttt gccaaaaaga attcaccaag gactaatcgc ctgaattctt tttgtgtctc 300
tcttctctct tttccaaaag aaggaaggac caaccgcctg aattcttttg tgtctccctt 360

ctcccttgtc aaagaattca aaacgacaca gtctgagaat tcttttgatt cttcccatc 420
cctaatacaa aagcggtc 438

<210> 1336
<211> 340
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1336

ctgcatact aacaatcgtg gnttttaaatt gctgtgtcgt ntgcgatcct tgacattgctg 60
tgaaaatgtg tctgtcatga tttggttgca gagaatcgta aaatctttat gttgcggctg 120
caaatgtggt tatatatgga tcatgattta aaaccatact aacaattttg cgctgtgtgt 180
ttatcaatcg attaattgat gattgaatgt gaaaattaat agaagttttt ggcaatgtac 240
ggcaatgaga ggctccaaca actcaagaag gggcttatca aaccaatacg atgggtccatg 300
caaggcgaca aaccccatg acaaatgttg gagatgtgac 340

<210> 1337
<211> 431
<212> DNA
<213> Glycine max

<400> 1337

tacccatcac atatggtact aggtggcggg cgggctatgg tgtcttacia ttctgcacat 60
tcacaaatca cgtataaacc caccatcccc tgttgcccac ctccaactga gctcacgtac 120
tcccacgtag cccttatcct cgttcctctc aacgccgggt ccccatcaat cctctcaagc 180
tcccacaaca tccaagagat tcaacatccc atcatcacia actaacaaaa ccaagcacia 240
catggcagag gcagaaactt tgcccaaaac acaactcaaa atcacagctt ttcacatata 300
aataccccag taaaaattcc ttcattccaa ttcgttaacc gttggatcga ctcgaaactt 360
ttactacgag tctctagtac ataagtctac attatgaccc gtgtgatctg ctagcaaaca 420
tatagaactc a 431

<210> 1338
<211> 421
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 1338

agctatacat anattttctg gattttctaaa ccttgaaaac ttgtgctatt cataggtatc 60
 attcccttct ccctttgcca agaagaattc gataaggact aactgcttga attctttttg 120
 tgtctctctt ctcccttttc caaaagaaca aacgactaaa agcatgaatt cttttgtgtc 180
 tcccttctcc cttgtcaaag aattcaaaat gacatagtcc gagaactttt ttgattcttc 240
 cctttcccat atacacaaag acttcaaagg actaaccgcc tgagaattct tccctttcac 300
 aaagttgcaa aggtttaacc gcttgagatc tttgtcttaa tacattggaa ggtatatcct 360
 ttgtcggaca agcagaaggt acatctactt gggttcgact gagaacaaga gaaggtacat 420
 c 421

<210> 1339
 <211> 529
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1339

acgtttgatt gaatcctttc tagtaccgng ngatnctnta aaagtcaact ggaagcatgc 60
 cagcttggaag gaaccggggt agtccaagag ataattttat gtcataccct tcaagtcttg 120
 aaagagtatg atgaacttag ggacgtctat atggccacag cttgaacctt ggaacgagaa 180
 acccagaagg cccgaaagga agaacaccac ccaagcaaaa gtttgagggg ctttataggg 240
 cagcaatact gagctcaagc tccgaagagg tgaaaggaat catcacgggt caaaggcatg 300
 atcttgaagg acgagctaaa ggtttgcctt aggtcgaaaa gaaatttgtc ccaacagtta 360
 ggcgagactg aagggaatat gtgggccatc atcgataagt gcaaagagaa gcttaattcta 420
 gcggcgactc acgagcanag gctagaggat gaggaccgcc agatatcanc agaaagggga 480
 agcagggaaa gggttaattga ttcattgcac cagaggaaca atgaggatg 529

<210> 1340
 <211> 533
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 1340

nnccttttga tgccatgtan tncctgacctt agataactaag cttgacattg ntgttngata 60
gaagaagaag aagatgggta gccttggtat ttcaatatca aacgatacat caaggacaag 120
gaataccgcg ttgaggcctc taacaatgac aagaggatat tacggngggtt ggccggccagt 180
ttctatctga gtgggggatgt cctatataaa agaaagcatg atatgggtatt gctctggtgt 240
gtgaatgtaa atgaagccga gcagatacta acagagggtgc atgaaggatc ctttggcacc 300
catgccaatg ggcatgccat ggctcgaatg attctaagag cctgggtgta ctgtatcacc 360
atggagaatt atttgtgtgt tcacgtcang aaatgccata agtgccanac ttttgcagat 420
aatgttaatg gctccacctg taccattgat gtgtttgcaa tgcattggctg ntctcgatgt 480
ggaagaataa cgtgattggg gctatcanac ccaaagctct cgatgggcat ctg 533

<210> 1341

<211> 433

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1341

agctttagg attatggngt acctatcaca tgttggtacta ggtggcgcgcg gggcgatggt 60
gcacaacaag ttttccacat ccacaatgcg cgcataaacc caccatcccc tgggtgccac 120
ctccaactga gctcacgtac tcccacgtag cccataccct cgtttctctc aacactgggt 180
ccccatcaat cctcccaagc ttccacaaca tccaagcaac acaacattca aacagcacia 240
gctatcacag ccaagcaaaa cagagcaaag gcagataact ctgctcaaca caccaacca 300
aatcacagct tttctcactt acagacccca ataataattc cttcgatcca attcactaat 360
ccgtggatcg actccaaaac tgtactggaa gtctacagtg cataacccta cattgggacc 420
gttgcgatct act 433

<210> 1342

<211> 534

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1342

ggattgctta cctcgattac ggacctatga tactcagctt gaggggtaaa gtctcacgaa 60
 tgtcacgtgc tcatgcaaca attgttagcc gtggctatac gagacatctt tcccaaccaa 120
 gtcagggttaa cgataactcg cctgtgcttt ttcttctatt ctatatgtag caaagtcatt 180
 gatccagtca tgtttgatga gttggaaaat gaggccgcaa ttatactgtg ccagttggag 240
 atgtattttc cccctgcttt ctttgacatc atgattcact tgattgtgca tctggtcaga 300
 gaaatcaaat gttgtggtcc tgtttatcta cgatggatgt nacccggtga gcggtacatg 360
 aagatcttaa aagggtatac aaagaatcta tatcgccag aagcatatat tgntgacagg 420
 tacattgcag aagaagccat tgaatnntgt tcataatact tagagaangg ctaaacctgt 480
 tgggcttcct gagtctnccg atgatgacag agtgggtggt aagggttcaa gaat 534

<210> 1343
 <211> 396
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1343

agcttgngag gattgatggn gaccgggtgt tgagagaaac gaggatatgg gctacgtggg 60
 agtacgtgag ctcatgttga ggtgggcaac aggggatggt ggggttatgc gcgcattgtg 120
 gatgtgggaa aacttggtgt gcaccatcgc ccgaccgcca cctagtacca catgtgatgg 180
 gtaccccata atcctacaag cttgagatga ggaagtgttg aagggtgaaa ctttctgctt 240
 ttattgttga ccacagagtg gtacctggag atatgtcgcg ggggtcagga gaccttgggg 300
 acgtcagggtg ggggtgctatt gcccaaaacc aagcttgacc aatcccgacc caaccggggc 360
 atagtcggtc agtgagaacc tgtgatgtac ctaagc 396

<210> 1344
 <211> 337
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1344

agaagaatta aatctagcca cggccacga gcacaaagtg gtggacaaat atgcccaagt 60
 gtacgcgga aaggaggcta aaagaagggt gattgactcg ttacatcaag aggcaacgat 120

gtggatgtga ccgattgctc ttactttgaa cgagagtcaa gaactttccc gattgctggc 180
 caaggccaaa gcaatggcag acgactactt cgcccccgag gagatccatg gactcctcag 240
 ctattgtcag catatgatag acttaatggc ccatataatt aggaaccgct aaggagtntg 300
 tattgtcact cagatcttga ttagttataa ctttctg 337

<210> 1345
 <211> 437
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1345

agctntcata agtgaagtca ggtgcagcca tctccctaag attcctctca cgagggtggag 60
 attgagccat gttctcagta tgaaaattag cagccgaatg ctcaaaatta gaatgttcag 120
 aatcaccagc aatagaatgc tcaaaatgca tagaatgatc aggatgaaca ctatgcctaa 180
 ctaatctatg aaaggtttta ttttctatct caagatcaaa gggttgtaaa tcacctggat 240
 tgcccctagt catgcactat atgcagcana tcatgtatct ctcaaacaag caccaaaggg 300
 ggtaaaacta caactatact caaacaatat ccaaatgagc tgaanatnta tgagaaacac 360
 cctataatca tgaaaagata gacaaaaatt ttcagacaaa nattcaaagt ctaactatga 420
 aaactgccta agaaaag 437

<210> 1346
 <211> 388
 <212> DNA
 <213> Glycine max
 <400> 1346

ggagcttcta tggaggatgg atctttgagc ttcaatgtgg tccttcaatg gtgagtattc 60
 accatggaga tgcagcggaa ggcaaaggag aatatgagag gggaggcacc atccactacg 120
 gaataatcca aggaagaagg agcttcacca ccaagaattg ccatggataa gaagcttgaa 180
 gaggatgctt taatggagga aaagaaagag agaagggggg agcacgaaat tgaaggaata 240
 aaagagggag agaagtggaa ctttgaagtg tgtctcataa gactctcatt catcaaagtt 300
 acaacaagtg ttacacatgc ttctatctag agactacgta gcttccttga gaagccttct 360
 taagaagact ttcttgagaa gacttctt 388

<210> 1347
 <211> 485
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1347

ggttgaaata gccatggttg atgagttata cataacttatt atgttctacg gcttatgtga 60
 tgatgtttgc gatgtttata tgctgaaatt gctgatggaa aactattaga gatgacaggt 120
 agaactaacc taggggtata aagtgagaat gtgatgctat gagtggaaaa agagtgaggc 180
 tttgagagtt ggaacgataa gtctgaattc tgtggtnaat ggagggttaa gtgagttaat 240
 actagctcga aatgtcatTT atgacttatg acaaagcttg gactgtgcta gagagaagaa 300
 ctaatgacca aagtgaacca agagccatct ctatggcgaa catgggtgtc gagggcgcaa 360
 attttgattc ggtggagatt tcggtgacat tcagtttgag caagtttaga attgatgtat 420
 ggactagcgt gatgtgagag tttgcttcaa gttaccttat tctacatgtc acttttgaga 480
 cctat 485

<210> 1348
 <211> 440
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1348

agcttctctg aagcatggga tgagacaaga acttagaana ttctcagtca tccaactcgc 60
 ttagcgctct tcatgcacta agcgagcgat accttatgcg ctgagcgagt agcatctttc 120
 gctaagtgcg ctaacccccg tccattgggtt gttgggtgtc cactaagcga gacagtcgcg 180
 ctaagcctaa aaacctctcg gggtgtgcat ttaattgaat agggctaagc gagtcagctc 240
 gctgagcgcg acatagtctc tcgctaagtc tgtctgtgcg ctaagctcaa aaggctctct 300
 acctggacct tcatggaaat tgggctaagc gggccatccc gctaagccca aaacctctc 360
 tggaatggca acagcaataa gcgagaccat ctcgctaagc gtaacccac tactgcatca 420
 agagaacttt aatccgctga 440

<210> 1349
 <211> 435
 <212> DNA
 <213> Glycine max

<400> 1349

gctggccttgc tggctcctgc ttcaattggt gtggctcttg cttcaattgg gtgcttactg 60
 actggttgct tccttcgctc aagtgtgtgc ctttaccccc ttactcctag taagtgtttt 120
 taaagtaaata aaaatttata tatttttggt aataaatatt ataagtttaa gttagctagt 180
 attaacacat attgtaagtt agtttatata gtattgtgta gttattctaa gctagtatta 240
 acaaaaatac taagtttaag ttagtttagta gtagtattgt gtagttattt ttacgtatt 300
 aatattaata gatataccaa tggtaggtta gttactatga aaatattatt tggtagtta 360
 gaatgaaaat tttatttagt tattgcatga tctaactata tgtgtgatat atctatatat 420
 atctatatat atata 435

<210> 1350
 <211> 532
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1350

cggtctgat tgattccttg cgcctntcga gactctctaa agtcaccctg cagcatggca 60
 gcctggtcgg ntcaatttta attaagcgct tgttacattc ctatggactg agccaaaagg 120
 ctcggtcat taaagactac gcactcttta aggcaccaag caagggatta aacagcgaaa 180
 cccctatccc acattcttta aaagaatgcg aacagaaaat tatagaggac aggaattcct 240
 tgcggggggg aaccacaaaa aacaaaagca tgtggtgact tttttaattg cccaagtct 300
 taagcgtagt atcgcttgac aacgtcggag ttcacgggtg aaggtagttc ctcgatcc 360
 atgttggcga gcacaagggt ccctccggag aaagcccttt ttacgacgaa aggcccttcg 420
 tagttcgggg ccactttcc cctatngtct ttcagggtcg gggagacttt cttcagtacc 480
 aggtccctt cgctgaacct gcgcgagtgt acctcttgc aaacgcgttc tn 532

<210> 1351
 <211> 531
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1351

aatgctatta cggccttgaa actcagcttg aggattatgg ngtagccatc acatgtggta 60
ctaggtgggtt gtcgggcat ggtgcacaac aagttttcct catccacaat gcgcgcataa 120
accaccatc ccctgttgcc caccgccaac tgagctcacg tactcccacg cagcccatat 180
cctcgtttct ctcaatactg ggtcccatc aatcctcca agcttcaca acatccaaga 240
aaaacaacat tcaaacagca caagctatca cagccaagca aaacagagca aaggcagaaa 300
actctgctca acacaccaac caaaatcaca gcttttctca cttaaagacc ccagtaacaa 360
ttccttcgat ccaattcggt aaccgggtga tcgaactcca aaatttactg gaagtctata 420
gtacataagc ctacattgtg accgntggga tctactagta nacatncaga actcattctg 480
cactactctt ntcacagnca accacacaca agcacttntc ttgcacaagc c 531

<210> 1352

<211> 146

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1352

agctntagca gataanatatt attacaagca ctatagaatc catgtacaac atagagaagc 60
agaatctctt ttcaatagaa aaacggaggc gaacttatcc tccnccacta ataatanagt 120
atttgatcag atttcagaaa gctcat 146

<210> 1353

<211> 484

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1353

cggaagaaga aaagggaagc acattgcaat nnttttgggc gtgcgtgaag tgccaacaaa 60
tgtcaattat atttcctttt tttttttttg ctgaatatca attatatctt cctatcccc 120
ttcttctctt tcaatggatt ttaaactgca agattgcttc tcaaaatcag ctagggtttg 180
actttttttt ttttgaatct acagggtgtt gacttctttg caaattctaa acagtttagta 240

caattaaatt tgttacaact tttcatcaga taatttaaatt ttgaatccga tgattaatat 300
 tcgatggagt acaatgtcaa ctatttgaaa ttaagaagca acctanaaac aaaaagaagc 360
 aatctccttg ctaatttcgt gggagtagtt tcgaacgttg tagttggtgt ttgggtttgt 420
 ttgtttttct ttggaatgca taaaaaaciaa atatcaattt ccacattaaa tatcaacacc 480
 tcat 484

<210> 1354
 <211> 453
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1354

agcttccacg aaggagatcg aagagagaag acttggtagt tttaaataagg tttgaactta 60
 ataggatggg tgtacccgcc acaactgcat atttaagaga aagaaccgtg ctatatatac 120
 cttgtcttgg ttcctaatagc tatatctttg gggtaatggc taaataatta ataaatataa 180
 tttttttaat gggtagtaaa caagtaattt tattgtcagc ctgtgagaac agaataataa 240
 aaacaaaaaa agtacagtca acttttagttg agtcgctagt cttgaatctt aattaccac 300
 gactcttctc atcttccaag ttccaactac ctgtgcaatg catgccgtcg atgttcagaa 360
 taaatcataa tctgctattt ttggattacc ctctctcctt agtatacaat ntaaagtgat 420
 gatattatat aactttttaa ttattattga ata 453

<210> 1355
 <211> 445
 <212> DNA
 <213> Glycine max

<400> 1355

tgcatacaag tagtattagt attttcttcc ttcaccagtc aaactatcct cggtttattt 60
 gctcgtgatt gcccatgcat gaaaaggggg ctgttggaag ggtggcgatg ggttgatcat 120
 tcatgtcgga tgagttttgg taatggttgt agaaaaccgta tggtcaggag agaatcttgc 180
 ccctcatttc aagctatact tctctctctg cttatagttg gcttggtttt cttggtcaaa 240
 tgtattttct agttggtaat gcaaataat ataattttct catttgatt tattttgatt 300

tgattcccag taggataatg ttttgttggt gttgttggtg tggtagctat tttgattgga 360
 tgtaatgcat tgctagagct aaaccccgta gcagatatta aggaatcaaa gaatgatcat 420
 gacatgagag aagtaacagg aaatt 445

<210> 1356
 <211> 403
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1356

agcttagtaa gtcatgtacc tgtgttcctt atggatgtgc ttagtttatc acctaagtgt 60
 gagattgaga atctagtagg tctagtatcc atagaaaatt gtaaccgtag ttcttggggg 120
 atgtcttgta tatagttatt aagcgtagtt gggaaagtta tgaggagtag ttaggaagct 180
 tgggtgtgaaa ccttaagggg agtgtaaggt cattcgtaag gagttgttgg ttgcgtatag 240
 agaggcttca gaggtagtgt tcttgcgtaa ggtagatgac ctacaggatt agtgatgata 300
 gtcgtatgtt tagtgagata gatcttagtt ctccttacct gttgatctgn cgaaagtctg 360
 aggatgctcc gaggactacc ttangacttg ttgtagtctt tat 403

<210> 1357
 <211> 428
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1357

agcttggtct tgattntntc taagttcttt atcaagctat gaacaatata cttgaccttc 60
 atttaactgt ctttgggctt ggcgccaca ctcaacaaag tattttcgac acctactgta 120
 cgctgatttg accaacgctg ttatgggaat gttgcgacaa tccttcataa ctttattgat 180
 acattctaac aggttggttg tcatgcggcc ataccgaagt ctttctctat cataagacat 240
 cgttcattct tcttttgaaa tgtgatcaat ccatgttgct atggctggac tcagttcacg 300
 aaattcttct agattctgat aaaaaatgtg cttgcaagga gtgtangctt gatcatatta 360
 gctatgaata agaattttat gtatatatta aacttaaata aacttgacca tgaaatatga 420
 aatcttac 428

<210> 1358
 <211> 377
 <212> DNA
 <213> Glycine max

 <400> 1358

 caggggggaa tttgcatttc tcgaaccttg atcttgctat ctttagaagc tacgcttctt 60
 tgcattatgg atgtgcaaaa acatccggtc ggatcgaacc atattgcaac tgactcgact 120
 cgaaccagtt gcgaaaaaaaa acttgcccca ttttatactc agtttggttc gacccgaccc 180
 gctttggcaa aaaaaattag tgacctgaac ttgaactgca ttgctcactc tcatcatcct 240
 acgatctttt tttctgtgca acttcacttg tttacgaagg gaattgtggt ttogaagttt 300
 gtacgactaa gcgattatgg cggatctgaa tgaaacgctg agatacaatg tctttctcgg 360
 aaccttactc ggaatgt 377

<210> 1359
 <211> 171
 <212> DNA
 <213> Glycine max

 <400> 1359

 atgaatacat cggggcatga tcatttatga gagaaggagc gaacttatcc taccctactc 60
 atatttttat atatgatatg aagttataca ctcttttttc agagataact catacactta 120
 cactataaaa aaaactgtat cgcctaactt ctccgctaac ttatactctt a 171

<210> 1360
 <211> 454
 <212> DNA
 <213> Glycine max

 <400> 1360

 ttcgtaggcg aatatcacat aagttggata atatgcggac cattgtctat gataagcata 60
 aggaacctca atgacattct gcacattaac atttcaagca tattatttat ttgacattaa 120
 cataaataaa caaatgttta agggtgaaaa tcgtgacctg ctcatgatgg aatgacgcct 180
 caaatcggtg cacaattctc ggtacatgta aatttgatgg gccctagatg agaaacgttt 240
 atgtaatgag taagtgaaca aacatgtacc cattgaaagg agaagataaa tatgtgcaat 300

atcgaacatg tactatgaac gaacagagca aacatacaac gatgaaggat gcatgatgaa 360
gcatactcta acatatactt ataagaaggt aaacataaag gatggaaaag ttcacttaca 420
acatcagacg cattcgatga tgatgattca tagt 454

<210> 1361
<211> 331
<212> DNA
<213> Glycine max

<400> 1361

agcttgtgct tgttttatctt acattcctag gatcatgagc aactaggtgt gtcctactat 60
gacttgagaa acaaagatga tcaaataaca cgcaaagatt taaaaggtac taggttgctt 120
cctagcagcg cttctttaac gtcttgagct ggacgcgtga tgacttgctg gccacggacc 180
tactactttg cttacctttg gctttggact tggtcggctg ctggtcgacc acgggtcgta 240
ggcaacgctg cagcctttgt agatgagctg atggactctg gaggtggcgg cgatgcgtct 300
attgcccgtt gccggccata cccaagctac t 331

<210> 1362
<211> 429
<212> DNA
<213> Glycine max

<400> 1362

tctagccaaa tggacttacc ttgaattaat tcctttgata gcccttttga gccttgtttc 60
cctttccttg ttttgaagct cactacaagc cttatgtgaa aaaccatgat attaccatat 120
ccttaaggag atttgagct ttggaattgt tttggaata agtgtggggg gtttttgttt 180
cattggacaa cttgttttgt tgactatgct tcatgatgta ttttgggtca tacttgatgt 240
acattgtata ttggttaaatt gttggacatg ctgaatgaaa ttatgtttct cacaggcgaa 300
ataaaataat atgaattaat aaggaaaatc aaatgactaa caagaataat aaataagacc 360
agcaataagt tgagtgaata agatcttata tggcacaaga atgatgaaac tcttgtttct 420
actcttcat 429

<210> 1363
<211> 430
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1363

agcttgacaa taattntctg aggtagtgtg caatgcccc gctattagcc tttcgtaaag 60
cgccaataaa ttcttgatca ctacctagaa atccttttgc aaagcatgct tccctaaatg 120
tattatacat cacatcattg actattctaa tatctatgta agactgtgga ccttatgcag 180
aggaaaacat cattctgagg taaaacaatt cgccagttga aggtgggacc catataagtc 240
tgcctattgt atttccttgt tctcttgggt gccagcatct tttgtgtgca acataaacia 300
atcttgacac atattgagga taagtaagat cctgtccata aggttatact ttgttagaat 360
gcatctaggc tgtgaacatt gattctttga ctgtgggctn tgatagaact ggcaccaatt 420
gttgactatc 430

<210> 1364

<211> 466

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1364

tgtatgtgaa tctcggctgt ttctagctcc ggactataaa aggctatgga gaaaagtgtt 60
gcaaaatatt gaaaggaatt tgcagccatg ttttttgtga agcttcaaata gataaactga 120
atatggatat attcttcgga gttattgggtc agtgatcaca cttcatctac tttaaaggggt 180
aagaatagta tgtaaaatga actgatgaag ataatgatgc cagggaaccc aaattttgggt 240
cccagagaaa aaatagaatc attaattaat taattctata aaaagtagca caagccccac 300
ctttntgggg gattntctgg aacataacat ggcaggtagt gtcataata gcatgagcta 360
attangttgt ttcattttgt aattgagacc actgggtgtgc tcanactttt tgatcttaag 420
ccaatgccac taatngtcac aacttttcat ctgctttgat tatgtc 466

<210> 1365

<211> 378

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1365

agctataaga cataaacaaa ttgttattct ataaaaaaga attctaacaa aacaaaaata 60
 atttttaaat gtttgaacca attgaaccaa tttgacccaa cccttntatg attgattatg 120
 gtcacaaatc caccccaacc taattttattg aatttttgatt aagttgaatc acagatttag 180
 gtcaaatecg tccaactcga cccaagaaca cccttaacct gtattctgtc tccctccttc 240
 tctgtgtgtg tgaagtacct gaaaaacact agaaaaggaa gggggggggg gttgaatagc 300
 ataatggata aaacttagtc tttcgaacac cttgaatgct ttttctaaac aaatatcaat 360
 ggacaatgga gtttgtcc 378

<210> 1366
 <211> 489
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1366

tacggaccta tgaaactcag cttctattaa gctgaaccat tctatcaata tacacaagtt 60
 gagttntatt cagaacatta gagtttatct cttttatctt agtgagagcg attctcctaa 120
 attcttgagt gattcaagaa caccttggtt gtatcacagg acttccacaa cctttgtgtg 180
 ttgacctctc tggagagagt gattctttcc ttcctttcat catcaccctt gttctttcaa 240
 accacaattc cagaaaatcc acctctgccc agaattatct cgtggccata actcccat 300
 tacgcactca aattaagtga ttcttgagcc taaattgaat ttctaaacga gacctttcac 360
 ctcgatatgg aatcatctca tttggagccc tgtagattca gatattgcc a tttctatatt 420
 tctgtccagc caccacttaa cctacgttct accatcccat tcatccatgt tatgccaaga 480
 accacctta 489

<210> 1367
 <211> 347
 <212> DNA
 <213> Glycine max

<400> 1367

agcttgccga ccaactcgcc agttgagcat gtttgcttac tccagaacga caagcttgtg 60
 gacggcgcca agtggggccag attgctat 120

tctatTTTTT tgcaattcgt tctccgtaac gatacgaaac ttttaagaaat tcgtaacgat 180
 acctatTTTtg ctcccgacg gccacgaatc ctgatggagt atatatTTTta ctgtTTTTTta 240
 ccttccgaag aagccacggg aactcacgga ttgCGcagaa tcacctcttt tcgacttccg 300
 ccacattacg gaatttcacg gatCGcaciaa gcctgctttc ttttgat 347

<210> 1368
 <211> 330
 <212> DNA
 <213> Glycine max

<400> 1368

ggctaaccCa tggaagctcc taatatctcc cacactcttt gtggtgggccc attcttggat 60
 ggcttgagt ttctcacggt ccacttggac cccatttcta ccaactacaa aacctaagaa 120
 aactatatta tctacacaaa aggtacactt ctctatattt gcatagaggg tgtttttcct 180
 aaggactgat agaacttgtc tgagatgtcc taagtgaaaa tctaggtctc tactatacac 240
 taaaatatca tcttaatata caactacaaa tctacctatg agaatcctta tgacatgatg 300
 cataagcctc atacaggtgc ttggggcatt 330

<210> 1369
 <211> 452
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1369

agctagnTTg ngtgaattaa atggctatga agtggaaacg aatagacact aacaaaagga 60
 accactatat ccatctTTTg gatgcattat atagaaagcc aaatggaatg aagtgttccc 120
 tataacattt gtggaaagag ttacataaaa atttatgaat ttccaaatga caaccaacca 180
 taatatagaa ataaagttgt atactaataa ccaattcatt tagtttattg cctcatgcac 240
 acacaaacct gtctaagtg gtttgaagta acaccttata gagacttctt ggcaatgaat 300
 acaagaagat cagtgcacg ttagctgtag aaccgaggac aaagaaggta ttagaaccaa 360
 ctgaattaat aataataaag catctaaaaa tcgtgtgatt agatttttgg ccaaattaac 420
 aacttattga cacactaacc cactatcaca ta 452

<210> 1370
 <211> 444
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1370

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atgcaatgat tatttaattc aatgtcatat ttcttcataa tataaaaagct atataaacat   60
tgcttccttc atcaattttt cataagggtca caaaatcacc caccactttg tctctaaatc  120
ttattagaaa cttatattgt ttcattcatc agcttttcat aaaatcaaaa aattcctacc  180
actctttctc tcaatcttat tgcaaaaagt aaattcacta ctataaaaaat tgggttttct  240
agacatttaa catcggttat gaaccaatgt tagaatgagt gccaataaaa gatgaccatt  300
gttaacattg gttataaaaa tcaatgttga aatctactat ataagtatgg ttctcaccan  360
aaccaatgtg atatactagc aaatagacaa aattatttaa gaattaattc tttntactta  420
taatttatat cattctacat actt                                     444
```

<210> 1371
 <211> 406
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1371

```
agctatgcc aattagtttt cgccagcgaa tggatcgaag tgggtttgag aagaggcaaa   60
tttgattatc ctgctttggt gaataggaag cctgngcaaa tggagaaaat gagaagaagg  120
gacgaacca tgctgtcact gtcgtccta catggtcaaa tttcccacca actcaacaat  180
atcaatactc agccaatatt agcccttctc attaccacc accctatcaa ccaagaacac  240
tcaatcatcc acaaaggcca cccctaaatc atccaatacc aaacaccacc cttaacacca  300
accagagaag ggattttcca acaaagaagc ttgaagaatt caccccaatt ctggtgtcat  360
atgctaactt actcctatat ctaactcata atgcaatggt agccat                                     406
```

<210> 1372
 <211> 445
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 1372

tgacctcttc gataaagagc ctttaaggctc ttcgcatcat atgccaaaac ctaccatagt 60
taaagcacat taatgcactg ctatataaaa cagccaactt tcaagcaatg aacttaaaat 120
aatagcaaat tacaatctaa gaccataatc caaatttgca ttgttacaaa agcaagacaa 180
aaggggagcaa ctattttctt gcataatata attacaatgt aattttcttt ccaatcttct 240
aagctgataa atttcctcat aataccacta cttanatatt acagttggct attacaatta 300
gcatcatatt tcaatggtaa gaagaaaagg aattacaaat acctcagaac cttcttttat 360
gcattcatta tactggcttg gcttcaagta acaggacatc aagttcagag agcatgccaa 420
aagaagcttt ctactctgga aagat 445

<210> 1373

<211> 362

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1373

agcttagcan agcctagtct aacctaaatt aattaagttt ttcataacctg gaaaatatgt 60
catcacaccc tatcactgac atctcaacgc ccccatcatc accttcttcc gcttctcctt 120
cctctcttac tcccttcttc cccttctcca aggaaaccac catctccgcg ccaccaccgc 180
cgaccgcgct gtccaacccc ttcttattct ctttcttctt cttctccctc tcttccccctt 240
tgccctcttc ctttctccc ctttttcccc ttggctcttag ctggtgtaag taattgttgc 300
ggtgttgttt tgaaaaaaaa aaaagaccca aaagagacta tgctcagggg ctcagctgtg 360
ct 362

<210> 1374

<211> 303

<212> DNA

<213> Glycine max

<400> 1374

cctcattcgg cactctctta cctcacgtt tctctctota ctcttggtt tctgtctctc 60
ttcttcatct tcttcttctt cttcttcttc ctctattgtc ttttttcaaa cgacgcgcaa 120
caccctcttg ctaattacct tctaattatg caatcgctct attcgatttc tagggctatt 180

gctattgcta tgccttcgct cacccttct cacaanaa aaatgctttc tcttccctt 240
 catatctata cgctgctgca ttctaataga tataatctgac caggagtga tagttcattg 300
 cat 303

<210> 1375
 <211> 529
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1375

cggaattgtt gcatccagtt cgcgnagccg cgtanagtcn acctgcaggc atcgcagctt 60
 cagttcctga gaaactgggt cccagaagac aacttgaggt gaagattgct gaanactcta 120
 gccctgcaac aagtcctaag gaagtagaca cggagatgga caagaaaatc cgcagtattg 180
 tgagtagcat tctgaaagat gcttctgtgc cagatgctga gaaagatggt ccaacatctt 240
 ccaccccgaa tggttctgtg cctgatgttg agaaagatgt tccaacatct tccgctccaa 300
 atgctgaagc cgtcccttca cccagtgaag agaatcaac ggaagaagag gatcaagccg 360
 cagaggagac ccctgcacca cgggcaccag aatctgtctc aggtgacctc atcgacctgg 420
 aagaagtcga atctgatgaa gaaccattg tcaacaggtt ggcacctggc attgcggaaa 480
 gacttctaaa cagagagggg ntnaaccccc ttaagaggtc tggacgaat 529

<210> 1376
 <211> 483
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1376

tccttaacat cttgaattct atttgtctgg aagtaataa taacaagcag aatgcatacc 60
 tcctcccgca gtaggccaga aactaaagca tatacctcaa caatatttct gcacagaaga 120
 gttttcattg aaataagtaa ttatatatat gactcatatt atttgaactc aagatagaga 180
 acttacagct ttttgtacct ttagttttac ccaattagca ggaggcccaa tatcaatcac 240
 aattgtgtcc aatctagcaa gtcagcggat aaactaaact cccaaagtaa acactttcta 300
 gtttcaacca aagcaacagg ttggcaacac atttcaacta ttaactagac aaagctgcaa 360

gcattaagta agcacaacac acaagagaaa gcaacattga anatgaagca atgggatctt 420
aactgtgggt tagaatgggt actgcatgca gctttgactg cattatccat gtaagaagaa 480
gat 483

<210> 1377
<211> 422
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1377

atctacttca atacactgat tggaaatgat gtggcctaaa actatacctt gctcaacat 60
aaaatgacat tattcaaaat tatgaacaac gttagtttca atgcatctat tcacaacttt 120
ttccatacta ttcaaacaac catcagaaga ggatccatat acagtgaat catgcatata 180
cacctctatg caattttcta aaaaatcact tgaaatacta atcatgcacc actggaaggt 240
accaggggca ttgcacaggc cgaaaggcat tctcctatag gcaaaagtgt cgaacgggta 300
ngtgaatgtg gacttttctt gatcctcacg agcaatagta atttgcatat aaccagaata 360
accatcaatg aaacagtagt gggatatagc tgccaggcgt tcaagcatct ggacaatgaa 420
tg 422

<210> 1378
<211> 530
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1378

gattctgaca tggaactatg atactaagac tggnttgggc atagcacccc acctgacgtc 60
cccaagggtt tctgaccctc ggcacatata tccaggtagc actctgtggt caacaaataa 120
aagtatgaag actgactctt ccacgctttc tcacatcaag cttattggat tatggggcac 180
ccgtcatatt tggtagtagg tggcgatcag gcgatggcgc anatcaacta tcccatttcc 240
accagccagg cataagcaca ccatccccag ttgccacct ttaaatttta gctcacgtgc 300
acatacgtag tcttctctc gttcctctca gcaccgggtc cctatcaacc cctccaagct 360
ntcacaaaat ccaaaaaatt caattccatt tgtcatgaaa ctacctcaca caatgaaaaa 420

cagagtggag gcagaaatct tgcacaagaa tcattcaaaa ttcacagaag ttttctaccc 480
tcatacctca gcaaaaatct ctttcgtcca aatcggtacc cattgattgg 530

<210> 1379
<211> 400
<212> DNA
<213> Glycine max

<400> 1379

atgcattggt taacatggta acccatctgt ccttgaacca caaatctgta cccgtcgcaa 60
gggtctgtga tctgtgtctc tctgtgtgacc accatacaga cctttgccct tccatgcagc 120
aacctggagc aattgagcat cccgaagctt atgctgcaga catttacagt agacctctc 180
agccttagca gctaaatcaa ccacaataga acaattatga cctctctatc aacagataca 240
accctgaatg gaggaatcac cctaattctca gatagtctag ccctcaacaa caacaacagc 300
agcttgctcc ttactttcaa aatgctgtgt gcccaagcag accatacatt tctccaccaa 360
tccaacaaca gcaatagccc cagatacagt caacagttga 400

<210> 1380
<211> 437
<212> DNA
<213> Glycine max

<400> 1380

agcttgcgga tttggtcttt gctggcgaaa tgatcgaagt ggggtctaaa agaggcaa 60
ctgatcatca tgctttgcta aatgcaaaaa ctggggcaaa tgaagagggt gagaatgagg 120
gagaaacca tgcgctgtga ctgccattcc tatatggcca agtttccac caaccaaca 180
atgtcattac tcagccaata acaacccttt caaaagccac ctaccacaca accaatgcta 240
aacatcacct atagcgccaa ccaataaatg aattttgcaa cgaaaaagcc tgtagaattc 300
accctaattc cgggtgtccta tgctgacttg ctcccatatc cacttgataa ttcaatggta 360
gccataacc caaccaaggt tcatcaacct tcatttctat gaggatacga gtgcgaacgca 420
acgtgtgctt atcatgg 437

<210> 1381
<211> 526

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1381

aatgtctgac atccattacg gacctatgat actcagcttg agaacaccta tcaatgtgtt 60
ttgttggata tggatcatac tanaaagggt atcgtgttta ccatccacca tcaaagaaat 120
tttatatctc tatggatgtg acatttaatg agcacaattt cttttaatgt tgattctaca 180
ctttacggag gaaatgacag tgaagtgc atcatgata ttagtatgtt tgatatctca 240
gatataaaat tatattgtga acataaatta tcgtgtgagg atcattctgc aagaagtgag 300
ctaaccceaa agatggaaaa ttcttttttg gataatacag tgtcttttga tcataaccaa 360
ttggctcaat cttttccaca agttcggctt gactcttcag aggtaccttc tgatcctatc 420
tcttataata ctaatgtaga tgaaactcat catgaaaatt gttctcttga tcctaccctt 480
cgatatacta nattagatta aactaatcat gaaagtgatc cttgtt 526

<210> 1382
<211> 394
<212> DNA
<213> Glycine max

<400> 1382

aataaaatct taatcggcct gtattactgc cttgatgaat ctcataactt tgttgaaaca 60
aaccctcccc tattttctga tagtcctaac tccttaacct gagttcatct tgagaattca 120
gacacatctt attttgcct tgtgaaaatt g gatctgc at cctcgaac aaaatgagta 180
tatccttttg aattttgtct catgggtttc attgaatttc ttcattgcta tcatttaatg 240
ctgaatttct tcattgctat cattttctgc ttttcattaa ttgatgcgat ccaactaaac 300
atgcaaagt taatccataa aaagtttgaa tatgttggtc tatgaatata tgccaaatag 360
tagctcgac cacttcatta ttggaatac cacc 394

<210> 1383
<211> 404
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1383

agagatgcat tggagagatg agctcaatca ctaccattct caccacaaca catagattaa 60
gtaccgagtg aacaactttt aatttcgttt tctctcactc agtgatgctt cttacatcct 120
tcgataggaa tttttctttt ttcaactcaa ggcttcatca tctctacaag agctttccgg 180
aaactgggtgt attcatcaga ggctggctct ttcctataa tagtcgagtc ttgacacctt 240
ttcacccttt tttcatttgt tctatatgtg gacagggtcc aaccattttt ttccccctgt 300
gatatctgca ccctctctca tctgggtgct taaccttacc cttattcaaa ggggaatgtn 360
gtctgacaca atattcacgg caatgtaatt taattcagaa tacc 404

<210> 1384
<211> 338
<212> DNA
<213> Glycine max

<400> 1384
agcttgacac catatggatc ctatctaccg atatagctaa ttaaagtctc gctttccaac 60
ttgacaataa actaaaactt tgataggcat ttattgtgca caagttttag cttctacgcg 120
cataaaaata ttttccggat tgaatattca aatttcttat cattataatt gttaattaaa 180
aacacgacaa gtttatgcgc gtccattctg tctcccagca caagatgatg aaattgacac 240
ctttctcttc ctaaatttca aaacaatttg actgtctcaa ccacgcaacc ttccttcacc 300
agctactata ctaacttatt atccttttga ctaactat 338

<210> 1385
<211> 354
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1385

aatgtacttt cngtccacca atccacacac aaacacacag acaccggcat tttccaacat 60
tcccaaagac acagtccatg gataagttaa gaacaactcc catctcttgc actgtcttgg 120
ttccacatta ttattattaa tactactact acttgcgtag cgtgtgtgtt ccacattgtt 180
gcttggttgc ctacccatga tcttggaact gagatgagaa gccacatcga ttaacaagag 240
caacattaga tctcccaagt tgaagtcttt ggagacaccc attatgatgg ngggtgtgag 300

tctgagggaa tcatggtgtt tctgcaaagg ggtcagcaag tctgagagaa tgaa 354

<210> 1386
<211> 410
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1386

agcttgtagg attatggngt acccatcaca tgtggtacta ggtggcggtc gggcgatggt 60
gcacaacaag ttttccacat ccacaaatcg cgcataaacc caccatcccc tgttgccac 120
ctccaactga gctcacgtac tcccacgtaa cccatatact cgtttctctc aacaccgggt 180
ccccatcaat cctcccaagc ttccccaaca tccaagtaat tcaacattca aacagcacia 240
actatcacag ccaagaaaac agggcaaagg cagaaaactc tgcccaaac accaaccaaa 300
atcacagctt ttccactta aagaccccag taacatttcc ttcgttccaa ttcgttaacc 360
gttggatcga actcgaaaat ttactggaag tctctagtac ataagcctac 410

<210> 1387
<211> 306
<212> DNA
<213> Glycine max
<400> 1387

tggttagag agcgtccgtt gagcgctaca ctcggtgggt atgcgcgagg aagactctgg 60
aatataatga gctgcacaag ttgcctaagc acacctatct atctcactaa gtgcaccgct 120
tcatatcatc cgctgaccga gaaaggcagc ctctaaaccg aaattcacta atgcgcgcta 180
agcgatccat aagtgcgcta agcgcacgag cacgaacaag atcacctatt taagcctgaa 240
attacatttt agaggagag tttggactgc gattcagagc tctgcatgtc tacggtttct 300
agagag 306

<210> 1388
<211> 456
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1388

agcttctgcc acaacaaatc caggaatcca catccaacct acttgatca attgcaaatc 60
aatacttgca acctattgtc atccaacaac cctttgttca agctgcacct acctctatac 120
cagcaacctt cgaacaagtt gaacatgata aaccttaaca tccacatcca aaatcaccac 180
gaaatgaaga tccacctcag cagccataaa tgataatgat agtttatcat tttccatctt 240
tcaaacctgt atttgttgat tacataagag ggagaaattg gaattttgat gtatcatgag 300
cttagactta tctttcatct ttatatgctt tgttggaata tatatgttgt aacatatggt 360
atgttgcttt tataaatgaa gtgggtggat tattcaattt cgcctcttaa ctatgctntt 420
tacatatgta tgcattggcca ctttgatctt atatat 456

<210> 1389
<211> 321
<212> DNA
<213> Glycine max

<400> 1389

aacggttgaa cctttgcgaa attcttcacg gaaaacgtta cggaaacgtt tcggaagcgc 60
ctcggttag atttacttca cggaacaat tttccaagc aaattctaaa gagagaaaag 120
tgcctaaggg gctgaacctt tttcttcttc acttctccc ctatttatag caaataggg 180
gagatgcttg ccgcccagct cgcccaggcg agccagggtg cttctctcag aagcaacagc 240
cttctggagg aatcttcttg agggcccaat ggggcctggt tgctatatgc acaccatta 300
ttactaagta ccccccttc t 321

<210> 1390
<211> 259
<212> DNA
<213> Glycine max

<400> 1390

ttacttgta aaaaaatatt gatgttgcat gcacattatt aatgaattct ttgatacgtg 60
caaatagaga aagggcatgc tacatattgt ttaaaaattc tgaaagccca gtaatactgc 120
atgagaacga tgtacgtctt gaaattctaa gcaaaggat atggctaaat tcttcatgag 180
taacatctcg cagcaatgt gatatttttc tatttttcat gtattatgcc tgcactttta 240
caatttttat gctggtctc 259

<210> 1391
 <211> 399
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1391

agcttggggtt cctaggccta gaatcgcatt tgtgcactca ttttaacctc tacgttctgt 60
 ccttatacat ataaatcagc cccacagtcc aaagctcaca aaaccatgct catatgtcgt 120
 tgaggcattt caccgagcac ttggtgggca catgtttagg catgaatatc aagataatgg 180
 gggcaatgtg gcatgccccca ttacttcaga ctgcacccta ggcctaaggc catcccttac 240
 aaccctcaa ttcaacaaaa acaagcaaca attcaatgat aaatccctca cgttttttag 300
 caaatacatg caacttagag caccanaata catcaatgga aagctagaga gccaagaat 360
 gaggtactta cttgttggag atngaataat agcgcaa 399

<210> 1392
 <211> 367
 <212> DNA
 <213> Glycine max

<400> 1392

agaagttcaa gtccatatcc atcaaagtct gaaaagagta tgatgaacta taggatgtca 60
 atatggccac cgatgaagcc ttggaatgag aaaccaagaa ggcccgaag gaagaacacg 120
 accaaagcaa agttttgagg ggctttatag ggcagcaata gtgagctcaa gttccgaaga 180
 ggtgaaagga atcatcacgg gtcaaaggca tgatcttgaa ggacgagcta aaggcttgcc 240
 ttatgtcgaa aagaaatttg tccaacagc taagcgagac ttgagggaa atgtgggcca 300
 tcatcgataa gagcaaagag aagctaaatc tagcggtgac tcacgagcaa aggctagagg 360
 atgagta 367

<210> 1393
 <211> 524
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1393

cggatgagtt cattgacgac cattggancc ccacagnnga cctgcaggca cgccagcgtc 60
 tagaataacc taagcgccat ccttgcttct gcatattttg tagagcttat tcacacatga 120
 agctgggcag ccctgaagta actatgcatg ttgctccctc tcttgagcct tcttgaagcc 180
 attcacgggc taccttcgtc attgtgtctt gaaactggcg gtttagggat gctgttcctt 240
 tcatttccga ggtcttaaca caacaccttg tcttcaaggc gatgcaactc cttatgagct 300
 gcgcagaata cccactactg ttacgtccac gtgcaggcgc tgcttctgta ccacaaccat 360
 tatcgtggat acctgagccg cctgaactgt cttgtgaccc ataataacta aggggtgtggc 420
 gataggctgc atatccatat ccccgaaag aagggtcata actgctatag tattgtgcta 480
 gcacacgatt gggctctaaga cggaacgatg aggctcggca tgcg 524

<210> 1394
 <211> 530
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1394

cttctgatca tgtacactat gatactcagc tttagccaat ggacttacct tgaattaatt 60
 cctttgatag cccttttgag ccttgtttcc ctttccttgg tttgaagctc actacaagcc 120
 ttaagtgaag aaccatgata ttaccatata ctttaaggaat tttggagctt tggaattgtt 180
 ttgggaataa gtgtgggggg ggttttgttt cattgcacaa cttgttttgt tggctatgct 240
 tcatgatgta ttttgggcca tacttgatgt acattgtata ttgggttaaatt gttggacatg 300
 ctgaatgaaa tgttgtttct caaaggccaa agagnttaan ttanaanata attcatgtnt 360
 tatataatca ttgaacaaa gaaaaagaaa agcaataaag ttgagtgaat aagatcttaa 420
 atggcacaag aatgatgaaa atcttgggtc tattcttcat ggggaattct tatctttact 480
 tcttaatat tcttaatttg ttagtgtgca cttattcccc tcttgctctg 530

<210> 1395
 <211> 365
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1395

tacttttgtc ttgaaggcag ttctataagc ccataatgca tcatccaact ngcttgacca 60
 atccttttta gtggaggcta cagttttctc caaaatcttc ttgggctccc tgtagaaac 120
 tctagcttga ccattcggtt gcgggtgata cgatgagact actctgtgcg tgacattgta 180
 atggctcacc atcttctgaa gttggttggt gcaaaaatga gagccccgat cactgattag 240
 gaccctcgac accccaaagc aagcaaaaat attcttcttc aagaacctca ctatacgttc 300
 agcatcgctc tttgggcagc cactgcttca acccactgga gacataatca cagcccaagg 360
 atatt 365

<210> 1396
 <211> 438
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1396

gctgcatgat tacatctccc ctttctcaag canattcttc ttgatatcat caaaatcttc 60
 atgatttaca aaacctagtc aaattctaaa aaaccctaac tgacataagc taaaaaaccc 120
 tagtcggcat caacttaaaa atagcactga ccgatgttga tcgaaaaaac cctagctaac 180
 atcgactaaa aatagcctgg ctgatgtcgg caaaaaaac ttagtcgacg tcaaccgaaa 240
 atctgtagcc gacattggct aaaatctcct agccaagggt gaccgaaaaa tctactagcta 300
 atattgacta aaaagtagct ctaactaatg tcggttgaaa aagcctagtt ggcacagcc 360
 aaaaaaacca tggatgtcgg tcgaaaaaac ctacctgaag tcaagaaaaa acaacctacc 420
 cggcattggc caaaaaac 438

<210> 1397
 <211> 58
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1397

agcttgctg tcgcacatcc aaattccaaa cattactaat gcgcttttat tntcacct 58

<210> 1398
 <211> 261
 <212> DNA

<213> Glycine max

<400> 1398

tcattagatg ttgcatttca gtatcacttc ctctattgga agaacgatat gcacttcttg 60
cattgtaaat ttgtttgatt gtggtgcaac tattggcatt gtgctccttc aatgttagca 120
ggatgtttct tggtttcacc atcaactgtg tcatatcaac aataatattc ttcctatcct 180
tagtcaatcg cccaatgtat ggatgtccaa ctaaggactt gaccaattca tgacttgtga 240
atcccataaa ctaacttcac c 261

<210> 1399

<211> 207

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1399

agcttctga tnggcctaga tggacccagt gctgaaggac acccctctaa gacaatggag 60
gatatacatg gagaataaga tgaagaacaa ggaattaaag agaattcacc aaacaaaaag 120
atagaggaag cataagaaca tcacctagat gaagatgctc ttgataccac atgatgtaag 180
ctccattgga gcttgtaggc ctaggat 207

<210> 1400

<211> 430

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1400

ccctgcgaga gctntttcag acttgaagct cgtaatccct caagtaacta gggatgttgc 60
tccctctcct gggccttcct gaagccattc tcgggcttcc ttcttcattg ggccttgaag 120
cttgcggttc agggttgttg ttcgtaacat tcccgcggtc ttcaaacaac accttgcct 180
caaggtgatg cagctcctta agacatgcc agtcttccca cgacgtttca tccaggtgca 240
ggccctgcca ctgcaccaga accatttttt tggaccoccta gtccgtcgga actgtcttct 300
gaccagaat agctaaggt gtggtgatag gctgattatc catagccccg gaaggaaagg 360
tctcaactgc tattggattg ggcgagccca cgaaaggttt taggatggaa caatgaaaca 420

cgggatgaat

430

<210> 1401
<211> 520
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1401

gatttgcaca tcgaanacgg aaaannaact ngaccgccgg gaccacacgt ggncaagcta 60
anncgcaactt attttcgтта ctgtgcacg acccacagaa ccgaatgccа ctctaagcct 120
cccgtgctga aacaagatat taccctctcc tcggcgacaa ctggaacctt gcaatggccg 180
agggagaaca gagggacgcg ggctaacatc gacgaacaat aggctgggtg atgacggcaa 240
caaaaccata gccgcgccta cgaaaatctg taggcgactt cggctaaagc atcctatcca 300
aggttgacct gaaaacttct agctactata gactataaac gagctctaac taatgtcgcg 360
tgaacacgcc tacgctggca tagcccaaaa aaccatggat gaccgtcgaa aataacctac 420
ctgaagtcaa gaaanacatc ctacctgcta tcgccatgat acaccctggt tgacatatgc 480
aaaagaatct cgctgaagaa acttgcacca gccgcaccct 520

<210> 1402
<211> 60
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1402

agctttataa gcgcaggtta gggagacgaa gtgtaagtgg ncgcgatata cgaagatgat 60

<210> 1403
<211> 568
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1403

aactcgccgt gaaatgcaac aataattttc gaatttaatt atntnnntan nnnnaagaga 60
gcggacgagg cctggaaacc gaacannagc ncagcngnag aaaggngacc cacacatggg 120
actatagggt ttctgggccac ggagcacaac aagaantcca catccacaac gcgcgcatac 180

acccaacata ccctggggcc cacctccaac tgaggtcacg tactcccacg gagcccaaatt 240
 tctcgatgac ctcaacaccg ggactccaca aataccccca agcatccccca acatcaaagt 300
 aatacaacat tccaacaaca caagctaaca cagcccagca aaacagggca gaagcagaag 360
 aactgccac aacaccaagc aaatcacagc tggttctcacc taaagaccgc agaacaaacc 420
 cttcggccac acgaagagac gcgctcacca ctccggaaat gccctccttt gcgatttgga 480
 gcggaatagg caacacaagg tcgaagcccg tcgggcacca aagttgagga taacaaaaca 540
 acacgccgcg cgcacgcaag gacacccg 568

<210> 1404
 <211> 520
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1404

ggcccttatga atcttcaatc tacgaccgcg atcctntgag tccacctgca cgcattgcaag 60
 ctngataaca aggtctctta gtttagtatt tttaanggca tgctcctctt ccattntgca 120
 tctgtctaca ggaaggtgcc atttggtaca gctaagaatt ctttagaggg ctgatgggggt 180
 ttatcaacaa ggtagtccca actaggattg gacacttcca ccgttggtatg ataggcatct 240
 tctacaatat cctttatttc catgggatct tcattctcct tatattgcgc atcctctntg 300
 gtgttctgct taaagagtca gaagcattac ccattttctc ttataatgtg tgaatctggn 360
 gcattttatt tttctagaaa agaaaataca attatccccca tgagactcat tagacatcca 420
 ctccananaa aaaatcgta gtcgttaatg ttcactatct ttgttgacaa attctcgaat 480
 aattcaacta attatcacac ataaggctga cctgttatan 520

<210> 1405
 <211> 497
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1405

aggttcttaa ggaatgaaag aaaggagagc acttgatcta ttttaagatc ttttncttca 60
 acaacaacac ottaccaaaa ctcatgaaaa ataataatgc aaaactaaca ctaataagat 120

gttgacaaaa taccattat gggtaaactc aaagaaagaa gaanaaggct taccatccaa 180
tagtgggggc acaagctcaa ggaaatagat gaggcgaaat tgccttanag ggaaataagc 240
cctattcttg agagtgaatg aaaaacctcc ttatgggttg aggagaaaat gggaaagctc 300
tgagaaatga gtaaagggtgc atagttccaa agtatggaga atggtaggaa aagaanatgg 360
ttntatctta acaaacctcg aggcccatat tntctagaa ctnttactca tcactaagct 420
taaccttttt cttaaaggac anagactacg gtacacaact aaactttgtg tcacgagga 480
aacaaaaata tgttggt 497

<210> 1406
<211> 372
<212> DNA
<213> Glycine max

<400> 1406
agcttccatg acaatgagag gttatactcc tctttgatgc gaacacgata acgattgatc 60
tgctccctt tccatcatat ggggtaccac ctgtgccgcc agatctccta caacttttgg 120
gcggtgctct tgaatgatcc gacccctctt ttacacatgt tctcgcgacg catcctatcc 180
gcaaccatat caaacttget ctgactctcg cctccaaaag gcatccatta tgccttttca 240
aatggactc cgcaagggtca acgttacgta ccaggtaaca cgtccccata tgactctctg 300
gaggaagcat cgcactctta tctttggcga tcaccctctc tgcaatcacc tttaatggtc 360
ttggacagaa ct 372

<210> 1407
<211> 482
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1407

ngcttgtctg ttgtcgcatg cataacggac cttaaatact agctgggtacc ggnntgtaaa 60
naagcggctc ttatataatg tngttgctta cgacgaaaca cgcgaagtgg acctattata 120
tgaaattctt atcttttaga gacatatcga gttcatattt gtttcgtata ttgaagttac 180
agtcttgtgt acagtggacc tggaggagac ggaccaatac catgcagagc ctattttttt 240

tattttttatc aaagatctct acctccatcc attcaaattg atgataaaga gccttaacat 300
 tgatgtaata acaccaagtt gaaatgtcgt tgagctgcag ttaacaggac gatgaaacaa 360
 gcaatatttc ttttggccat gcgtttactc aatggcttag aaagatgcaa gttatattac 420
 atcggttatc actgaagtga agatgccctt ttacatcgct aatacacgtc ggtgaaacaa 480
 tg 482

<210> 1408
 <211> 386
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1408

atctcttgac cctaanagnt gctngntgta tgggggagtc ttctgcttcc taaaacataa 60
 caaaccaccc cttacctaca atttatttaa tcaatgtgtg tggatcatggt aaccaacaac 120
 actctnggat tctaagcaca agactattcc acttaattta atataaggcc caaataactcg 180
 ccacaaacct tccttgtgaa gaagatccta ccaaactaag ctcatgtgga aacacatggg 240
 aagagtggcc atatcaatac ttgcaccac tctaaaagta ttccaaagcc gtgccaaaaa 300
 aaagagcggg ggcttcctcc ccagaaagcc ccagaggggt accccctcat ttccatggcg 360
 gaactctccc accaccccag tttttc 386

<210> 1409
 <211> 534
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1409

nggagatgtc atgttcgaca gccattgcga gnancgnnga cacannnnac tactccaggc 60
 tggaggaata tgggggaccc atcacatgtg tgccctngtgg cttgttggcg aaggngcaca 120
 acaagntttt cacattcacc atgcgcgcac taaaccatca tcccctggtg gccaaacttca 180
 actgagctca cgtactccca tggagcccat atcctcggtt ctcttaacaa cgggtcttca 240
 ttaattcttc caaactttcc caacattcaa gtaataccac cattcaacaa cacaagctat 300
 cacagcccag caaaacaggg caaaagcaga atactctggc caaaacacca accaaatcac 360

atcttttctc acttaaagac cccaagtaca aatccttcgt ccacacgtag agacgccttc 420
 acgagtcgag aaattgccct cttttgcat tgagccgaaa tgggcacaca agttgaactt 480
 tttgggcaca ttgttgagga gaaaaaataa aaggctcctg aaaaaagaga cttt 534

<210> 1410
 <211> 409
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1410

tccttagagt caccgcggc atgcaagctn tgagggtgag tagtccacca tcttttcata 60
 gtagagtatc gataatgtgt ctaccatcac gattatcgtc tccctttcca tcataggggg 120
 taccacctgg gccgccagat cctccacct tttgggcgtg ttctttgaaa gatccgtccc 180
 cttttttaca catgttctgt agttgcatcc tatccggaac catatcaaaa ttgtactgat 240
 actgcctaac aaaaggcaac cattaggtcc ttccaagaat ggactcggga aggttccaag 300
 ttagtgtacc aggtaacagc taccacagta agactttctt ggaaggaatg tatcagcaat 360
 tcctcatctt tggcgtattc acccatcttc tgacaatata tcttttagat 409

<210> 1411
 <211> 435
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1411

gctggtgagg gtganaatct cagctgggag ctgcccagag aagaaattgt ggctcatggt 60
 gagactagtg aggtttgtga agatgatgaa ttgcttcctt gaaaccacac ctcccaattt 120
 cttcatggaa aggtctatgg aagttacaat tggtgagtca ttgttacct tgatgccgga 180
 ccaagaacat gcataggatt tcccagttaa ttttctcca gagggcacca cccaattgtg 240
 caagctgttg tcatcatcta caagctccga ttttaggctg agaagtgcct ctgagtaagg 300
 gtcaattgct agaactgctg atgataccat gaagaaggta acaagaataa gatttttgat 360
 gtagaaagca ttgaaaatct ccattggaac ttggagagca tcacaaggta gagagggaca 420
 atngtaagta cccta 435

<210> 1412
 <211> 447
 <212> DNA
 <213> Glycine max

<400> 1412

agctatggag aaccaagcca atcagaatgc tatacgaaat atagatggga atagaggtaa 60
 caatggtggt aatgacggac cgaggcagaa ccgggttgag ggagtaaagc tcaatgttcc 120
 tcccttcaaa ggtagaagtg atccagatgc ctacctggac tgggaaatga agactgagca 180
 cgtatttgcc tgcaatgact aactgatgc gcagaaagtc aagctagcaa cagctgaatt 240
 ctccgactat gcccttggtt ggtggcataa ataccaaaga gaaatgttga gagaggaaag 300
 gcgagaggta gatacatgga ctgagatgaa aagggtgatg agacaaaggt atgtgcccac 360
 tagctataac agaaccatgc gacagaaact ccaagggctg tccaagggg aattaaccgt 420
 ggaagatatt ataaagagat ggaaatg 447

<210> 1413
 <211> 431
 <212> DNA
 <213> Glycine max

<400> 1413

gagacaactt actcgagaag ctagagctta gctacacaca cccctctaata aactaagctc 60
 acctccttga gaagcttcct tgagaagatt cctaaagaag ctagagctta gctacacata 120
 cctctctaata agctaagctt acctccttga gatgagaagc tagagcttag ctacacaccc 180
 cctataatag ctaagctcac cccatgacag aaaacatgag aatacataaa aaaaagtcct 240
 tactacaaag actacttaata agaatggcca aaatacaagg ccagacgaa agaataacct 300
 attctaataat ttacaaagat aatcgggctc atacttagcc catgggcttg aaatctaccc 360
 taaggctcat gagaaccctc gggccttccc ttggatctct agccaatct acttgagtc 420
 ttctacccaa t 431

<210> 1414
 <211> 488
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1414

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ccgcttctga tgatgaatca agttgattca agtagttntg atgatgataa aaagcccaag   60
agtttgattt caagattgag tcaacaagtt caagatcaag attaaatcaa gattaatttc   120
aagtttcatg agaagaaatc aagaagattc aagattcaag agaagtttga tctcaagatt   180
caagagaaga tgaattcaag attcaagaga agaaatcaag aagacttcac aagggaagta   240
ttgaaaagat ttttcaaaaa acaaacatag cacagttttg tttttcaaaa aagtttttct   300
caaaattttc taagttccag agtttttact ctctagtaat cgattaccaa ttacctgtaa   360
ttgattacca gtggcaaagt ttgatttcaa aagcttttaa ttgaatttgc aacgttccaa   420
ttgttnttta aatggtgtaa tcgattacaa tatattggta atcgattacc agtgtatctg   480
aacgttga                                         488
  
```

<210> 1415
 <211> 476
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1415

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nggaacatat aaaattcaat acaaggccct ctcaaggatt tattcaaaac atatgcaagt   60
tgattgtttg aactaacaaa ctcggtagaa atctaattgg acagtagctt tccctcataa   120
aatgacaatc aatttttatg tgcttagttt tatcatgaaa cacttgatta gaagcaatat   180
gaaagtttgt ctggttatca caatacaatt tcattggcta aatttcatag aattgtagtt   240
cttgaaggag atgtttgatc cacacogact cacatgtggt tgtggccatg gtcctatatt   300
cggtttttgc actacattga gcaacattaa actgtttctt actcttccta gagataagat   360
ttccaccaat ggagacacta tcttgtgtta aagagtctat ctataggaga acctgtgcaa   420
tcaaaatcac aatacccaaa gaattgogca tctcatttat cttcatgata taacta      476
  
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<210> 1416
 <211> 313
 <212> DNA
 <213> Glycine max

<400> 1416

agcccatca ctacattctc ttgtagcaag atatttggtt ttatcagctc catgggcaag 60
gacatggcct acatagacct tcttgacct cttgagagat gcaacgatta tactccctcc 120
atatcgcgat ataagactta attgtctaatt ccattaagat aaaggaaagt gatcaaccca 180
gccgataaca ataaatttgc gtcacattca tcacttcttt cacaactatc cccgtagcta 240
atacttctat ttcttttaatt ggcttatcaa catattacct ctcttttttt aatgaggaac 300
atttctagtc taa 313

<210> 1417
<211> 406
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1417

ttgatactat tattataaca atgaacactt atgaatattt gtgattagat gtaatgtata 60
aactctgata ctattttatac aaatattatt tttcttaatc cactttttta taaaaaaaaac 120
agttatgtat aaaatacttt gcgtagaaaa caatcttgaa tatctaattgg tcattcgtat 180
aaaataatat atgagtaaga tgatattttc taataaacat ttgaatntaa ttaaaataca 240
ttaataatat aaaaaaatta tattatcatt caattacaaa aatattatgt ataataaatc 300
tggtgactct aataataatt atctctaaat tatttttaaaa atgattcttt attggatgat 360
aatgtaaaga tcttttaaca ctaattgtat atgacaaata gatatg 406

<210> 1418
<211> 398
<212> DNA
<213> Glycine max

<400> 1418

agctctctta agacgaatcc tatttatgct agagcttagc tacacatacc tctttaatag 60
ctaagctcac ctcttttaga tgagaagcta gagcttagct acacaccccc tataatatct 120
aagctgaccc ccatgacaga taacatgata ataaaacaca agtccttatt acaaagacaa 180
ctcaggatgc cccgaaatac agggctgata ccctatacta ctagaatggc caaaatacca 240
tgctttgaag aacgaaaaac ctatttctaatt atttaciaag ataagcgggc tcatacttag 300
cccatggggt cgaaagctac cctaaggctc atgagaaccc tagggccttt ccatggatct 360

ctacccaat ctacttgag tctttaacc aatgcct

398

<210> 1419
<211> 416
<212> DNA
<213> Glycine max

<400> 1419

tgaagaactt ttcaagaaag tcataccacg aacttgaatt ccactcactt aaagttctat 60
tacagctagg ctatgttaca agagctactc ttttctctac cttgactttt tatccatata 120
aaaatatgaa ggttcttgcc gagaaagttt taatgagacc tcctcctaca aatattatca 180
atgaagaaat atttcaacaa tcacacttat gtcattatat tactcctttt ttaatattgt 240
tccccctaga ataccctctt tggctaaggt taaacttcat taatcatata ttagtagtcc 300
ctcctgaata ccctgttgaa ctaagggtta acttctctaa tcataaataa tagctccttg 360
ctataaactc tcttcggcta aggctaagct catataatca taataacagt tgaatt 416

<210> 1420
<211> 448
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1420

agctngacga tgttganaag aaaatatggt gtcataattg aagaatgaac atgtagcttc 60
taatgactct gaaatgtcct acattaatat ataattgtta tgctacaaat tcacataatt 120
cttagtatgt tacgttaaatt ttaattggca aacgtgtata acttatggat atactattat 180
gtcattaata cgaataccta gtacatttaa cggttaccta atttaaaata atttgtaac 240
attaacccta atatttagag gaataaacag agaataaaaa ttataatcca aaataactta 300
tcatttacia aatgtgtggg aaaaccaata tgtttgcaa tacatgaaa ttatatacat 360
actcgacata tgaaaatata acatggatga tgtctatggc tgatccgtgc gctgccttct 420
tcgcgacttg acataaacat tgccatct 448

<210> 1421
<211> 417
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1421

tctcccgcaa ttttctataa atagggggag atgtgaagta tatgagggtt cagcccctta 60
tgcacttctc tctctttcga aatagttgag gaaaattagt tccgtgaaga acatccaagc 120
cgaggcgctt ccgtaacatt tacgtaacgt ttccgtgagt aattacgcga agattctcga 180
ccgtttctca agattcaccg tttgttcttc gttttcttca gtcttcaacg ggtaagtacc 240
tcgaaccaag cttttcgatt cattctatgt acccgtggtg ggccacattt cgtttcatgt 300
atatttattc tcgtctccat ttacttttta ttcccccttt tgacgtgctt angccattta 360
tttaagtcgt ttctcgctta atctgnaaat aaaataaatt tccaccgatc gttcgaa 417

<210> 1422

<211> 405

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1422

agctntntta agcattttta atacttacta gcagaatttt caaaccgcan aaactgaatc 60
gaaccaacct acaaaatatt ggtttggatt tcataaataa tttaaagtgc accaaaccgt 120
actgcaaaca ccctagatc gtagtattgg tagatagcta atgctttctg catgctgggc 180
tctctgaaat tcttcgagct aactgaattt gctaaaaaca ttggttgata gttgccttaa 240
ttgcagttgt ccctagcctg ccttttagtgc agtctctttg gggtgcctaa tttcagtctc 300
acatcaattg aagatatagt caatataatc cttataaaaag gcttcaacaa tcttgacctt 360
acaagccaat tgggttgggt caagttaacc ctaagcccaa attct 405

<210> 1423

<211> 450

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1423

cgtttttctt aattntatga gtttctatct ctattcaatt atgtaaatat catttaaattg 60
ttatcttctg ttgatcgtgg atattggctt tgttctgctc aagttcattc atttgcagca 120

tgtgctgatt tattatgttc atgagatttc ggtgtgtatc aatttgccat ccgatgcagca 180
aattagaatg gtttaataagt ctagatgaat atgatttttc ttcaatgca tcttcagtat 240
tattagtttc tgaatttgat catgaggcat atggattgag ttttaaacct ttcttcttgc 300
aatgtagagt agttatgtgt tgcgttctgc atagcatcca atctccgcat gatttggtga 360
tgtctagccc agatcanact ctcanattng tcttcaactt cacaattttc ttaggtctac 420
tatgggtggt tcttgactta cttcctctat 450

<210> 1424
<211> 374
<212> DNA
<213> Glycine max

<400> 1424

agctttggag catgacgaaa gtttgtcaag gttctaacaa ttccatcatg cattatgatt 60
tgtatagagc caatcccact agtcttacia gagggattgc ttcccatcat aacattacct 120
acggatttct tatcataggt caccaaccag ctctatgtg gacacatatg ataagaacaa 180
tctaattcaa gaacccaat tcaaatgac gtcgttattg atcaacaaca gagaacacca 240
aatcagtttt tgatgaggaa tcattctgaa cagaggttgc aatagatttt ttttctcttc 300
ttttcttttg acaatatttt ttctagagac ctggttcctt gctataatta caaatatccg 360
tttgtttaac tttt 374

<210> 1425
<211> 441
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1425

ttacggacct atgaaactca gctatgctgc nacattacaa tagacctcct caacctcagc 60
agcaaatca accacagcag aacaattatg acctctccag caacagatac aacctggat 120
ggaggaatca ccctaattct agatgggtcta gccctcaaca acaacaacag cagcctgctc 180
cttcttcca aaatgctgct ggcccaagca gaccatacat tctccacca atccaacaac 240
aacaacagcc ccagaaacag ccaacagttg aggctcctcc acaaccttcc ctctaagaac 300

tcgtgaggca aatgacgatg cagaacatgc agtttcaaca agagaccaga gcctccattc 360
 atagcttaac caatcagatg ggacaattag ctacacaatt gaatcaacaa cagtcccaga 420
 attctgacat gctaccttct c 441

<210> 1426
 <211> 374
 <212> DNA
 <213> Glycine max

<400> 1426

agcttgtgct cgaggccttg acctcataat tgtctcatca ctgtgtttga tccattctga 60
 gagtttccag ggcttctgcc acttccattt aaactgtagc agccattgat gatgacttct 120
 cttccacttc caaagttttc cggcttgtcc tatagctgct agcctcttcg ttgacaactc 180
 tccaatgggt atcatctgga tataaaccba ttaaaactta ttgagaaata aacactatca 240
 tcatcatcat cagggaaata gaatctagca aacatacctt tcgtgcttca tctaaaaatg 300
 tagctgactc cctgcctgac caattaacaa ctccaggagt gaatttgagt tgctctgggtg 360
 caggaagcga catt 374

<210> 1427
 <211> 473
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1427

ntgaagaaac anaaatgaaa gctctaagga accgaatgca tgcacaaatt aaaattataa 60
 aaacaaaaaa aagaagtaag aaacaatgaa cactcaccta gaatggatga acgcaagaag 120
 ctttgatgaa ggaggaagag gagatcgaca ttaagagact aggagggttaa gaggagacgt 180
 aatagagagg aatgaaaagt gatgaatgag aagagattgg aaactgatag gcttaggggtt 240
 taatttgtga gagagagact cacaagaggt ataatgagag attgagtga tatgaaataa 300
 aaaagttagg gttgcacttc cttttatata tagataaggt taaatatgta atatacttac 360
 attgcattag taattaaata aaattagtat aagaataata cactatggta actaaataat 420
 aataataata tatgatatat gatataatat aacacaataa tagtaataat aat 473

<210> 1428
 <211> 448
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1428

agctagtang attatggtgt acccgtcata tgtggtacta ggtggcgatc gggagatggt 60
 gcaaatcaac tctcccatat ccacaaatca cacatgaacc caccatcccc agttgcccac 120
 cttcaactga gctcgcgtac ccccacgtag cccttatcct cgttcctctc agcaccaggt 180
 ccccatcaac ccctccaagc ttccacaata tccaaacatc atgaactacc ctaaaccaag 240
 aaaacagggc agaggcaaaa aaactctatc caaaacacat tccaatacca cagctttccc 300
 tgctcaaata cccagtaac attctctttg ttcttattcg ctaaccgttg gatcgactcg 360
 caaattttac tggaggtccc tagtacataa gtctacattg tgacgcgtgg gatctgctat 420
 aaaatgtcca gaaccaata tgtactac 448

<210> 1429
 <211> 419
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1429

tcttgcgtag ccgctcttgg agctcagaan atccccaaaa caaatccctc ttattactag 60
 ctatnttgaa ttctttagtt cctgaatgta caaccttcaa attggtgctc attcccctct 120
 ttgttttctg caaaaaagaa aatcaatatc aaagaaaaca tggatgaagc cctaaggatg 180
 ccatgtacat gtgtatttct gaagatatag tatttatatt ccatcaagca tacattgact 240
 gctgattaca tgtaatagac ttntataac atggttgccc canatcacia ttaanaagca 300
 caactaccaa tctttcagag tcttttggtt aatttgctct gtctccttct gtggtggggt 360
 ttaattaata atattatata ttttgcttc aaaaaacact tatgactaat ccttttttc 419

<210> 1430
 <211> 467
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 1430

ttctttttgt gnacaacaca ctttcatgtg tgggtcgtga gcagagagag aaataattta 60
 tgcttttcnc tccctcactc ctttcaatac tatccaactg taatcgctc tactatgcta 120
 catgtaccca cttgtatatc cagatagtat gcctcctatc aactttgcaa cttgagctag 180
 agtatctacc ataataccca ctaactaaac ggcacccatg taagagcacc tccatataat 240
 agaaccgtgt atgaaacgac cagtgcctga actgagagat atatcttate tatctcatga 300
 tcctctatca cgatactcga actccccaag gatataacat ccgataaact tattttctgac 360
 tcccaatana tatccatattg ttogtagcct ctcttaaata aagcctctct ttgacgttca 420
 ccgcttattg caacaagaat ttcaattctg acctcaatcc actaacg 467

<210> 1431

<211> 438

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1431

agcttgtcaa atatacttat gaatactttt cttaacagat attcaaattc atcgtgtaat 60
 gaggaattgg ccttttgtat taaatttaac ctatatggc aatgtttttc actaatgaaa 120
 acaaaacata taaataaaat aacaattttt taatcagtaa aaagtagatg taaattggta 180
 caagggtaac aaaaccata tacaaaactt gtgaaaccac acaccctact gtccacttca 240
 ctgggttattt aatattttgc tcaacacaga gagaaaaaat attttccttc ataataaaaa 300
 gntaacgtct tattattatt tatttgaat tattctttta aaaataaatt aagagaaaaac 360
 gactaatatg ataaaaatct ttngaattta tccagattc tatcccgata atngtgaaaa 420
 tcattctacc ataactaa 438

<210> 1432

<211> 408

<212> DNA

<213> Glycine max

<400> 1432

agcccatgtg tcgttcctgt catattgggtg ccaaagaatg atggaagctg gaggatgtgc 60
 tcacattgca gagctttcaa caacatcacc attaagtaca ggcattctcat tcccaagcta 120

gatgatcttc ttgatgaatt gtatggatca tgttacttct ctaagataga tttgaaaagt 180
 ggatataatc agattacgat tagagaaggt gatgaatgga aaacaacttt tataaccaag 240
 tatggcttat atgagtggaa ggtaatgcca tttggtttaa caaatgacct tagtactttc 300
 atgagggttaa tgaatcatgt tttgagagag ttcttacgac aatatgtggt tgtctacttt 360
 gatgacattc ttgtgtatac cacaaatgtg gatgagcatt tgcaacat 408

<210> 1433
 <211> 444
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1433

agcttgtagg attatggngt acccatcacc tgtggtacta tgtggcggtc gggcgatggt 60
 gcacaacaag ttttccacat ccacaaacaa cattcaaaca gcacaagcta tcacagccaa 120
 gcaaaacagg gcaaaggcag aaaactctgc tcaaacacca accaaaatca tatctttttc 180
 tcacttaaag accccagtaa caattccttc gatccaattc gttaaccggt ggatcgactc 240
 caaaatttta ctggaagtct atagtacata agcctacatt ttgaccgttg ggatctacta 300
 gaaaacatcc agaactcatt ctgcactaga ctttccacag gcaaccacac acaagcaatt 360
 ntctgcacaa agccaaaatc ctgctgcacc tattntgaca gcaaaattct gcataagtgc 420
 agatttcgaa aatcacactt cccc 444

<210> 1434
 <211> 466
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1434

ggcttgccgc acatccaata ccaaacacca cacttaatac gaaccataac accaaccagg 60
 gaaggaattt tccagaaaat aagcctgtaa aattcacctc gatttcggtg ttgtatgcta 120
 acttactccc atatctattc aataatacaa tggtagccat aatcccagca aagattcctc 180
 aacctccatt ttcttgagga tacaactcga atgcaacatg tgcttatcat aaaggagtta 240
 tggggcattc tattgagcat tgtatgacct tgaaatataa ggtgcaaagt ctaattgata 300

tggctctaact aaaattcaag gagggcaatc acttgtgaat tctgacgttg tcaagcgaca 360
 ctattcatgg ngcaatttga aggttgttgt .tagatgtctc caatgactca ttangatttc 420
 caggtttatg ccattactgt aaataacagt cacaatgcta ataata 466

<210> 1435
 <211> 448
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1435

agctntagaa acctacacgg cgatccaacg ggactagcac aaagaaatat aaatcgtttg 60
 atttgatgtt atcaacaact cagaataatt ttttttggca atcctcgtct tttcgaacta 120
 gccaatggaa tgtcattata ggtacatgac ccacttttta ttcgatgtat gttctttcaa 180
 tttgaaattg gggtgagatc tagagaaaac caacaactaa actcaccat gtaatgtact 240
 ccatttattt aatgtgttta aattatcagt tcttaatttg agatatagta ttctatttaa 300
 tgattttcta aaagtatatt gtatttttca attaaataaa aagctataaa tttatttttg 360
 attcctaata aatatctaatt tnttgtgttt gctctttaat aaacttttct ttttcgntga 420
 gtccttaatt aaacaaaaat tttaattt 448

<210> 1436
 <211> 484
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1436

tatgagcatg aaacctttct ccaccaaccg agaaagtaac atcaaatgat tcctcatcct 60
 ctaacaacat cccaaaatgt tcaccaatat cagattcagg aacctgtatt gtgtttaact 120
 gagaagaata tatctatgga cgacactaaa accgcaatag tgcaatttat cttcaagcag 180
 tcatecttga gaaaatttga cgtctcaagg tgtctccgtt tgaaaaaccg cgtatagccc 240
 ctattacaca acaagtgcatt cattgatcac tacgtaatgt acaccacaaa aaatggatac 300
 aagagctaatt aaatcatgat gatatccaaa tcatatcacc aaaatcaciaa ggttctctag 360
 ttcctttgaa aatttaattt ttatgtctta tattctaata aaagagctat ctctttaacc 420

cctgacaata gtgaaaaaag aataaaagaa aaatcaataa cactttgctn tattntaaag 480
acta 484

<210> 1437
<211> 417
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1437

ctcttgagtg agcatttaaa gtctgcatat canagcacag tacataagca aggtcttcat 60
tttgaataaa taacattggt agtttaccag ggagaaaaat caacaaaaca aagatgtagg 120
aacagagaag cttcctaaac accctaaggc caatcccagc ctagaataa atgtttctga 180
gtgcaaaatg agagtgaag atgcagaaaa gaaaaaaaat cttaatctta ttgagaaga 240
gggaaacctg aaagcacctg cttctaact atgttcagaa ttaacttatg agttattatg 300
tgcaaactct ctgagcacta aacttcaatg caggtgacaa ccaatccgta aacacaaaaa 360
acttttttga agagtttgca ttgataatta taattntgga aacatatttt tttaact 417

<210> 1438
<211> 479
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1438

tagttggatg anattccatg atcacacctt atagtaagta gataaacatc ctanatcagg 60
aagaacaagt tgatctagct acctagaaat caaatgtgta atcctaact atgaagtatg 120
ccagggatgt cctaccttct ctcttacata ttgcggcaga gcaattgatg ccaagttgca 180
cacagccgtt tctgttgac ttgtatactc aattatctca gtgcacaagt ttcattgactt 240
gattgtgccc aaattctggt gggtgctttt cctattgcaa gtgtcctagg atatagaaaa 300
atgaagaggt ttcaatgaaa ataaatacaa aatgcactga cagaaactta gcaaaagtca 360
aacaagcatt tgtaaaccac cttataaaat atgtaaggag ttccagtttc tatctgtgac 420
ttcaaaatct caaaccagag agattctgtg cctgaacaac cttctttgct tttcccat 479

<210> 1439
 <211> 436
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1439

agctntgatg atgtcgagaa gaaatcacat gtttgtcatc atcaaaaagg ggagaatgtg 60
 attgtatgta tacatgattt tgatggtgaa gaatcaaaac aaggcttatt tgcttcaaga 120
 ttaatacaag attgtttcaa caaaciaaagc cttgattcaa gattttcttca agatcaagcc 180
 ttacctcaaa acgaaagggtt tcaagtcaac caaggcacat gtaattgatt accaatacat 240
 gtaattgatt accaatgggtt tgaaagtgtg taatcgatta ccagagactt tgaacgttgg 300
 gaattcaaat tttaaagtga gagttacaac tattcaagaa aaataactat gtaatcgatt 360
 acactaatgc tgtaatcgat taccagagag gattntcaac gaatatcgcc aacaatcaca 420
 tcttatcatt tggatt 436

<210> 1440
 <211> 487
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1440

tctgcttatg tggcagggcg ggctaccttc actttcttgt ctccaacgcg agctgtgacc 60
 actgtttcttc cttcccgaga tgcttctttt catgtccgcc tgagtgggct tatagcctaa 120
 accatacttc ccacgatttc cttgggcatt tatcaggcta gttatgccgc cgttgtcttt 180
 gcctaaaccc attctggggtt cataaccgtt cccaacata actcgggcca tcattactgc 240
 tgcacgggac agacaaggct gccagagag ggaatccacg gaggaatgc tgaccacctc 300
 anaagactgg aaagcggttt ctaacgattc ttctgcggct tccacataag gcatagagga 360
 tgggcagctc accaagatgt cttcctcgct tgacacgatg accaagtgcc cctccactac 420
 gaatntcaac ttttgggtgga gcgtagaggg cacaactccc actgagtgga tccacaggca 480
 ccccaac 487

<210> 1441
 <211> 417

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1441

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atggatggcg cctcctctca cctcttctcc ttgtcttcc gctgcatctc catggtggaa 120
aatcaccatt aaaggacctc attgaagctc anagatccag cctccataga agccccacaa 180
gcaagcttcc atcacattnt aacgtccctc ttgattctga accatatatt ccaatcaaga 240
gatctttctt gatcgggtgt gctgtggttg tgtcatttgg ttaccgcaa gagcatgatg 300
actcttgggt aaaaaagggt gctcaaccaa atgatgatga aggagaatta ccggttgaag 360
gggactcttc tcttcttttag agtattttga caggnttgat ggactcanac ctatgtg 417
```

<210> 1442
<211> 428
<212> DNA
<213> Glycine max

<400> 1442

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cctctatgtc tagactctct taacatcaaa ggattcttga gtaaaagttt agaaatgtta 60
aagtttcaag agaagttgac aaagtcataa ttcaatcccc atttcttatg acattctgat 120
catttcataa tcaccagcat tgacattttc ataagaagga gtggaccgcc caacaccacc 180
agatttttgt gcattatcct cttccataac actcttacct cccacgcatt tattttgttt 240
gtgctcatag tgaccacatc taaaatagat ggggtgcaac cattcatact caagaaacat 300
gggatatccc ctaaccataa tgtgcaaagt caattgtcta tccaaatcaa ttctgacaca 360
tatacgtgtg aatttaccct agattgtatg gacgtcaa at tattaatctt aagcatgggt 420
tctagcat 428
```

<210> 1443
<211> 425
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1443

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agcttaccta caagtcctaa ttgtcattct atactagaat caattcactt tagactccaa 60
```

tttccactaa tccccanagt tggettctct aaccctcaaa atctcacact tttctaccta 120
 caacattgtc attctcacat ttaaccctaa attaaccctc cccatcatct ctaccagttt 180
 tctatcaaca aatttcagca cacaaacctc acaaagcatc accataaaac cctaaaatag 240
 aatgggtaaa tttgactcac atccaacatg tcaagtttag catgctttca acaaatttct 300
 tcacaaataa ctaccataag gcattaacct agtaaaacta cccatcatat ctccccaaaa 360
 cccaatcccc acgaaattca tgtgagaaga agtccacca aacctgaaat tcgaagtccc 420
 acaat 425

<210> 1444
 <211> 381
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1444

tgcccaggcg agcaaggggtg cttcctccag aagcaacaac cttctggagg aagaatatgg 60
 aaggcccaag tgggcctgat tgctatttgt gcccccttt ttactaaatg cacctccctt 120
 ctattttttt ggtgattctt tttccgtaac gttacgaaac tttacgaatt tcgtaacgat 180
 acttattttt tttccgtaag gttacgaatc cttacggatc atgtatttac tctnttttag 240
 ctntcgaaga agttacggaa actcacggat tgcacaacaa cacctccttt tggtttccgc 300
 cacactacgg aatttcacgg atcgcataac cttgcttact tttgacttcc ggcgcgtctc 360
 gagacttaca tattgtgcaa c 381

<210> 1445
 <211> 329
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1445

agcttctccc ctatnttgct atatataggg ggagaagtga agaagaaaag ggttcagcct 60
 cttaggcact tctctctctc tcaaaagtgc tgaggaaaat tatttccgtg aagaanatcc 120
 aagccgaggc gtttccgtaa cgtttccgtg agtaattacg cgaagattct cgaccgttct 180
 tcaagattca tctttcgttc ttcattttct tcaaacttca acgggtaagg acctcaaacc 240

gagcttttcc atttattcta taggcccgcg gggggtacaa cattgggttac aggaatttta 300
attctcgttt ccattggctt tttataccc 329

<210> 1446
<211> 345
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1446

ttacggacct atgaaactca gcttggagaa aacaagttct ggtcatatga gctattntgc 60
tagtttagtg ttaggagtgt aaaggctntg tgggatcctc tcaccgcag accctttctt 120
ttgttcaaag ggatgtgaac aaagtagcta atagtttggc ttcttttagct tccctttttg 180
aggatagagt ttggattgag gaagtttccc ctcatattct ttccttgtc aatgatgact 240
tacgacctct agccattgtc actaaatcaa catccgttca ctcccctatt acgacgacct 300
ctgccatata caaccttgaa ccagcgtctg cgataacaaa tcaaa 345

<210> 1447
<211> 409
<212> DNA
<213> Glycine max

<400> 1447

agcttgcccta attaacctga aattgagaca aaatgattat taaacacaca aaatgaaaat 60
actaagtatt tattacctat acttaacaga aaatacttat aacactacaa aataaccata 120
aattgggaga gtttgatata atttatacaa gttttatata caaaagttag tcgttttcat 180
cgactaacac atgtacacta ccaccacatc ctccacaatg agaagagtga aagacaaggg 240
taaggaatcc ctaatagaat tggaagaggg tccaaaggta tgtggaatgg agacacgcaa 300
caactgcttc tgaactaagt cataggtagg aactgtagga ctcgataaaa tctagtggac 360
tgcctcaagg ttcgatgtga gtccaacaag aacaaccacc atgaaaaat 409

<210> 1448
<211> 439
<212> DNA
<213> Glycine max

<400> 1448

tcgtccgtag atccctcatg taagaatggg cctatactaa acagcattat tgtaacagca 60
taattaaaac caaaacttaa cccgcaaadc cctcatgtaa ggctaagttt caatcctgct 120
tcaatcaagt tctaaggcaa tagtacattt tccaatgcta aagtcaccta actatgcaca 180
caaatgggtg atcagaccaa aagcatacaa acattaagca ttgaggggaag cattgaacac 240
agaaaacata atcaattaga tattaggtat ttacatcagt tgttcattag aaatcccca 300
ctaggggtgtt taaccaacca ttacaaagaa accctaacaa taaatgagat taaaagtaga 360
gaatgatagt tccttacaca agaagaggga tttctcctcc tcttctcagc atctcacact 420
cactctctac tcaataatc 439

<210> 1449

<211> 458

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1449

agcttganat tgaacaacgg aagctctcca gatactctta tggtcataac ttatcacacg 60
gaggtccaat tgaggcgcat aatatatcga gacgctcgaa attaaacaac gaatactctc 120
gagaaattca aatgggtcgta acttatcaca cggaagtccg attcaggtgc ataatacacc 180
gagacgctca aaattgaacc acgaatgttc tcgagaaatt caaatgggtca taaattttca 240
aacggcagtc cgatttaggc gcataatata tcgagaatct tgaaattgaa caacggaagc 300
tatccagaaa ttcaaattgt cgttacttgt cacacggaag tccgattcag gcgcataata 360
tatcgagacg ctcgaaattg aanatcgga gctctcgaga nattcaaattg gtcgtaactt 420
ttcaaacgga aagtccgatt aagcgcataa tatatcga 458

<210> 1450

<211> 455

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1450

taacanaagg catgcgaagt ggggtggaatt cctagagcaa ttcccttatg ttatcaaaca 60

taaaaagggg aaaggttaata ttgtagccga tgctctttct cggcgatcatg cattactttc 120
 tatgcttgaa acaaaattga ttggtcttga atgtttgaaa agcatgtatg aaaatgatga 180
 aacttttgga gaaattctta aaaattgtga aaaattttca gaaaatgggt tcttttagaca 240
 tgaaggcttt cttttcaaag aaaacaaatt gtgtgtgcct aaatgttcta ctagaaattt 300
 gcttgtttgt gaagcacatg aaggagggtt aatggggcat tttgggggtcc aaaagactct 360
 agaaacatta caagaacatt tttattggcc tcatatgaaa aaggatgtgc agaaattttg 420
 tgaacattgc attgtatgta aaaaggcana gtcta 455

<210> 1451
 <211> 440
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1451

agcttagtat ttatatttat tactacactt catgtaatac tatactgaaa cagagtaaata 60
 ttggaacttg aatgaaaacc tacaaattac taccttcccc aatagataga agtagttcaa 120
 cacaagactt agctccccca gctaaggcta tgtgaaggga aatgccattg tgcatattgc 180
 gaatgttcac atcaacacca gcaataagaa taacatactc aaaacacaaa aaaacagaac 240
 ttagttaaca ttagatacaa aaggcacata cttcagatac caacatgata ttgaatattg 300
 atggatattt aattattcta atgaagaatt tggtttactc accttaacca attcatcatc 360
 gtcaatcata acagctcact actagaaaat aagggtttca catcggttat ttaagacttt 420
 caacatcggn tattaatcga 440

<210> 1452
 <211> 396
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1452

tgacacagtg cttgtacaga gctcatctcc accgcgagca cataagaaat tatgtggaan 60
 aatgaagata aactgtgtta agcaagacca aaaaacatac aagaagatac tgtcagtttg 120
 tttcactaat taaatcaaata aacagggttt tgtagcttat atatatcatt aagaaaccag 180

tacggcagta cctgaaggaa gtgaattgtc ttttaatcga gtcagaaacc agtatatatc 240
 atttaagata tgtaagttag tgttgtcttt tcagacaaat gaagcattag cgaagcgaag 300
 acacatcatc atgttgtgca tgtggagggtg gcaggagctg aactgcatat tcaattctat 360
 gtggggcacgt taaggtggaa aatgacactg gctggc 396

<210> 1453
 <211> 419
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1453

agcttgattg tagcagttaa tataaaacaa acttaacgat agcaacagaa taattttttac 60
 aaatttaata ccattcatca attnttcac actttttcat cttcaatata aatgaaaata 120
 ttatgttagt gaactattca tcactttttt cattcattnt ttttttatca atggtagaca 180
 tttatacatt gatattccat ataataact atagactaat agataatagt gtcactaata 240
 tcttctcgta tacaatcatt ttgtatccta tcttttcttg tatggccaca cattcattta 300
 atatacctat ttctaact taaactatgt aaggaatata ccaataggag aggcacaacc 360
 aatatacatt tgtctgatat cccanaaaag catgataaaa tatacatatc attctaaac 419

<210> 1454
 <211> 414
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1454

ttatattcat gaattgctaa gcgaaattca ggattgttcc tcagtacact aacattatgc 60
 aaaatataga actttgcttc ttccatattt taactcagta gattccaaat atcttttctt 120
 atagatgttt caatttgatc acctttattc catattaaaa tgaaacttgg tgtaaggcat 180
 aatttttttt tgtcttatat taattaagaa ataaataacc tatacacaca aaaaattcat 240
 acctggctat caaacaaaat ctttttgaac ctcaaatg gatttccatt aatgtgggtca 300
 actatttttc atagcttatt gacttgagcc ttcacaatct agcaggtaat agaaggagta 360
 atagccttca ttgngattaa catgtatcct anaattttcca tcaccttagc acaa 414

<210> 1455
 <211> 455
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1455

agcttctccc ncaattntct ataaataggg ggtaaagtga agtagaaaag ggttcagccc 60
 cttaggcact tctctctctt tcgaatttgc ttaggaaaat tgtttccatg aagaaaatcc 120
 aagccgaggg gcttccgtaa cgtttccgtg agtgatttcg cgaaggtttt cgactgttct 180
 tcggcgttct tcattcgttc ttcacgttcc ttcagtcctc aacgggtaag tacctcaaac 240
 caagctttcc aattcattct atgtaccgtt ggtgggtccac atttggtttc atgtattttt 300
 attctcgttt cattcacttt ttataccccc ttttgacgtg ctttaagccat tntattttaag 360
 tcatttctcg ctttaacctag aaataaaaata aatttccact gatcgtttga attgtattat 420
 ccgttaactt tgggtgagat gaattccgac cgatc 455

<210> 1456
 <211> 431
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1456

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 ttgctaaacc actgagtaat ctgatgaaca aggatgctgt gtttatgttt aatgatgaat 120
 gcttagaagc cttaataacc cttaaagcca agttgggtctc tgctcctgtg attacagcac 180
 tagactgggg actagagttt gaattaatgt gtgatgcaag tgattatgca gtangtgctg 240
 tgctggggaca gggaaagggc agaatttttc ataccatcta ctatgccagg aaagtgttga 300
 atgatgctca gatcaattat gccaccactg agaaagaatt gttggcaatc gtttatgcac 360
 ttgagaaatt ccgatcttat ttgggtggngt caaagatagt aatttacact aatcatgcaa 420
 caattaaaca t 431

<210> 1457
 <211> 441
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1457

agctaggcat tntaagttag tctaattctca cttgagccaa tatggtagcc tacattcatt 60
tcatgtacat attcattatc atttttatgt ttgttttggt catttggtgt tgtttgtttg 120
ttatatgtac atttagaaaa catgaaaacc ttttttagcat gttatttcta taaaaaaaaat 180
ttgcactatc attcatgata attgattacg agactttgta atcaattaat tcgacctgag 240
gttactatct tagtgtcttt aggttagcca gtaattaatt acattgtatg gtaatcgatt 300
accacctgca ccctttctag gtagagctat aacaattata ataattggta atcgattacg 360
cagggtttga aacatttttt tttaaatgaa aagacactcg ctttgcttta tatacagcat 420
acctagacct aaattcttac t 441

<210> 1458

<211> 468

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1458

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gatcttagcc tttntgtana aaggttcaac aagttcctga aaatcagagg aaatcaaagg 120
agaccaaatt ttaaacctaa aagaaggaca aaagattcat cctctactcc aaaatgcttt 180
gaatgcaatc aacctgaaca tctgaggggt gattgcccga tcttcaagaa aagaatggag 240
aaatctgaaa agaaaaattt tagtgaaaag aagatgaaga aggcctacat cacatgggat 300
gacaatgata tggaatcata tgaggattta gaanattaag agataaactt gtgtctaatt 360
gctaaaagtt atgaaagcaa tgaagaggta acattcttcaa ataacaactt atccatttct 420
tttgatgaat tacaagaatg cattgctgat ttgcatagag aatcaatc 468

<210> 1459

<211> 501

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1459

ctgctgatat tgcacantct gagcaataag cctnnaaacc tataacaagat aatgctacgg 60
 cggacgcttn catacagcca gngaagttga actggtgcta cagcccgcaa taaacttggg 120
 ccgagacaga aacacgacgg gtttcaatcg gaggtatagt cctcaagcct acccttatgg 180
 tttgcctcca gacttctctt cccgtaccgc tccaggcgat atgagccaag cccctacctt 240
 cgaagggtag acttctcttc acgctcacta ttctntgtag aagatgatta tggagatgcc 300
 catttacgac cttacttctc cttatggaac cagtcccgca tgaattgtcc tatcatccta 360
 ctcgctgctt actatttata cgtacattta agaattgtcc ccttggcatt aaatgttcca 420
 tagtttactt atcaatccca tgggtttctc ggcatttgct ttccttttaa acacacatta 480
 tattatacaa accccttgcc c 501

<210> 1460
 <211> 465
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1460

tagaaaggtc tactcanatg gatgtatggt aagttgataa gtataaaaaa atgcaaaaag 60
 tagaanatgc aggatcatca cgtgcccatt gattcttggt ttctaataatc aaataattaa 120
 taacaagaag aaattcaatt aaataatttt ttgaaatcac caaatttaatt ttcttaattt 180
 gataaatcaa aggcatatc tatataacta aaccttacca tgaaaaattg gcatcattat 240
 gtatccttct actcctatct taaattttat tatattgaac ttatattttt ttagtcaaca 300
 ttgccaagat gtggatcagg tttggccttc caaagacaat atcaatgatt tataataatt 360
 tatcaaatca tttgatattt tgattttataa taatttaaga caatatcaat gatttatatt 420
 aatttataca ctctgatgaa ctanatccct tgacaaatag ttaat 465

<210> 1461
 <211> 312
 <212> DNA
 <213> Glycine max
 <400> 1461

gcgagctagg cgaacttgat atttgcagat cgctgatcca tcttcttctg taagagcgca 60

taatgcactg ggcgcacatcat gattggctga gcgcatagaa caatctggaa aaagatgacc 120
 tgtacatgtg cgtagagcga gagtcaaact tgcttaacgc accgcttgca cctccaggct 180
 gagcggcaaa aaggggcgct acacctcatg tcacttaatt tggctaggcg aaccataatg 240
 tggctgatcg aacgaccaat tatcagcatc actatttaga gactgaagtc agatatggaa 300
 gagaggacca at 312

<210> 1462
 <211> 410
 <212> DNA
 <213> Glycine max

<400> 1462

agcttgtagg attatggcgt acttatcaca tgtggtacta cgtggcggtc gggcgatggc 60
 gcacaacatg ctatccacat ccacaatgcg cgcataaacc caccatcccc tgttgccac 120
 ctccaactga gctcacgtac tcccacgtag cccatatact cgtttctctc aacaccgggt 180
 tcccatcaat gctctcaagc ttccacacca tccaagcaaa acaacattca cacaggacaa 240
 gctattacag ccaatcaaaa cagagcatag gcagaaaact ctgccaaaac accaaccaaa 300
 tcacagctct ttctcactta agaccccacg aacaatttct tccttctctg tcattaaccg 360
 gtggattgac tcgaaaatta tactggaaga ctatagtga tatgcctaca 410

<210> 1463
 <211> 444
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1463

agctnntgaa atcaaactnt atcactggta atcgattaca ggaaactgat aatcaattac 60
 cagagagtaa atactctggt aacttagaaa attttgagaa aactcttttt gtaaaacaaa 120
 actatgctat gtttggtttt tgaaaaatcc ttttcaatac ttcccttggtg aattcatctt 180
 ctcttgaatc ttgattcttc ttgatgtctt ttcttgaatc ttgaaatcaa cttctcttga 240
 atcttgaatc ttcttgattt cttgaacttg ttgactcaat cttgacatca ttctttnnggg 300
 ctttttgtca tcatcaaaac tacttgaatc atacttgatt cattatcatg aagctggctt 360
 ctacaatctc cccttntttg atgaggacaa ccctgaaatc aagaaacaca tacacattcn 420

tttttctagt cgatcactca ctta

444

<210> 1464

<211> 459

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1464

gggttcgagg tacttaccgc ttgaagatcg aagaacgaat gaagaacgtc gaagaacggt 60

cgaaaacctt cgcgaaattc ctcacggaaa acgttacgga aacgtttcgg aagcgcctcg 120

gcttagattt tcttcacgga aacaattttt ccaagcaa atcgaaagaga gagaagtgcc 180

taaggagctg aacccctttc ttcttcactt cctcccctat ttatagcaaa ataggggagg 240

tgcttgctgc ccagctcgcc caggcgagcc aggttgcttc ctccagaagc aacaaccttc 300

tggaggaagc ttctggaagg cccaagtggg cctgattgct atttacaccc cccttattac 360

tanatgcacc cgcctttcta ttatttgtaa ttctntntcc gtaacgttac gaaactntac 420

gaaattcgta acgatactta ttttcctttt cgcagggtta 459

<210> 1465

<211> 397

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1465

agcttggtgcc ttttcacgtc tggaatatga atgtagcata tagatccaaa gacccttagg 60

tgctttgctg atggcttctt cccgttccaa gcttcaattg gagtcttgct ttttacagac 120

ttagttggac atctgttgag tatgtaaaca gcagtgtaga ctgcttcaac ctagaatgtg 180

ttaggtagtc cttctcctt gagcatcgat ctagccattt ccataactgt gcgattcctt 240

ctctcggaca ctccattttg ttgaggagaa tatgcgattg taagttttcg ctcaatgctt 300

tcacctcac aaaatctttc aaactcgca gatgtgtact ttntgttgcg atcacttctt 360

agtactttta tccgttttcc acttttgatt tcagcaa 397

<210> 1466

<211> 464

<212> DNA
<213> Glycine max

<400> 1466

atgttctgca ggaaacttgt gtccctttta agtttatgac tttcggctta gatttatatt 60
aaaaaattgc aatagttgta gtatggtaat atatgcttct caccgaaccc tctctggaat 120
ttgagactac tctctctgta gtctttaagc tatagttctt ttgcctcttc aatttttggt 180
ataccctttt tagctgtttt ttgatgcatt attttagctt gattattaga tttgactgct 240
tgtggacaat aatttctagt ccatattctt tataaaaatt gagaatgact ctgatatgct 300
ttagcttttt aaacaaacct ttggccggca ccaaatactg ttactttata tacttataac 360
tcaattgcag gtatagattg gcatattcat caaactatag ccatatcttg gatccggtta 420
ttgagaacaa ttaccaatta ttcatgatcg agaggcttat aatg 464

<210> 1467
<211> 382
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1467

agctttntag gatagcaatg ttatcaatgg cagatagcgg aacatggcag aaggccgaaa 60
ttccaccata taaacatacc attgcacctt atgtcaccac catggcagac ctcccttcac 120
aaattgtcta tggcagttgg gaaaaaatcc gccatgccat tccaccatgc cagtcccatg 180
gcctctatatt aatagcactg tagggtagtc taacaacatt ttccaagttt aatgacattc 240
tagcttaaga agcatagaag attgaaaaac ttgtctttnt gttaaactaa caaaaactag 300
tcatgtgaga cacattcaaa gcctgttaaa cgccccagca nnatatattg agcagaacca 360
ttatattgca tgggtccata ct 382

<210> 1468
<211> 410
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1468

ntcttgagaa aacttccttg agaaacttct ttgagataac ttccttgaga agctagagct 60

tagctacaca caccctctc ataactaagc tcacctcctt gataagcttc cttaagaaga 120
 ttcttaaaga agctagagct tagctacaca tacctctcta atagctaagc tcacctcctt 180
 gagatgagaa gctagagctt agctacacac cccctataat agctaagctc accctcatga 240
 cgaaatacat gaaaatacaa aataagtccc tactacaaaag actactcaaa atgggtcgaa 300
 atacaaggct aaaaccctat actactagaa tgaccaaaaat acaaggccta agcgaaggag 360
 aaacttattn taatatttac aaagataagc ggggtcatat ttagcccatg 410

<210> 1469
 <211> 312
 <212> DNA
 <213> Glycine max

<400> 1469

agcatacaaa actaatTTTT gggcctctat atgtctgagg gcccaattac aaaaatacag 60
 catacaaaaa tgacatacta taaaactgga cgacaaataa aattgtcttc tctcttcaag 120
 tccaagccgg ttcagcccaa ttccagatcc aagctcaatc gcttataatt ctcttgaaat 180
 taaattaaaa cacagaatta gtcaagtagg ctcaaatgat aaaactgcat aattaatttg 240
 acaattaacg ctaatcacta attaaaatgg tgacagaaag gggtaagaaa tatgagaaaa 300
 taatgacaca tc 312

<210> 1470
 <211> 315
 <212> DNA
 <213> Glycine max

<400> 1470

tcattccttg ttctactcat gtgtccaagt ctttgatggc atatggttga attgttgaca 60
 gccttagtaa ctgctaccat atactcatct gcaatcatgt aaagagatcc tcgcttcttt 120
 ccacgagcca caatgagatt gccttttggtt accttccaag ctctatatcc aaaagtgggtg 180
 taatgcccct cattatccaa ctaccctata gatgttagat ttccctttta ggcaagaata 240
 tgtcaaacat tgtacagtgt ccatagggat ccactagagg tcgtgatgtc aatatcacct 300
 ctcccgacaa tgtca 315

<210> 1471
 <211> 400
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1471

agcttgtagg attatggtgt acccatcaca tgtggtacta ggtggcgggc gggcgatggt 60
 gcacaacaag ctttcctcat ccacaatgcg cgcataaacc caccatcccc tgttgcccac 120
 ctccaactga gctcacgtac tcccacgtag cccatatacct cgtttctctc aacaccgggt 180
 ccccatcaat cctctcaagc ttccacaaca tccaagaaaa acaacattca aacagcacia 240
 gctatcacag ccaagcaaaa cagagcanag gcagaaaact ctgctcaaca catcaaccaa 300
 aatcacagct tttctcactt atagaccaca gtaacaattc ctttgatcaa ttcgtaaccg 360
 tggatcgact caaatttact gaagctatag tgataaccta 400

<210> 1472
 <211> 391
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1472

tgagatgagg aagtgttgaa gggtgaaact tcctgtcttt attgttgacc acagagtggg 60
 acctggagat atgtcgcggn ggtcaggaga ccttggggac gtcaagtggg gtgctattgc 120
 ccaaaaaccaa gcttgaccaa tcccgaccca acccgggcat agtcgggtcag tgagaacctg 180
 tgatgtacct aagcaggcga gctcctggca gtcaacagat aaaaggaaaa caagaccaca 240
 aagcaaggag gcttgtgggtg gctggccagc tgtgaatatt gtgtaatatg tggatgggtg 300
 cctctggtaa tcgattacca aggggtgggtg atcgattaca aggcttaaaa ttgaggacag 360
 gaggctaaga tggctctctg taatcgatta c 391

<210> 1473
 <211> 85
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1473

gtaaatctaa acatatatga ttntttatat cgattatata aataattgat ataaatatga 60
tattttttat attaataata catat 85

<210> 1474
<211> 462
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1474

ntaatgctag tccttgaagc atatgagggt gccatatcaa atattcacct atcaagcatg 60
attctaaatg cttaattgta tttttaccct aactttttat gccaaaaatt aaaaaaaaaat 120
gaaaatgaaa aaatacaatt aagccctaaa atttagaaaa tatctcttga aacatttaat 180
tgctggaatc tcttcattct gatgattatt agttattata cttggagcat ctttttttag 240
gctacttgaa gcattcttaa ccaatttaaa tatagtcac ccattaaatt aagatgatca 300
tcacagatt tttttgatcg aaattaatca tttagtaaag ttaaagacac tatgcactgt 360
tatgagtaaa aaaacaaatt atagtactaa tatctaaagg aaaagctaata aactactacat 420
aataaaaaat aaccaatata agtcaattta aataaaaaaa tt 462

<210> 1475
<211> 162
<212> DNA
<213> Glycine max

<400> 1475

agcttactca gaggggtacg gtggcccagc actctcgccg attatgagga attggcgaac 60
cgcattgtcg gactcccccc acccttctct ctgagctgct tcgtgtcggg gttgtcgacg 120
gacattggcc gcgagggtcca ggcccaccaa cactgacac tc 162

<210> 1476
<211> 377
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1476

ggactcatgt tatctacaat cacttggttac gttgattctt aagaaagtcc tctaagacaa 60

caccccátat gccatgtctc tcattnggtc ccatgactcc tatctgatgt ccctgcatca 120
ccaataattt aagtgcccaa ctaatgggtc catgcatatc cttatgtcta tataaatatt 180
caaggccgca agcattgagg accaacacaa atcattcaca tcataaagtg tttgaaatta 240
aaattctcaa cacttctctt caaccattct cttctcagat caatacaaca atgggatttc 300
gttacctggc atatataggc attcaaagcg gtgacgcacc taaggctatc ttgcagtcta 360
tgtcggagag aaattga 377

<210> 1477
<211> 288
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1477

ntggctaatt ctgtcatttc aaggggtcaa atgagcttgg aagtcagaac ctctgcactt 60
gaataattgg gctacgagtt tggactttgt tttgtgtaat tagtttagtt aggtatatta 120
gatggaccta atcaaggcat atcacttcct tttgtgtagt cactttatat attagtggaa 180
gtagttagt tagttagtta cttcattttg taaaaaacia aattagttac ttgctgtgca 240
aactttctct tttctctcaa ctattcatta ttcttcttcc ctttttca 288

<210> 1478
<211> 508
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1478

tccgaccacc ttacttatat attctttatt cgtatatanc tgttgtttnn taatannnnn 60
ncccagcgag ttgattgtag cgtgcaagcc cttagancac cgccgctgca actcgcgga 120
acatgtgget gctcttgctt tttcaaaggt cggatactca ccacacacgc gggggcaaaa 180
aacatgcatt acttgacctt gcttggtgca ttaagacgac tcgcacgaac tatagtgagc 240
tctcgagacc atgtttgaag atggagctgc gctgacacca cgcttgaagc cggagttgct 300
gtgatctaga tacagctaga cacagcttat gcttatctta tgtggtaacg tatccggcgt 360
gtactcagat ctgctctaaa accacatacc tttcgtaca ccatatcgac cccaagacg 420

atgaccttct caatgaccgt tagacacaag acttgaatca tagcattcca tgtccttgga 480
cgacaacaca cgacagggat cccggccg 508

<210> 1479
<211> 503
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1479

cttgaggaag cctcttatga agcttctcaa ggaagctaca tgaagctgtc tcggtaaaaa 60
cgctgcccac acttcgttaa ccgttggatc ttctcgaagg ttggtttgca gcttcacaag 120
acacttttcc atgatctgac cattgggatc ttgagaaga tgtctggagt atgcgtgacg 180
tttccgttcc tgagagcatt gctcacctgt gcgttttgag ccttgtagtc caagtagcta 240
aggaaaaacg ccattntctt ctccctcttt cttccaaaac catttaatta atcaattgaa 300
atattgatcc tagggttcgt ccctttcatt nntgttaaaa ccttctatta ttctgcacaa 360
caaggaaaca taaagctttg ggatcgatcg tgcgccccat ttgaggatgg caatggatgt 420
gcaccctttg gtatgtgacc aagtgaact ttncttgatt aaagtcatag agtgatgcc 480
agggctctgtc aatcccactg aat 503

<210> 1480
<211> 168
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1480

agcttcttag tctcagatga tgcagctgag ttgtagcta cctcatgcac tcctctaag 60
actatagcat catttctggc gctaaactgc tgggagttag aagccatctt ctcaatgaaa 120
ttcttggect caacacgagc cnnaccacca agggctccac ctaccggc 168

<210> 1481
<211> 522
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1481

agatgctgct gtancatgca ttagtgacct atagatactc agcttaagaa gaatggcctc 60
 agcaaacttc ttatttcctt aaggaaattc aatcaataga cctccaatct ttaatggaga 120
 gggttaccac tactggaaaa cccgaatgca atattttatt gaggcaatag acttaaatat 180
 tttggaagcc atataaatag ggccttatat acccaccata gtagaaagaa ttagaataga 240
 tgggagcaca acaagtgaaa gcataacaat agaaaaacct agagatagat ggtctgaaga 300
 ggatagaaga cgagtacaat acaatntana agccaaaaaa ataattacat ctgccctgng 360
 aatggatgaa tatttcanng gttcaaaatg taagagtgct aaggaaaatg tggacactct 420
 acaattaaca tatgaaagac aacagatngt aaagatctag gataaacaca ttactcatga 480
 tataactttt angatgatgc aatgaagcat catacatcaa at 522

<210> 1482
 <211> 509
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1482

cggtgaatcg atcagtgcgt gaccgtatat anaagccacg cctgcncctt actcataggg 60
 aagctgtggc ccagtatttc ttttgacttg aagcaacggc taaccgcatt gtcgggctcc 120
 cgcgaggat tcctactaaa ctgtttcgtg tccgggtcga cgtctgacat tcgtcgcgag 180
 gtccatgcc accaccact gacactcgtc caggcggcgg gcctggctcg tctttacgag 240
 gaaaagttcc tcgatggccg caccctctct cgtactcgtt accctcaacc tcatacacat 300
 tcaactctcaa ccgacacaca ctcaattctcg accctacccc atccaccgtg aacctgtttt 360
 ctccatctag atcgctattc gagcatgcgg agtgtgttca gtccctatcc catctatgct 420
 accaccacct cgtgttcgtc tcctttcctg gaagcagtc tctccgaaca atcgtcttgc 480
 agcggtagag ggctaccatc aaggatgatg 509

<210> 1483
 <211> 420
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1483

gctctgacat catnacgaac aagacctagc tgggtgccaga gtaggcgcag atcctttttc 60
ctttcagctg acctaaagcg aatgtatata cccactctt ccgccatata taggaacatg 120
acatgatcaa atctctctgc ctcaaattag aaatatcttt gaacaccaat cgtggatctc 180
tcatttgaga ttatagcact acctcggagc ctatcattcg ctacttgaac attcgctacc 240
aattaaatth gacccccata tatcacagac ctcacagact ctcgacggat aacattcgga 300
agtaagacct atgcctgtgg agaaaaaaca atatgcacta tttaaaggaa gtaagacttg 360
atttcaatca ccatacagcc ttttttaaca atcttcactc agaagtcttt atgaaccccg 420

<210> 1484
<211> 520
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1484

cgcccgttgn atcgatccat ctcagacccg cgatcntaga gtcaccccg cgcattgcaag 60
gcttgctcta cagtcttget ntatgattag ggaattctat ttagcacata acaaacaggt 120
aataaaatth tgccccacca aaaagaggth gcacttgaac tcaacatagt agctacaact 180
aattctgtaa aagttgtatt ctttctttca gctttactgt tcatttcagg tgaatatgga 240
gcagacgtct catgtatgat tccatgcaaa ttataaaact cattaaacaa actagaatca 300
tactttgtgc ctctatcact tcgaagtttc ttaattctct tattgaattg attgtcaatt 360
tctgttacat ataacttaaa catgtcaagc gcttcactnt ttattttcat aagatatata 420
tatgtataat cagagcagtc atcaataaaa gtgataaaat atcgttttcc atttctggca 480
acgttccatc aattcacgat atcagaatgt ataaatgcan 520

<210> 1485
<211> 76
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1485

ntcttgggaag agatgggacc aacagctttt cgtccgcaga attcgcccc atctttcggc 60
aatacatccc gaagat 76

<210> 1486
 <211> 435
 <212> DNA
 <213> Glycine max

<400> 1486

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aacatcttat atgttctatg agttaatgac ggctgtatca ctgcatgggt gtatggtggt 60
aattcattga ttttataatg aattgggttg gttcaagaac gaattggtgt cttgcactct 120
atgggacgat tattgtgtcc aatttctgga atatttggat taacatgaga atgaagggcc 180
tattattgta ttgttgacca atgccagaat taaagaacgc cagggataac tatgatatat 240
agttagttag ttttcatctt cattggatcc aacttatgct ctcatttctg agtgggtcag 300
gatcatattc atgctctggt agcaattctt tgaatgcttc taaatttgct tttactgagc 360
catgttgcta actgatcact tcaatatatg ttttgccctc tattgtacaa ttaaactctgc 420
tctttccctc tggt 435
```

<210> 1487
 <211> 482
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1487

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ctagataatg tgntaatttt aaggatgtgc gaaataaggc actggccatt tagaaagaaa 60
aactgcccc tcgctgttg tctcgtgagg gttatgaata tctagaaaac aagttgatgg 120
aggagaagaa aaagaaacaa ttgtaggaag cagctcaatc cgaaagcact gacaccatca 180
ttgatcctcc accttccatc agacgacacg tgaaatggaa gatgacccgc accaagaaaa 240
ctggtcanaat gacgcctgag gtagcaaagg aaattgctga caagaatgta agtcgctttc 300
gtttgtcaat tgttggnat tataattatt ggttgatcga gtaaccaata aatttgcttg 360
tacatgattg ctagaggagg aggcctcaca cggaagcttg gtgctatgga catcatgatg 420
actgactggt gcattggcaa ccaaacactt ggttggccgt gctgtggact ggagtccact 480
ac 482
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<210> 1488

<211> 517
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1488

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 gctagcttct gcctcaatat tctatagcta aggggtataa tagagtgaat actggctgct 120
 ccccttaagc acttgtctct ctctgcgatt tgctcgcaca catcgcttcc gtgaagatga 180
 tactcactcg ggcgcttccg aaacgatgac gttacgtttt gtgacgaatt tctcgaaggt 240
 gtcgaccgct cttcgacgat cttcattcga tcatcagtcg ttcacgcagc ttcggcagga 300
 gaatacctcg caccaagctt tgaatgcact ctatgaacgc gtggtgcggc acatcgtgtg 360
 tctagtatta tattctcaac gcatttctat caatgcctct ttaggcgtgc atatgccatt 420
 gatacttaca ttctcgtgt aacctactag tgaatgaatt acaccgatcc gttgagggta 480
 tactccgcat cttcggaat atgtatactg accgtcn 517

<210> 1489
 <211> 521
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1489

atgtgtatca tgcattacgg acctataaaa ctcagcttgg accatagcag ctcacaatct 60
 aggagtctcg tctctatct ctatggatat tcaacgttct agaagtgaat atgataatgg 120
 agcaattttg gagcatactc tcatctcaca caaaactatg acattaatct atactcgctc 180
 aaactggata tacgacgaat actctagcca atcanaattt gactactcta cacccaattt 240
 accctaaaaa tggatcttgc catcactctg gtgactcatt tgctctcttc gcacagacca 300
 agctctccca caatcctaaa tgacattgca aactacgatt aactcactct aacctcctgt 360
 ctcaacatgc cttcgcggg ctagcgaggg cgaggatcac tcgtgctctt gccataagaa 420
 gaaagatgca tggagtcgtc acaacgttga tttgcgaaaa cgtcggcaaa ccgactgaac 480
 tgggtcaaag aaattctagc tcggagttgt ttacgctgag a 521

<210> 1490

<211> 257
 <212> DNA
 <213> Glycine max

<400> 1490

ctgagagttt gcagggcttc tggcacttcc atttaaaccg tagcagccat tgatgacgac 60
 ttctcttgca cttacaaagg ttccgggctt gtcctacagc tgctagcctc ttcgttgaca 120
 actctgcaat gggatcatc tggatataga cccattagca cttagtgaga aataaacact 180
 atcattatca tcatcagga aatagaatct atcacacata cccttcgagc ttcattctaaa 240
 aatggagctg actccct 257

<210> 1491
 <211> 191
 <212> DNA
 <213> Glycine max

<400> 1491

tccaagtata atttggattt cattttcaac attagcacat attttaacaa aatgaaaaga 60
 gtaagagtgt gtgacactac atgttcggag caaaaacaat aagtgtcggg aacaagaaat 120
 gaagagcgag tgggtttcaa ttaccgatgc ttgtaaatga ataagaagac tcgggttcga 180
 ggatgcctac c 191

<210> 1492
 <211> 517
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1492

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 cttgagtcga gatcggcaac tcacaaacga tggttatggc tcttgcatth ggatgatatt 120
 taccggaccg acatatgact caagtatccc tgccatgaat ttgagaatca atctgctggt 180
 ggtgagaggg gcatcaacat cggcgagttg atcacgccac aactttgtgt gaatacaata 240
 gctatcaata gacgaaaaat ttcgcaagtt tctcttcaag atgagtagcc caaaaagcct 300
 tgatgtcctg aaacatagat tcgagaccag cccactcccc ttgagccgtg tcgtctatga 360
 gcaacatagc atgaacgaga tcggtggata tagtcccgtg tatccattcg agcaccgcgg 420

catcgagacg ctccatagag catggtctga gactntggat gcngcatacg tggctacctt 480
 ctgtgccttc gtaagcctgt gctacgtang agagatg 517

<210> 1493
 <211> 523
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1493

ctgctgtgac ccatgcatta cggaccttag atactcagct agaataataca taacactntt 60
 tgcccatcca tgaagtcctt cttaattatc atgctatcat ggaacttctt ggtcttttct 120
 ttgtagaact tgccattctc gtaggcttct atgcggatct catctaactc actcagttgc 180
 aactttcttt cctcaccagc ttgatccata gagaagttgc aggtcttcat tgcccagtat 240
 gctatgtgct caatcttcac tggaagatga catgcctttt caaagacaac ccaataagga 300
 gacattccta tgggtgcttt gtaggcagtc ctatgtgccc aaagagcatc atctagcctg 360
 gtactccaat ctttcctgct tggettgaaca atcttctctg aaattctctt gatcgtcctg 420
 ttagaaactt ctgcctcgac atttggttcg atggtggtat ggtgtggata ccctgtggac 480
 accccatact tntaancaag gcatcatttg atttgtgcaa aat 523

<210> 1494
 <211> 442
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1494

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 acgcctgagt aaaatttcac aacgcgtgct aagctcagcc tgctgcgcta agcgccaat 120
 caaattttca attttatatt tatgattttg gagaaaataa cctgtgctaa tctcttgtgg 180
 tttgtcttat attctgcaaa tggcatctaa gaaaaggaag gctccttcta cacctaccca 240
 ggccagatat gacagatcca ggttcatatc tcaagaagct tgggagagat atacagatat 300
 tgtggtgcct aagaaactac tatcgagagag gaatgtagta gtttacttca ctgagttnga 360
 cgagttcaag gaggaactcg agagaagaca ctacgatgag aagntaactg attntgtaca 420

caaaaatata gacatttgta tn

442

<210> 1495
<211> 460
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1495

ttaaaacgga agaaataaca ccgtattgaa cgatatgtat acgaaagcta agaaacacga 60
aaggaattaa aagtctcgga ttcgaaaact tacctgttga agaacgaaga acgaacgaag 120
aacgaatgaa gaacgacgaa caaccttcac ggattcgctc acagaaacat ctcggaacg 180
ttacggaagc acctcggcctt ggattttctt cacggaaaca attcttttca cccaaaatag 240
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ggcggaggag gttgtcgtcc agctcgccca tgcgagctgc attgnttctc tataccaacc 360
ctgtccaaa tactctaaag gccaaagtcag atttgaaatt ttattgcttc ccatttgtaa 420
gtcaccactc tttcgaataa cgaaagacgg agctttcgag 460

<210> 1496
<211> 510
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1496

cggcctttcc tgtgtcctga gctcggacct tgagtctgaa cggcgcgatc ttctgtccat 60
tgaaagcgat gaactttttt tcatgggggtg acacatttgc tatccctggc ctgtaaataca 120
taaatattat attccgcagg catatgtggt cttaaagcgt atatcgtgtc gatgcatgtc 180
ctctattcac attttacctg tcttaaatct cgcttgccct cgtgagaatc tcagttagtt 240
tgagagcgca agatactgtc gcataataac ggaataatta caatctgact gcattcaaata 300
gcgatacata acgaaaggta atgtcattgt ggaacgctat ctcgctcagc acaatgaacg 360
acctatagca tccgtaacag ggcattctcc tattaaagta tctatgactg atgctgggtcc 420
ccgctctaata gcggaaggac ttattctaac gggactaaat ttctattgtc ccatcgctggg 480
gaancaaatt ccgggtgcta aagtccaacg 510

<210> 1497
 <211> 260
 <212> DNA
 <213> Glycine max

<400> 1497

aagatctttg gatgccgtca gaaatattat gactatgagt gtgagtattt ggtacttgtg 60
 aattcattac tcttctatgt agaaatttat tgatttacac cccttgcaaa ctcagcattt 120
 gttacacaaa gcttaaaatt cagagagaac gcaccttgtc ctatgtatta ttaaattcgc 180
 ttcacaaccc cttgctaact cagcacgctg caagccataa tgcattcatg tgatatattg 240
 ccgtgcgaca acaacaacat 260

<210> 1498
 <211> 468
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1498

tggtcaaatt tcggtttacc aattatacat tatgaaaact catttattga ccattataaa 60
 tatagtacaa gtttatctag caataacttc aaaagctoca tttaaacaat tatatggaca 120
 acaaaaacaca aaacgaacaa gctgtaacac aatcataatt gctatttgtt aatcacactt 180
 aaacaaaaga atagctaggc aaactaaaat caccaacaat cacggacaac taacacctac 240
 catttggtaa acaataaata atcttgcatt ttatttcaat aaataaacac ttaaaattgt 300
 ttcctgaatt tgaataaata aattcactaa ggtaatgttg tcatatctat atcgggtcatc 360
 gactcgatta agatactaag ttactaaatc atgcatcaac ccaatgaatc actaattgac 420
 tcccatgatt caacctatat tanaaaattc taaataattt cataacct 468

<210> 1499
 <211> 374
 <212> DNA
 <213> Glycine max

<400> 1499

tggccccaca tagagaatgg ccaaggtgta tccatgacgt tcaaaggat ggtggagcat 60

taacattatc agtgaaggcc tgacacttat ggcatttcct cacatggatg caacaattgc 120
tctccatagt gagctagtaa taccagttc tcagaatttt ctaggccatg gcatgtccat 180
tggtatgctg tccaaaggat cctttatgca cctctactag aatttgctca gcccttttag 240
catccataca ccgaagtagt accatgtcat gggtattctt gtataggata ttcccactca 300
ggaagaagtc ggtcgccaac cttcacaaca ttcttttata gttgtcagag gcctcccgtg 360
ggcattcctt gtct 374

<210> 1500
<211> 380
<212> DNA
<213> Glycine max

<400> 1500

ttaactcgga ggtccgattc aagcgcataa tatatcgaga cgctcgaaat taaccaacgg 60
aagctctcga gaaattcaaa tggtcataac ttttaactcg gaggtccgat tcatgcgcat 120
aatatatcga gacgctcgaa attgaacaac ggaagctctc gagaaattca aatggtcata 180
acttttcaca cggaggctcg attcaggcgc ataatatatc gagaccctct aaatttaaca 240
acggaagctc tcgagaaata ccaatgggtca taacttttca ctgggatgtc cgattcaggc 300
gcatcataca ttgagacgct ccagattgaa caacggaagc tcttcagaaa ttcagatggg 360
cataactttt cactcggatg 380

<210> 1501
<211> 366
<212> DNA
<213> Glycine max

<400> 1501

catggagtca agtttaagta tggaagtaac catcttgcaa atattggggc aaaagatgga 60
tcgtgttaca tcgttgcttc gtctactgcc aaacacattt agggccgtcg atgtccctgt 120
tacttcaggt ttcaccttga cgaagatgtc atggaccatg ttgaaaatct aaattgattc 180
aaccocatat cctgcgtaaa aattcgcaat acttcagctg tgcatcattc gcatacatcc 240
atgttggttca ttggttgcatt tgctcattgc attctttcct tataaaaaaa aagaacttaa 300
tcattgttat aaaaaaaaaa catgatttac ggtgccctca tcgaacctgt gctagagcta 360

gagtaa

366

<210> 1502

<211> 164

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1502

gogtctgtat atgtgatgcg cctgaatcgg acatccgagt gaaaagttat gaccatttga 60

atttctcgag agctttcgat gtttaattnt gagcgtctct atataatata agcctgaatc 120

tgacatcagt gtgaaaactt atgaccatan taacttctgg agag 164

<210> 1503

<211> 401

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1503

gtggtaatca gagcacaaga gttcaagta ggtgctcctt anacctccat taattgtttt 60

tctttacctt ctcttccatt gttgtttctt catttttctc catgtatctc ctccatgtc 120

ttgttctaaa tgttggttaac atgattcttt agagtttcca ccgattaaac ttgttataga 180

agttagattt gattttctat ggttcaaatt tcttgttctt gttcttgaac catgaattgt 240

gttgagttta gggtcccttg agttttgtct tgttattttt tgtggctgaa acctaaacca 300

taaaattctt acaaaaatat taaagtagaa gaaaacctca taaatctaga gtgactttgt 360

cacctattgt agttttgtca tagaagtcac gtctagtcac g 401

<210> 1504

<211> 436

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1504

actaagctng tttattctga tatgaagcaa cgtatttaaa atcatggatt agatagtaac 60

tgctaacaaa aagataacac cactaacaga tcatgactag agaataggat caaaactgct 120

ttatcctatc agtcaacatg acttttatct ttcttaaaaa atagcaaaag aatcttatct 180

actatagttt gttagacagt ttcaacagtc acatcttaac aattcaaaac aaaattgtga 240
 taaactcatc ccttacatct aagtgaactcc catgtgtagt ccaacagtag tagtggcatc 300
 tctagttggt tcttaagttt cctcaaaactt ttgctttggt tgttctgcta nggttttcaa 360
 gcattaaaga gtagcagaag ggatttgagc ctccatttct ctatctctat ngcgagggac 420
 gttctctctc cacata 436

<210> 1505
 <211> 216
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1505

taaagggatg cccacatta tttccacgac acanatgcan aaatgatgat ttgtgaaatt 60
 tatgcaaaac tggatcatgca tgcacctatg tggacgctca agtgtcaaaa ttttatggtc 120
 atgtgatgct agggctcang attcatttcc tctattttaa atcaacccaa tgtttccaaa 180
 atatgttctt ttattcaatt gtgcattcat ccgagt 216

<210> 1506
 <211> 452
 <212> DNA
 <213> Glycine max

<400> 1506

tcaagaaaaa gatggcctca gcaaattcct tatttccaga atggaattct atcaatagac 60
 ctccaatctt taatggagag ggttaccact actggaaaac ccgaatgcaa atttttatcg 120
 aggcaataga tctaaatc tgggaagcca ttgaaatagg gccttatata ccaccacag 180
 tagaaagagt ttcaatagat ggtagtcat caagtgaaag cataaccata gaaaaaccta 240
 gagatagatg gtctgaagag gatagaaaac gagtacaata caacctataa gccaaaaaca 300
 taataacatc tgccctagga atggatgaat atttcagagt ttcaaattgc aagagtgcta 360
 aggaaatgtg ggacactctt cgattaacac atgaaggaac tacagatggt aaaagatcta 420
 ggataaatgc actaactcat gagtatgaat ta 452

<210> 1507

<211> 323
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1507

tgattctggt attttaagag agaaatttct ttttgttgat gcagaccagc agaatcccaa 60
 gatgtcgaag aacttgaaaa gagattggct tctcttctaa gaatttaaatt ctctgctaca 120
 gcctgtaccc atatatatgt ttcttaattgt acaaattcatt atatatatca atggagagat 180
 tgtactattg gcacctcttt taattaccaa ttttatgctg tgatgtgtgt ttggatataa 240
 agaactagta aaaatagttt tagactggaa tatatatattac tatcccacac atttattata 300
 tatactatat agcaatggag aga 323

<210> 1508
 <211> 262
 <212> DNA
 <213> Glycine max

<400> 1508

catcacccta ttatcaacag tgtatgtagg gttttcttcg acccaggaca atgtgggttc 60
 tgtgggggttc cagcgacgac aatatgggtt ttccggcact gtaggggggtt ctgtgggttc 120
 caaagaggac aacgtggata ctccggcagt gtaggggggtt ctgtgggttc aactgacgac 180
 aatgtgggtg tcgagggagc ggcttccgac agatttcattg cgggaggata tagaggagcg 240
 atttcatgca ggaggatgac aa 262

<210> 1509
 <211> 441
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1509

cagcattcaa tgtcgagcat ctctatatgt cacgggactt gatcagacat ccgagttata 60
 agttattgtc gttcgaattt gctcaaagca tcaacactca attatgagcg tctagatatg 120
 tgacaggact caatcagaca tcctagtaac aagttcattg cgattcgaat tggnacacag 180
 cttcatcatc tcatttttaa catcgtaata taatacagga ctaaattcaaa catcctagta 240

gaaagttata tgctgtanga ctatgctcag agcatcgtac attcgattac gagcgtatca 300
 atatatgaca gggactcact aatacatccg actaaataga tattgtcgtt tgatgtgggtg 360
 tgagctttctc atttaatatc agcatctcta tgtactgtan cattcgacat cgattaaagc 420
 tttgtcgtga tttgtacagc g 441

<210> 1510
 <211> 333
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1510

ctaagcttat ccaggggaga cggaccatct caagtgctng aaagaatcaa tgacaatgct 60
 taaaaagttg agctgcccgg tgagtataat gttagttcca ccttcaatgt ctctgattta 120
 tctctttttg atgcagatgg agaatccgat ttgaggacaa atccttctca agagggagag 180
 aatgatgagg acatgaccaa gagcaagggc aaggatccac ttgaaggact tggaggacct 240
 atgacaaggg ctagagcaag gaaagccaat gaagctcttc aacaagtgtc gtccatacta 300
 tttgaataca agcccaagtt tcaaggagaa aag 333

<210> 1511
 <211> 289
 <212> DNA
 <213> Glycine max
 <400> 1511

tcagccccct taggcacttc tctctctctc tctcgaata gatgaggaaa attagttccg 60
 tgaagaaaat tcaagccgag gcgcttccgt aacatttccg taacgtttcc gtgagtaatt 120
 actcgaagat cctcgaccgt tcttcaagat tcatcgtttg ttcttcgttt tcttcagtct 180
 tcaacgggta agtacctcaa accaagcttt tcatttcatt ctatgtaccc cgggtgggtcc 240
 acattgtgtt tcatgtattt atattctcgt tatcatttac tttttatac 289

<210> 1512
 <211> 175
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations

<400> 1512

tattcanatc attctcatc attcatttca tgcanaacaa tccactgcat atcatttttca 60
atcaattcac tattcaaaca cgctttatgt acaagcaaac aactcanagt gcttgaaatt 120
aaataactga aattaaaata actgaaatat gacaacgaaa tcagctggaa atata 175

<210> 1513

<211> 418

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1513

gctaactcat ccaacatggc aagttcaaca tgctttcaac ttattttcttc acaaataacc 60
atcatgaagc agaaacctag caaaactacc catcatatct cccaaaaccc catacccacg 120
aaaatcaaga gagaaagaag tccacccaaa cctgaaattt ctaggtccca cacgtagaga 180
tgcgcttcac gactccgaaa atgccctcct ttgcgattt ggagcagaaa tgatggccaa 240
aggttggagc tttgttggag cttcaatggt ggaggaagaa gaaggagaat agcaacgtga 300
gggagagggg gagagcttct gaaaatgtgg ggctgagtga ggagagagag agttgctttt 360
tagttctaaa aaggctnttt cctcttttat tattatttta tttaagctat gccacatg 418

<210> 1514

<211> 441

<212> DNA

<213> Glycine max

<400> 1514

gtggtaagca acgcttatgt cgagtctccc cagtgcaccc ccgctcatct agtgttgcat 60
tgacggtagc ccatgtaatg ttggggcatg ggtagagacc cagaaggggt ttaggtcgga 120
gcgacaatga tgtggcgagc ttggtggagt tcaaagagaa ccgtggaagg ttcgggctag 180
gatataagcc tacacgcgtc aacgtaagga gaagtgccct agaaagaagg ggccgaagca 240
tgggccaaca gcaaggaccg caagtggaag agactccctt atatcacatc aatgaaagct 300
tcatcagcac aggctggatg cgtgaagggc ggatcgccat gatcaacgat gaagtccctc 360
aagagcaatc aaactgggtg cggccatgcc cttctgacgt cggggttggga aactagaaaa 420
ttatcgaaca acccgaaatt t 441

<210> 1515
 <211> 374
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1515

ctcagcttga cataaagtta agacaaagag ganatcttgt tacctaattg tacactatta 60
 gagatctctt gtagatgttg atatttctac aacacaatga gttggagaaa cttcactcac 120
 ttgataattg tcacacatat atgaaaaaat tgaactatcc tcaacaataa aagtgaaaaa 180
 gagaaagata actatggaga gtatgtaaca gtaaaatgaa taaattactt gggctaatag 240
 gaatgatcta aaaaactggt cattatctgt tccaattaag ttaactgtga aaatggtgct 300
 aattntgaaa gaaaaatgag caagcaaaca aaaagaaaga agaaaaaatg cttaactgac 360
 ctctgaaaag cttt 374

<210> 1516
 <211> 181
 <212> DNA
 <213> Glycine max

<400> 1516

gctgaatata gcacaaacca acaaataacg tatggagctg gaacgtgatc ttcctccctc 60
 tcctgcaaac agatgccttt ttcagcactt taaagagaac agtagggaca acatgaacaa 120
 ggcataatac gacatcttag gaatcatcgg ggatagtaat caaagagggc cgggtatcct 180
 c 181

<210> 1517
 <211> 322
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1517

caatacctca gtttttctca ccaagtaaaa atggaccatt ntaaggcca acgccttata 60
 aggaccacct tccaaataaa aagaatcggt tgattcacc ctttgaaaga actacgtagg 120
 tctgatttcc tcttcgatgg agggtagcta ggagcaaggg ccccgctttt gtcgacctca 180

aaaataaaaa agaaataaaa gtttagatac gcaatttcac acaattctaa ttttaaggctg 240
 ttgtcctttg ggacaaatgt gagagggtgct aataccttcc tcatacgtaa atacaactcc 300
 cgaatctaga atattcttca tg 322

<210> 1518
 <211> 199
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1518

atgtctcatg tataggtatc aattcaatcg atataaaana tctttgttaa ccacagtaaa 60
 caattaggta ctggatcatat attaaaaatt gaggttgtaa tcttaaccat caatttttat 120
 tataatctaa tgattaanat caattcttct catttttagat ntattctcat ttgaaacatc 180
 tcctatatat gttatgtgt 199

<210> 1519
 <211> 438
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1519

tatttggcta ttttagaagt tagaagagat cctacgaagt tgcaatagac ttttaatcta 60
 tcgggctctg atggatttga ctctatggag ggtcaaagat tttcgggagg tatcattatt 120
 gcttggaataa agaataatgt taaccttgga agttgctcag acgcattttc aattcttgca 180
 tgtaagatt atcttgcaag gaggtggtat tttgaggttt actcctctct acactagtcc 240
 taatgagggga aacattctct aatatggagt gcgcttcttg atatagtac ttccatgaat 300
 gatagttgga tgattggagg tgacttcaat gatatagtgt gtaatgctaa gaagaaagga 360
 ggagcattag tggttcttac gaaatgtcag atatttagag acagaatcaa cagagccaag 420
 cttattgacc tanactct 438

<210> 1520
 <211> 300
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1520

gcttcttgaa naacttcctt gagaagctng agcttatcta catcacaccc ctctcataac 60
 taagctcacc tccttgagaa gcttccttaa gaagattcct aaagaagcta gagcttagct 120
 acacatacct ttctaatagc taagctcacc tccttgagat gagaagctag aacttagcta 180
 cacaccccct ataatagcta agctcacccn catgacaaaa accatgataa tacaaaaaaa 240
 ggtecttact acaaagacta ctcataatgc cccgaaatac aaggctaana ccctatacta 300

<210> 1521
 <211> 225
 <212> DNA
 <213> Glycine max

<400> 1521

aggaaaaagg agaagggaaa tttccaatcc aagaggaagc caaaaaaggg agagaaggaa 60
 aatttccaat caaaggaaaa aagagaggaa aggaaattcc caatcacaga gtgtgagaaa 120
 gtaaaaaagg aagagagaaa aggaaagaga gtcctgatc aacgatcgaa agaaaacaga 180
 agatatatgc agaaaggtct ttggaccaca ccatatctga acata 225

<210> 1522
 <211> 441
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1522

tgcttctata gatggtaggg accaagcaag gaaatattca catccttcaa gggccacta 60
 tgacaggatc aactatttca caatatgaga gccatgcgtc caatgggtca tccaatgata 120
 attctctatg gcatctgtgt ctgggcccat aagtgaaaac ataataaaag ttttgagcaa 180
 gcgaggctta cttggaaaac ataaggttga acctcttcag tttgtgagc attatgtcta 240
 agggaagtaa cataggacaa aatttctaaa ggttggtcac actacaaagg gcattttgga 300
 ctatgntcca tttgactact ggggggactt tgagagttcc atcactgaga ggggaaaggt 360
 atttctctn catcatcaat gnatactcca caatgacatg ggtattcatg atgaagtaga 420
 aatctgaagc ttaccaattt t 441

<210> 1523
 <211> 389
 <212> DNA
 <213> Glycine max

<400> 1523

tgacattgcg ggttgattgt agccttagtt tcaactgtagt tattagtcaa ttcaattatg 60
 agagagaaat cccatagaga aacgtccgat tgattttttt tgcgtttatt ttactaaaag 120
 ggtatttttt gattattata ttattttttt acctcttttt tgattttcaa cgtgggttact 180
 gcacgaccga gcggtcagat gtcattgtaa ctgacattaa cggatattgc aaatcaaagt 240
 atcgggtgaag atttagttta ttttttttatt acgcgagaaa ttacttaaata aaatgactgt 300
 ggcacgttga attgtggtcc ggcaagttaa tgattctaga atatatgtac acaagacaaa 360
 tgggtgaccag cacgggtaca tagaatgaa 389

<210> 1524
 <211> 413
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1524

aaattttacaa tatatcatgc atcaaattcta tgctttttata aatttttctg cttcatctca 60
 taagaaaata ttcatgttat attagataaa ataacatatt caataaatta gttaagtctc 120
 atgttcattc tcttaagtta agcgttaaatt cttctttgct ttttttggtt atattaaaaa 180
 aaattgctga caaaaaaagt ataaattctc ctacttgatt caataaaaaa tgttcatgcc 240
 aagaatttga tttaaaaatt tatttttttag gttaaaaata taaaattgta ataaaaaagt 300
 tctttaaatg ccaaaactat tcaaataatt aatgtaaagc tttttgcca agtttgtaag 360
 ataattggaac attntacaat anatcatgta ttatatgggtt ttttttagtt aca 413

<210> 1525
 <211> 219
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1525

acccaccatc cactgttgcc cacctccatc tgagctcacg tactcccacg tagcccatat 60
 ccttgtttct ctcaacaccg ggtccacatc aatcctccca agcttccaca acatccaagc 120
 anaacaacat tcataccgca caagctatca cagccaagca aaacagagca tatgcngaaa 180
 aactctgcan aacaccaacc aaatcacaac tnttctcac 219

<210> 1526
 <211> 402
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1526

caataatcat atttccttat gttttccaga gaattaattn tgaatacaag gctcatttaa 60
 tttgatgttc tcctataatt nttatttccc gtttcatagc cttgtagtca ttgttaaaat 120
 ggaattatga gaaaattaag tgcaacatcc aactagaaca taatgcatgc ctcccatcat 180
 catgtttgta tgaaagcaac aaatgaagtg gcaaaaacaa taatgttcca atcctttctg 240
 ttaacagtaa atatatgaat acattcacat ccnctacaaa tgattttatc aagaattccc 300
 ggttggaacta ctgagacagc atgctcatta aactttctcat caagcctgta ctntgtcact 360
 tgcaatatga gaaacacgtt cagagtcatt cttcttcttt at 402

<210> 1527
 <211> 445
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1527

ggggtgttaca tgataaaaaa atgtattgtg actcattttg cattatatac tatntatgat 60
 aacttttatt gggtatgggt caaagatcat gtgtgtctct cgatcaactc gatcaaatat 120
 taatcttggt tatgacatgt gactgtaatt gaaccaaaaa aattaaataa aaattatttc 180
 actaaataaa ttgttctcca aatataaaca agtgatgcct tacaccttgc gtcaatcata 240
 tgaattaaga tataatgttt atgatacttc tagcaatgta ccaaagtgtc cttattctc 300
 ttgtcctttg agctattctt aaattctttn taattatgta ttcataattaa ttntaaactt 360
 tttcatcttt tgatatataa ttgaaatct atactgatta atggactata tatatatata 420

tatatatata tataanttta acttc

445

<210> 1528

<211> 394

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1528

taagacaact tgttgtaatc aattacaatg aggcgtgaat ctataaaaac aaagagtttt 60

tgcctttgaa ttaatttttc taacttagaa aattttctca aaataaacca tgatgatgca 120

tgatgaaata cagatatcaa atgtactaag atgcaccaac caagataaca accaatacaa 180

atgccactca agaaagttgg gcatgtaaaa gccaaccaaa acttcttcag aacttcttcg 240

agcttttctt tgagcttcaa gctttagcct ttgggtagtt caccatgttg ctcatgttgc 300

atggtcggca agtgtaccgg atcgcacaa tagtataaaa cagtaagaac cgagtatcga 360

actctcgng aacttgtgtt atctggcaag ctat 394

<210> 1529

<211> 454

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1529

tgtgtaaccc accatctttt catagtatat tactgttnat gtgtctacca tcacgattat 60

catctccctt tccatcattg ggagtgccac ttgggctgcc agatccctcc acctttgggt 120

gtattctttg aaagattcgt gccccttttt gcacatattt tgtagttgca tcgtagaatg 180

gactcgagaa ccattaggtc cttccaagaa tgactcggg aaggttccaa gttagtgtac 240

caagtatgag ctacccagc aagactttct tagaagaaat gtatcaacaa ttctcatct 300

tttgggtatg ccccatctt cgcacaatac atcttttagat ggttcttggg gcaagtagtc 360

cctttgtact tgtcaaagtc cagcgccttg aactcgggaa tgaccacgtt cgggtactat 420

gaacaactct tctatgtcag taaaggcata atct 454

<210> 1530

<211> 194

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1530

actaactgac ganaagagaa taacatactt ttcttggtat aattcaagag tcgatatgaa 60
agcatcttan aattcanatt ataaccagaa atgaatgtga tttacaata tacacaacca 120
attcttgntg aaacagaatg cttaatagaa aatgaatatt gtctacacgg agtccatctt 180
aatcatacta tgag 194

<210> 1531
<211> 398
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1531

agcagcaaga ggtcttgcaa agattcatgc ttagtacagt gcagccaaag tgcctcacgg 60
gaatgtgaaa tcctccaacg tgcttctaga caagaacggg gttgcatgca tctccgattn 120
tgggttatca ctctattaa acccggttca cgccattgcc cgattgggag ggtacagggc 180
cccggagcaa gaacagaaca agaggctatc tcagcaggct gatgtgtata gtttcggagt 240
attgttggtta gaagtttctc caggaagagc tccttcatcg cagtaccctt caccggctcg 300
tccccgaatg gaggtagagc cggaacaggc tgcggtggac cttcccaaatt gggttcgctc 360
ggtggtgaga gaagagtgga ctgcagaggt ttttgatc 398

<210> 1532
<211> 154
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1532

atgggaagaa gacaatntat acacggcacc gtaggtgttt aanacattat caccctatc 60
gatgattgaa gaaagcattt aatggtagcc aagagactaa agaaccacca gaaccgtag 120
ctccccatga agtgtatgat cgggtgaaag acat 154

<210> 1533

<211> 394
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1533

ngaagagaga caacaatggt ggtgaagaaa atgaataaga tacgtggagg aagaaagaga 60
 gagctgtgct agaagtttct agagaaagag agagaagatt tggttttta aatgggtttt 120
 cttttctttt tcatttttct tttaaaagca attccacatg tcatttttta aattggagca 180
 aaaagggccc acctttacct ttgacttgac cacatactca gctataaaag aagaaaaaaa 240
 tcggaccttt ttggatgctg aaatcctgct tcggtttgcg tgccgtctct cccgttccaa 300
 ttcttcgctg atgtttgcac ccgtcggngc ccgttttcaa agataggaaa tatatatata 360
 tatatcataa cgcttagaat gagaccctga gcgt 394

<210> 1534
 <211> 331
 <212> DNA
 <213> Glycine max

<400> 1534

tggccaaatg caacacaatt tgttttcctt taatccatat ctacttatga tcaatcataa 60
 gagcattggt tagggacctc atccaatgaa agtattcaaa ctttcggatt gatgaaacga 120
 gctttcttga ctttgtatgg aaggcataca aatcctacaa tgttcaagga tgaggtgctt 180
 atgtggtcaa agagagactc atgctcctaa aaaaaatcat caatacgtgg agtgtggaca 240
 aagtggggag tcatcaaaca caagtcgaca agatgagggc caatataact tctttggatg 300
 ttggaagaat ctcatatgag aaggcgtgtg a 331

<210> 1535
 <211> 338
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1535

tgttcgcaca tcgtccgctg ctatgatatc cacttgacat ggtttgaact agaggagacc 60
 ttcaatccta aaacgcaacg tggcggacaa aagtgggtag ttaacttgaa tgaccattat 120

tgtcaatgcg gaaagtattc tgctattcac tatccatgtc cacacattat tgctgcttgt 180
 ggttacgtga gcatgaatta cttccaatat gtagatgttg tttacacaaa tgagcacatc 240
 ttataagctt atttcgcgca atggtggcct cttgngaattg aagcggctat tcctcctttt 300
 gatgatccat ggacacttat ccctgatcca agtataat 338

<210> 1536
 <211> 334
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1536

aaaatttaca atatatcatg catcaaatct atgctttttat aaattttcct gcttcatctc 60
 ataagaaaat attcatgtta tattagataa aataacatat tcaataaatt agttaagtct 120
 catgttcatt ctcctaagtt aagcgtaaat tcttctttgc tttttttggt tatattaaaa 180
 aaaattgctg acaaaaaaag tataaattct cctacttgat tcaataaaaa atgttcatgc 240
 caagaatttg atttaaaaat ttatntttta ggtaaaaaat ataaaactgt aataaaaaag 300
 ttnttttaaat gccaaaacta ttcaaataat taat 334

<210> 1537
 <211> 439
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1537

tttcaacatt tgagatctca natggaatat ganaatggag ttgttagtgg gagaggaagc 60
 angtgagggc ggtggcgggc gtgggtgtgg atgcgttcag aaatgggaaa ttgggtgtga 120
 gtgtgtgaag gatgagagag ctgtgccgcg agagagattg ggagagcatg caaaaattga 180
 gggaattgaa agcgtaaatg aaaaaggttt tcaaagacaa tttttcaccg tccttgaaaa 240
 cttactttta aagacgattt ttgaaaatca tcttttanaa ctttctttca nagacaattt 300
 ttgcaaaaac ggcttacaaa aattgaactt aatttcaaaa atgtcactgc ttatntttta 360
 cattcgattt tttgaanact gacttggatt aatgatgtta aacatgattt ttactagtga 420
 gggagcactt tcatgacaa 439

<210> 1538
 <211> 183
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1538

aatgaagagg gtgagaatga aggagaaacc catgctgcga ctatcgttcc tacatggcca 60
 agtttccac caatccaaca atgtcattac tcagccaata acaaccattc tccttatcca 120
 ccaccagnt atccacaaag tccatcccta aatcaacaac aaaaccacc taccacacaa 180
 cca 183

<210> 1539
 <211> 306
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1539

gagagngggg agcacganna tgaaggaata aaagagggag agaagtggaa ctttgaagta 60
 tgtctcagaa gactctcatt catcaaagtt acaacaagtg ttacacatgc ttctatttat 120
 agactaggta gcttccttga gaagctttct tgagaaaatg atgcatcttg agtacagagg 180
 agaaaactct tagcggatga tggatcgctt agcactgcta tggccgaaag gaattgggct 240
 tagctggcat gagtttcgct ttgctcaatg aaaccaatt ctaaccgcat ggaaatgagc 300
 ttagcc 306

<210> 1540
 <211> 104
 <212> DNA
 <213> Glycine max

<400> 1540

accattgaag gacccattg aagctcaacg atacagctc catagaagcc ccacaagcaa 60
 gcttacatca agtggatatca gagcacaaga gcttcttg tgca 104

<210> 1541
 <211> 345
 <212> DNA

<213> Glycine max

<400> 1541

gagtagtgct ccactggtaa aactaacttt ccaaattttt gccttcgcag gaaatggccc 60
cgaggaagct tgcctcaaag aggtccagga aggacaaggc agccgaagga actagttccg 120
ctccggagta tgacagtcac cgcttttagga gcgctgtaca ccagcagcgc ttcgaggcca 180
tcaagggatg gtcgtttctc cgggagcgac gcgtccagct cagggacgac gagtatactg 240
atttccagga ggaaatagct ctacggagtt ttaaaagact ggctaagaat ttggtaaaac 300
ataagcactt agacaatgaa ggaaagctgg agttgctgac atgat 345

<210> 1542

<211> 233

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1542

attcaatttg ggcaaaattg gatgagggaa agtgtgattt cgaaaatttg cactttatgc 60
agaattttgc tgtcaaatag gtgcagcaga attatggctt tgtgcagaaa gtgttgtgta 120
tttgctggct gtggaaagag tagtacagat tgggttctgg atgttntcta gcagatccca 180
acggtcataa tgtagatnta tgtgctagag acttcccagt aaaattttga gtc 233

<210> 1543

<211> 304

<212> DNA

<213> Glycine max

<400> 1543

atctaggctc ttatatggat ggagctcaac cttgtctctc acttacatat taagttcact 60
aaggaacctt gcaataactg ttctttcctc cttcctaagt ccagctctca aaatgagtag 120
ttccatttgt tgcctatact cttcaacact cacactccct tgtctaagcc tttggagctt 180
gtccataagc tccctttcag agtaggaggg gatgtgcctc ttcctaaggg cactattcaa 240
gacaatccta tacctactag aggatcccca tgaatccttc tttccctagt gatgcaatcc 300
tacc 304

<210> 1544
 <211> 344
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1544

ctcagcttag gtttgtgctg atgcatatat catggatcat ctaatatgta tcactgtact 60
 tggagngaga ctgtataata tgccagaata aaacgttgct ttgaatctta acccaatgat 120
 atttactttt ctactgcac atcaaaactg gtatctatat ttggcatgga gtatcttcac 180
 ttaccataa taagcatttt ttcattaata gcttgaagct ggccaatcca aattgaagtc 240
 gagattgcaa gatgaagaac aagctaaagc agcattgatg ggaagaattc agcgactaac 300
 caaattaatc ttagtttcta caaagaatgt aatgtcatca agca 344

<210> 1545
 <211> 260
 <212> DNA
 <213> Glycine max

<400> 1545

gatgatgaca acagggacat gcagatatcc tcatagctag ggtccctaac cctagctatg 60
 gtggtaaaat ggtaaattat ataataaact ccctcacct atcgtgagct accctgcggg 120
 ttctctgtca catcacttga agattccgtt ttcttctctg ctcttcggat ccacgcaagc 180
 ctctaccatg ccaaaacgaa ggagacttaa tatggatttt cataaacaaa gctaaccaca 240
 atgctctggg cagacacca 260

<210> 1546
 <211> 123
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1546

caatcatctn ntaatcatct atctttcaat cttnttcat catcatcctt caacaatctt 60
 tcaatatctt ctttcatctc tntcaacact ttcaacagaa cttcttactc atttatcttc 120
 gtc 123

<210> 1547
 <211> 166
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1547

atgaagcaac aatgatgtaa gctccattgg agcttgtag cctaggatct tcttcatcaa 60
 tggattcctt tgcttcttgg aagatgaatg gcagcgggaat ggagaaagga agagagagag 120
 gagacgccac ttcaaggaga agatgagtct agaagaagct caccac 166

<210> 1548
 <211> 428
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1548

tcctcggngc catttcctgc gaaggcaaac atttgagag ttagttttac caagaaatgc 60
 tattcttaaa acgaaaatgg catacgacct ccccaataa cacaacatc aatgtaaatt 120
 tagagcgaac tcatgcgcat acttccttcc gaacattcac tcgcaccaga tattcttcta 180
 actaagaaaa atgcacccag gcacaatcaa ggcaccttcg ttacctagat cacttatatg 240
 tacttccaag gtgtatttgc tacctacatc acatgcactt cctttgctaa atttacatac 300
 atgcatactc aaagcatttt ggctacacaa aattgcatac gtgcacattc tggattttct 360
 aataacctata catatacaaa ctttgtgatg aatcttggct acctacacaa taagggtgcta 420
 catttcat 428

<210> 1549
 <211> 400
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1549

tcttagtctc acctgatgaa ttcattggcta cttcatgcac tcctctaattg acaatagcat 60
 cacttctgac actaaattgc tgggagtttg aagccatctt ctcaattaaa tttctggctt 120
 cagcaggggt catgtctcca agggctccac cactggcagc atctatcata cctctcttca 180

tgttgctaag tccttcataa aaatattgga gaagaagctg ctctgaaatc tggtggttaag 240
 ggaaactagc acataatttc tttaatctct cccagtattc atacaggctc tctccacaga 300
 gttgtctaata acctganata tcctttctga tggtcgtggt cctggaagca gggaaaaaaaa 360
 tatctaagaa tactctcttg aggccattcc agctcgtgat 400

<210> 1550
 <211> 349
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1550

tgtgtcacga ttcactgtga cagtcaaagt gccattcact tagcaaata ccaaattgtac 60
 catgagagga caaagcacat agatgtaaaa ctacacttca tcagagatgt gattgaatct 120
 aagaaggtga aggtggaaaa ggtttcaaca gaagaaaacc cagctgatat gttcacaaaag 180
 tccctctcta gtgtcaagtt caagcactgt ctgaacttga tcaatttcga agatgcctaa 240
 agctgattgg tagaagtga gccctgaatc acaagataga cactngctaa tttggagtca 300
 aggtggagat ttgtggtgtg tgactcanaa tcacaattgg cacaagtga 349

<210> 1551
 <211> 325
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1551

ntactgaaga aagctagggg tgactcacct tgcattagta ctatgcccat ggccgtgccg 60
 gaggcgtccg tttcgagtgt gaatggacgg gaaaaatctg gcagagctag cactggtgcc 120
 tgtgtcatgg cagccttaag agagtcaaac gcaagttgag aatcctcgcc ccaatggaaa 180
 ttatccttct ggaggagtga agttaacagc gccgcaaagg cagcataatc acggatgaac 240
 ttgcggtaga agtccgttaa acccaaaaaa ccacgcacag attgggttgt catgggtgta 300
 ggccaattca ccatagcttc tatct 325

<210> 1552
 <211> 362
 <212> DNA

<213> Glycine max

<400> 1552

cttatcatct gaaaacgtga aacatgctat tgtatgttct tcacgttata tgcataagatt 60
atgctcgact agttgggttt ctggcgacat tcaatgatat cgaagtaata ttacaaagtt 120
ctctcctggt gcttgcataat aatgtgtgct gctgcccttt gtgaatacaa caattaatgt 180
cctttgtcca atatttctct tagggtaatt agggattatg catgtgcgtt atccaaaagt 240
atactaaact attcagactt tcatattttg ctaagataat taatgaatct taacttctgc 300
tgagaatcat gagataatcc atggttgata ttacatacac atgcataaca aatcatagat 360
at 362

<210> 1553

<211> 466

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1553

tatcccacaa gactntcagt gttgtctcct ttaacacatt gtacttgatc tcgagagcaa 60
gagttaatca aatttgtgtc acagctttcc tttgtatttg agcatattct ctttcaacta 120
tagtagctga cttttcatct tctaaagcca aatcaatacc ttgctgcact aaaagggtctt 180
gaatggtaga ctgccaaatc ataaaatttg ttttcccatc aaacaatggg atttcaaact 240
tttgtgtgtt tctatcata gctttgatgc cacttggttg gaaaactcct ctacacacaa 300
caaaattacc cacacgtcca aggaatctta gatggaaggg atcctaanaa gtcctctata 360
gaattttctt tttggctctg gatatagagc taaatagcaa gggttcctaa naattaaaaa 420
tggtntttt cccctgaatt ntggtagata ataatttta tctcta 466

<210> 1554

<211> 215

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1554

tcctctaatt actatggcat catttntggc gctaaactgc tgggagttgg aggccatctt 60

ctcaattaaa tttctggctt cagcaggagt catgtctcca agggctccac cactggcagc 120
atctatcata cttctctgca tattactgag tccttcataa aaatattgga gaagaaactg 180
ttctgaaatc tgatggtggc ggcaactggc acata 215

<210> 1555
<211> 382
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1555

ctcagcttta catatgggag ggcgggcttc ttactttctt gtcccaacgc gagctntgac 60
cactgttctt ccttcccgtat atgcttcttt tcatgtccgc ctgagtgggc ttatagccta 120
aaccatactt cccacgattt ccttgggtat ttatcaggct agttatgccg ccgttggttt 180
tgcctaaacc cateccgggt tcataaccgt tccccaacat aactcgggcc atcattaccg 240
ctgcatcgga cagacaaggc tgcccaaaga gggagtccac ggaggaaatg ctgaccacct 300
canaagactg gaaagcagtt tctaacgatt cttctgcggc ttccacataa ggcatggagg 360
atgggcagct taccaagata tc 382

<210> 1556
<211> 474
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1556

actaagcctt taagttatgt ggtggagtgt acaatgtcac acatgaatct tgatatatct 60
ttatccagag aaatctgtaa ctattggatt gtctcatatc tgaccaatc ctcacaaata 120
ttntacccaa actatgttac tgcogactaa aatcactaaa cttagtctta gactatgtag 180
caaaatagta ccaaagactt cacacatcat attaacatat ttcattcttt tttaatatatt 240
tatttctaga aaattaaaaa taatgggtgt gtgttgaaat atatgtttct attttatatt 300
aaaaaatgt aaaataagat ttcaattttt atgcttgata taattctttt tacaatgtaa 360
gcaaatcaga aatattaata tgactactta cataatttcc aatgggtattc atataaataa 420
ttctgggttat gtgactntaa tgtaagtaa ttaatttatt ttctttgcat agat 474

<210> 1557
 <211> 209
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1557

tctttctnta cccactcctc acgttgggtt attaggggaan aacaccataa ctaaacgcgc 60
 cacaaggcat ccctatcgca ccagatccaa atctagaatg atgggtgatc aagaggagac 120
 acaggaacag atgacagccg acatgtcggc tctgatagaa caaatggcct ccatgatgga 180
 ggccatgtta ngaatgatgc agctcatgg 209

<210> 1558
 <211> 368
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1558

ctttctctct cctcactcag cccacanaa attntagaca gctctccctc tctctcacgc 60
 agccttcttc ttcttttctc ccatccacca ttgaaacccc aacaaagctc caacctttgg 120
 tactcatttc tgctccaaat cgtgaaagga gagcattttc ggagtcgtga agtgcgtggc 180
 tacgagtggg acttcgaaaa tccaggtttg ggtggacttc tttctctctt aaatttcgtg 240
 ggtatggggg tttgggagat atgatgggtg gttntgtag ttntctgctg tgtgatgatt 300
 atttgtgaag gaacttggtg aaagcttggt gaaattgcc a tgtttgggtg agttagacat 360
 acccattc 368

<210> 1559
 <211> 372
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1559

ctcattccct gngattaaaa ctacatactg tttaaccact gggacaccct tctgtttatg 60
 gctccaaccg ataatgtctg ccagtccttc aaccaactga tcctgaacgt agatgaagaa 120
 gctctgggtc ccaggacggc taatatcgg gtcaagctgg caaaagtgt accttagcaa 180

gtaggtgaag cctgaatcaa tgggaagttg ccatgtgagg ttgaacccca tgttgaaggt 240
 accattactt cccatattcc ttacggatcg gtacactgtg tctgggtgcag tgtagttagg 300
 agtcttcttt gtgaatctca gcttaattcc agtggcaata tctagagata gtacactttg 360
 agtcgttaca ta 372

<210> 1560
 <211> 289
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1560

gctacgctct taactgacac gctcttaata ttcgaagagt atccttgtgg aaccttcacc 60
 cgacgaagac actgacaaan acttatatta ttcttctttg acaaagtatg gcaggatagg 120
 gacaaagtaa atttcttccc atcagacctt ggatgcaact gtgatcgtat acccatatca 180
 gctagatctt gacgggtatt caagccatcc ttctgtttgc cttgaatggt aaggagcgtc 240
 ccaatcacac tgtcacaaac atgtttcttc acatgcataa catcaatac 289

<210> 1561
 <211> 407
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1561

ctcagctgag ctgcactat tgtcccagag ccactcggtc cttgttcttg ctccattctt 60
 cctttcgggc cttttttgtt tccactcta acgcttcaac cgtgggtcatg ttgatattctt 120
 tcagctcatc acactctttc ttgaccttag tgactgccac cttcagcttc tctttcacca 180
 ctcttgtctt ttgagctct actttcaaag ctttcacttc ttcactttcc tcaaaaattt 240
 caacctcctt cccacttaga ctttatagct ttgggagcca agttatccct tgcgttctag 300
 acttcaacca cttgtgatag ccgctgatga tgtcattgct acttccccta agctccttat 360
 cttttcttcc cactatattc cacgctgtat nggatttcta aaagatc 407

<210> 1562
 <211> 430

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1562

acccttgtct gttacttatt tcatatatta gaaaaaatta tttgcaattt ttgtgtgaga 60
atcttgcaag aaacattaag atttatatat ataataattc atatctaaag tattatcctt 120
aattcttatt ttaaagaaat tattatgaat catttgaaaa ttatttcgct attttgggtgt 180
cactgggtgtg atctcatttg taacatgtaa tgaagttcaa ctcttaagca tgttgtcacg 240
gtttcattat gtgtatgaaa aaatatatat tattagaaaa gggcaatttc ctttcacttt 300
tagtgtgtat gaaaaaatat atattattag aaaaggtcaa tttcctttat attctagtga 360
ggtttgcctt aattctgata tactagtata aactagctgt acccatanna tgtaatgaag 420
tttattatta 430

<210> 1563
<211> 171
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1563

tgaaatatat ttttcggcaa gaactaatat tatattacgc actagttaaa attagttggt 60
ttttatagaa gatagcttct ccacaagatg attttaactt atatataaat tcatcttatt 120
ttatgggata aatatatcta tggagaagnt tatctataat aaattttaat t 171

<210> 1564
<211> 465
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1564

tagttaccac aaaaggaccc tntaggcatg tnttatcgcc tcatctatga taagatggct 60
ctatcatttt ataagagtca gggtagcact ctcttgcatg tcttgcttaa tatactattt 120
ttaagataag atcaagttta ctttaaacta aggtatccct aatccctaata aagtaacata 180
tataaccctt tcttagtgct cactttcaac agtggagcag atcatttgct aatatatgta 240

taccaataac aggtcctctc taggtatagg tgcgttattc aatcaaagt actttattat 300
tattaatcaa aacaatatat aatgcaatat ccaactaaaca attcattccg ttccctcttc 360
tcctcttttc ttttctctca aataaaatat catttctaata ggtagntagt cttttaattc 420
tctcttatct tggattaata tttgatagaa gaataaaaag acaact 465

<210> 1565
<211> 431
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1565

cactgcagtg gatcactagg gttgaaatct ctaactggat tgtggtggat cgtgatgatg 60
ataacagcgt tttcgggtgct tagtttggtg attggattct atgtctagac catgatcaaa 120
gttgattcca ctataagagc ccgattcatt aagttaaata aatttgatga cgttggtgtaa 180
atggaacccg ttattatctc tttttttatg aggatgttac ttacgaaggc tctatgtacg 240
tgtttatttt tagtgtaatt tctttgtaac cacggaata tactgtatat gggaagctgt 300
tcataatctt cttaaatgat aacagtgatg tgcacttgag gttattcttg tcgatacacg 360
catctacatg ctagcaaana tattatacat ttgttttggt taagtataac aatgaaaaaa 420
tgatagagtt a 431

<210> 1566
<211> 366
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1566

gtgtatatac attngatagg gaagcaccat ctatccaagt tgatacctta tgtgttcatg 60
gaggccctaa tggatttata actggaatta gaggaagggt tcaatgtctt tcataagaag 120
atttggggaa gactgagaca cagctagaga agcacgatat gatcaaagaa aaatgctatc 180
tccgctttcc tacactgcca ttcatccca aggaacctta tgatcgtgat gctacagatt 240
atgacaatct ttctcttggt tcaggagcta aagatcaaag ttttattcat gtatctaaga 300
tactataaaa tgtaccttat atactcctga atctagatca tgtgctaagc atgcattcta 360

actctg

366

<210> 1567
<211> 451
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1567

tctactcatt agcttactgg agaagctttt cttnttaatt ttcttctcct attagtgcctt 60
atagaaaagc ttatccaaac aagggtccact atatattctg caatctggta ctgtgccata 120
tatatggatg gtggttttgg acatttggat ttgtgtagtt gttgttaata acaatgatgc 180
ttatgcattt gggcatgggt ttggactagt tgtatcaaac tatgtttgtg tattgggtatt 240
ttgggggagg atttccactt gcttactaca tttttacatg tatattatgt aactgggttc 300
attttattgc tacgtgtgag gtataactac ttctgttttt aaagccattg cattcttttt 360
ttattttctt atgtttatgt cattgtggcc ttattntaaa agcatgggtt tgttgactaa 420
ttataagcac atctaacttc tgtttgagtt t 451

<210> 1568
<211> 169
<212> DNA
<213> Glycine max

<400> 1568

acttctgtat tagtgtcaat gatgcacgag acagcctcct cgtcacactc aatgctacca 60
tgctacactt acttcaacac gtccgacata tatgtcccat gcagaccttc gtacggacat 120
ggaggcctat aacttacacc acaccccatc ctaacccatg ccgtatacc 169

<210> 1569
<211> 202
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1569

ttaactgaga cttaatgagt gaatgtaaat gtttaataga tttgaaaaag aagaaatgaa 60
attttcctaa aatttaaata ctntctattt atatattnta gtgggtggatc aagtggcctc 120

aaaataatta agaagggggt tgaattaatt attcctaaac ctttactaat taaaaaatta 180
ctcttctaag gcttttactt at 202

<210> 1570
<211> 112
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1570

gcttctgtct cttggtctta ctcttaaaag ccacaaaatg ctgngatggc tccagcactg 60
tcaacacaag cacgaatatc ttcactgtga cagcacaaag ctcacagaac at 112

<210> 1571
<211> 435
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1571

agaaactgat tattaaacac acataatgaa aataactaagt atttattacc tatacttaac 60
agaaaatact tataacatta caaaataacc ataaatttgg agagtttgat ataatttata 120
caagttttat acacaaaagt tagtcatttt caccgactaa caacttcccc aaatttatag 180
ttttgcttgt cctcaagcaa aaagagaaca actcacttgt cctaaagtga caatgacatg 240
gagtgactat gtacaaaggt gtatgctaca aagttactga ttgcatgata agagaatgga 300
gtaaaatgcc ctcatcactt gtctttcaca agttatgcag ttatccaaag agaagaataa 360
aatgtatact gaacaaatag atgaagttag gcattagaca gatatcaagg agagtagctt 420
anaccacagt ctcat 435

<210> 1572
<211> 235
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1572

ctgcagcttc cantatggaa gctaactctc tgggtgatct tcttgctgta cttgatgtac 60
atatannntt tatctattaa tgatgttntg tatgctcact atgctatcag aacttcattc 120

ttccatgctt tngccttgat cacgtagatg catgtgttta taggatcatt caattgtgga 180
aactgggtctg attcttagaa cttgatggga cagggctagt ttgtcgtact ttcac 235

<210> 1573
<211> 407
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1573

ctaagctnta tagtgcggt ctgngagacg aaggtcaagt gttcgctata tgtgaagatg 60
atgttccaag tacttcggat ttggtccgac catgccctcc tgatttccag ctgggaaatt 120
ggcgagtgga ggaacgcccc ggcatttacg caacaagcat aatgtaaacc ttacgggttt 180
taaaagctct atagttgggc ctaggctnta gagtttcctt tntgttaagg ctctgtgtct 240
tttgtttttg aatntataat acaaggatct ttcttcatct gttcctgggc tctaccatt 300
ctcattcatt tgcatgttta cttctttntc tgaaacggca gattcgatga cgagtccccc 360
gaaggacta atacttgnga cccgtctatc aacttcgagc aagaaat 407

<210> 1574
<211> 340
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1574

tgcctaagga ggtccggaag gacaaggcgg ctctttgttc tagttccgct cctgagtatg 60
acagtcaccg cttaagagc gctgtacacc agcagcgctt cgaggccatc atgggatggt 120
catttctccg ggagcgacgc gtccagctca gggatgacga gtatactgat ttccaggagg 180
agataggteg ccggcggtag gcatcactgg ttacccccat ggccaagttc gatccagaag 240
tagtccttga gttntatgcc aatgcttggc caacagagga gggcgtgcgt gacatgaggt 300
cctgtgtgag gggtcagtgg atcccgtttg atgcagatgc 340

<210> 1575
<211> 307
<212> DNA
<213> Glycine max

Year	Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
1970	1,000	1.0	500	1.0	500	1.0
1971	1,000	1.0	500	1.0	500	1.0
1972	1,000	1.0	500	1.0	500	1.0
1973	1,000	1.0	500	1.0	500	1.0
1974	1,000	1.0	500	1.0	500	1.0
1975	1,000	1.0	500	1.0	500	1.0
1976	1,000	1.0	500	1.0	500	1.0
1977	1,000	1.0	500	1.0	500	1.0
1978	1,000	1.0	500	1.0	500	1.0
1979	1,000	1.0	500	1.0	500	1.0
1980	1,000	1.0	500	1.0	500	1.0
1981	1,000	1.0	500	1.0	500	1.0
1982	1,000	1.0	500	1.0	500	1.0
1983	1,000	1.0	500	1.0	500	1.0
1984	1,000	1.0	500	1.0	500	1.0
1985	1,000	1.0	500	1.0	500	1.0
1986	1,000	1.0	500	1.0	500	1.0
1987	1,000	1.0	500	1.0	500	1.0
1988	1,000	1.0	500	1.0	500	1.0
1989	1,000	1.0	500	1.0	500	1.0
1990	1,000	1.0	500	1.0	500	1.0
1991	1,000	1.0	500	1.0	500	1.0
1992	1,000	1.0	500	1.0	500	1.0
1993	1,000	1.0	500	1.0	500	1.0
1994	1,000	1.0	500	1.0	500	1.0
1995	1,000	1.0	500	1.0	500	1.0
1996	1,000	1.0	500	1.0	500	1.0
1997	1,000	1.0	500	1.0	500	1.0
1998	1,000	1.0	500	1.0	500	1.0
1999	1,000	1.0	500	1.0	500	1.0
2000	1,000	1.0	500	1.0	500	1.0
2001	1,000	1.0	500	1.0	500	1.0
2002	1,000	1.0	500	1.0	500	1.0
2003	1,000	1.0	500	1.0	500	1.0
2004	1,000	1.0	500	1.0	500	1.0
2005	1,000	1.0	500	1.0	500	1.0
2006	1,000	1.0	500	1.0	500	1.0
2007	1,000	1.0	500	1.0	500	1.0
2008	1,000	1.0	500	1.0	500	1.0
2009	1,000	1.0	500	1.0	500	1.0
2010	1,000	1.0	500	1.0	500	1.0
2011	1,000	1.0	500	1.0	500	1.0
2012	1,000	1.0	500	1.0	500	1.0
2013	1,000	1.0	500	1.0	500	1.0
2014	1,000	1.0	500	1.0	500	1.0
2015	1,000	1.0	500	1.0	500	1.0
2016	1,000	1.0	500	1.0	500	1.0
2017	1,000	1.0	500	1.0	500	1.0
2018	1,000	1.0	500	1.0	500	1.0
2019	1,000	1.0	500	1.0	500	1.0
2020	1,000	1.0	500	1.0	500	1.0

<210>	1576
<211>	273
<212>	DNA
<213>	Glycine max

cacttggtga	atatgcttct	ttgctntcct	tgcgctagcc	cttgatcatag	gtcttccaag	60
atcttcaagt	ggatccttgc	ccttgctctt	ggcatgtcc	tcatcattct	ctccctcttg	120
agaaggattt	gtcctcatat	cggattctcc	atctgcatca	naaatagata	agtcagatac	180
attgaaggtg	gtactaacat	tatacttata	gggtagctca	actntgtaag	catcattgct	240
tctttcaagc	acttgacatg	gtccatcttc	cct			273

<210>	1577
<211>	235
<212>	DNA
<213>	Glycine max

gagcaatggt	ctcaatataa	anattagtag	tggaattctc	acaatcagaa	tattcagaat	60
cacctcaac	agaatgctca	caatgcatag	aatgaccaag	atgcacacta	tgccctaacta	120
atctatgaga	ggttctatct	atttcangat	caaaggattg	tgaatcacct	gggatgcccc	180
tagtcatgca	ctatatgcag	caaataatgt	gtttctcaac	aagcacctaa	caaag	235

651

<211> 435
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1578

gcttanacat tgagaagaca gtatgagctt cttgctatgg atgagactga atcaatagct 60
 gagtatttca ccaagattct cacactcacc aataagatga agtggttggtg agaacagatt 120
 aaggaacaac tgggtggttga gaagggtgctc agaacactga catcaaagtt tgatcacatt 180
 gtggtggcca ttgaagaatc aaaggatctt acatctttca agcttgaaga actacaaagt 240
 tcacttgaag cgcattgagca gagattaata gacaggaatc ctgagaagca caatgatcaa 300
 gccttacaag ctcaaacagg cataaagttt gacaagcaat gagacaaatc caaaaagaac 360
 aaaggatagt ggtgtgatga gaagtggaga aagactgaag attccatatg tgggtgattct 420
 ggatcatctt cacag 435

<210> 1579
 <211> 230
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1579

aattaaacac acaaacttga acanattgatt aatgagccaa actcaataat tcaactaatag 60
 ttnggctcac ttanattcta tgtataacat cccaaatgct aacgaggacg aagaatgac 120
 attgtgttan aagagaagag acatcgacaa gtatgtggttc atttagtatac tcttgacatc 180
 ctagntcata attgtggtct gactactntg acatctacaa atttagtccc 230

<210> 1580
 <211> 253
 <212> DNA
 <213> Glycine max

<400> 1580

atgaataacc tgtagaag ttattgttta agtatttaatt tgtatcgttt ccctaaaaga 60
 taaaatttcg acacagtttc ttgagtaatt ttagtcctgc tatccaatta gaatcaaaga 120
 tttacaccaa aggtcagcat aagatactga aactccaatt tcaatcgaag aatatacgtc 180

aaaaaacatg caaagaacta acaaatatga atatgacagt aacgtgggtg cgtttctctt 240
atctattgta cat 253

<210> 1581
<211> 376
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1581

cgcgaaactga gatctttgcg tgatccataa attgtgtcta ttggtttatt ggaatgcgga 60
tgatgctgcc tctgctctcc atgtatacat gcgagtctac gtgaggatgg agacatatga 120
ttggcatttt aattttgctc tcgatgttga atttgagttt ttctgtatgtg ccgtgtttnt 180
gtcagagttt tcataaaact agtgaatctt actatcaaca acgaaactgag caacatcggc 240
ctactatagt agtggttaatc aaattctttc acataagtggt ataattggca ttntgattgt 300
aacttcaaag aatcatttga attgtagata atgtattgga ttatatgtcg ctcttcattg 360
gttggaatac attgag 376

<210> 1582
<211> 314
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1582

aactcactct tcanacaaaa ctaatgagaa cagtgtctta taacacatgt tttcataaaa 60
gaagaccaac actttttttt atttaggtta aatatcactt ttaatttatt atattttagt 120
attttttatt ttattacatt aagggtttaa acgtttattt taattattta tatttttttt 180
taaattatca ttataatcat tgtttctaata tntatgttaa anaacattaa tgtttcatca 240
atattctaac taaaataata cctgaaatct cgtcgaagag tcaaattaac taaggagggg 300
tggttaagttt ttat 314

<210> 1583
<211> 399
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 1583

ttaaactcgc tgtaaaaata tctatattca atcactcaaa ttatcaattg ctcattctta 60
 tcattctcaa acactcattt catgcaaaac aatccactac atatcatttt caatcaattc 120
 attgttcaaa cacgcttttg gtacaaacaa acaactcaaa gtgctgaaat ttatataatt 180
 gaaatttaaa aaaattgaaa tataaaatct gaaatttaaaa tgactgaaca taaatcataa 240
 aataattgaa aataaactaa aatgttcgag atgcacaaat ntaaagtcc tgctcctgtg 300
 gttgctccta tgcattgctca ttaaggtcca acacctgagc agctgggtgca gatgggtgtg 360
 cataatcaag tatgggtgct agggatggct ttgggatct 399

<210> 1584
 <211> 380
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1584

gatctgagcg acaatacaaa cttcctagcg gtttctaate atatgggtcca ttaagtctat 60
 catatgttga caatagctga gaagtctgtg gatcttcttg ggggcggagt aggtgtccgc 120
 cattgctttg gccttggtga gcaatcgggg aaattcttga ctctgttca aagtaagagc 180
 aaatcgggtcc gtccacattg ttgcctcttg gtgccatgaa tcaattaccc tctcccttgc 240
 ttcgctntct gctgatctct tggcgactc atcctctagc ctttgctcgt gagtcgccgc 300
 tagaattagc ttctctttgc actcatcgat gacggggccac atattccctt cagtctcgt 360
 taattggtgg gacaaatttc 380

<210> 1585
 <211> 352
 <212> DNA
 <213> Glycine max

<400> 1585

cggcggttgt agaacctgtt acatgaggtc ttttaggtc ttgtgggtccg tgatgataat 60
 gaaggggtac ccgaggaggt aatggcgcca ttttcgaact gccgaggtaa tggcatgaag 120
 ctogtgaatg taagtagatg catgttgaag gcgtgggcag aacatcttac tataaaaggc 180

gattggatgt gatctctgtt gaagaatggc acccatggca atagcaaagg catatgtttt 240
 gaggacaaaa ggcaatgaga aatccgacga ggccaacacc ggagcctgag tcattacttc 300
 cttatgacga aggaaggagt gggtagcctc ttcagaccat tagaattgat ct 352

<210> 1586
 <211> 136
 <212> DNA
 <213> Glycine max

<400> 1586

aatgtgaaga cccacaattt cttgtgtttt ctaattagag agggaaaaaa tatccagaag 60
 ctatgaaatg tttctgcact ttcaaataga acctaaaaga catacaagac atttgtcact 120
 gcattgagct gcatgc 136

<210> 1587
 <211> 431
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1587

gcggtagaga gattgagatg atattgtagt cttcatttta ctgtcaacat gcaagggaca 60
 tttctctcgt tttagacatt gtttcacaaa ttccaacggt ggagatgtgt gaaaatggat 120
 tccaaagtcg gtgtccaaat tgcacaatga tccaacgggt aacgagtcca ggatcatagt 180
 tttaatgaga taggttttgg gtctctacga gaaaagagaa agctagaatg cgaaggatat 240
 ttctctcacc tctgacgttn tttggcaaat ttcaacgggt agaataattg aaagtgagtt 300
 ctaaacctgg ttctcaaatt tcatgatgat ccaacgggta acgagtctga gatcgttggt 360
 ttactaagat atgtttgagt gtatgcgana aanagagagg aatttggaaa gaggagaagg 420
 gaaaacgaaa t 431

<210> 1588
 <211> 475
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1588

ttacgtgaca ctataaaaact cagctttaa at tgaatanaac ttttaataact gctggtttatc 60
gattacacag tgcanattnt gaattcaa at ttttaatagct gttgttaa atc atttttttgcc 120
actggta atc gattacatcc tctggta atc gattactaga gagtaa atct cttgaaaaag 180
actttttaac ttaaattttct tggccaa acc ttttgctact tcaattagga attcccttcc 240
tatttaatat acccttccta agactctaga gactgtcttg atcatccatc ttgaatatct 300
ttaattttctt tgtcttgaat aaagctttga gaaacatgtg atcctttggc atcatcaaaa 360
aattcagctt gatcctttgt ctacaatctc ccnctttttg atgataacaa tccctgaa at 420
caagacaagc tatatacaag atgatagcac gttcacacaa cccttttact ccta 475

<210> 1589
<211> 223
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1589

aaatgcaccc atataca atc aaggcagctt ccttacctag aatattttaca tgtactttcca 60
aggtgtattn gntattttaca tcaccacgtc tccttggtta aatntacata catgcatact 120
caaagcactt tgggggtacca aaaattgcac atgtgcacat cttgggtattt ctaataccta 180
tacatacaca nacttcatga tgaatcttga ctatctacac aat 223

<210> 1590
<211> 399
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1590

tcttgca ctt gatgaattat attctatgaa ttactcatga gttctctcaa gcattacaaa 60
gaagtgatca atatattata aatgctatga aattagatat tgtgtccaaa caaagggttac 120
aaacaatgaa ggatgattga cattctctgc tcggtgatgt ttcattattt tgtgaaaaac 180
acaatactat tgttcaaaa atgaatgaca cttttcaa ac acaaggaagg tcaaggcgcc 240
atatggaaaa gtttataatt tgcatcattt ttaaaaattg gtttatcaca tgattgatcg 300
acaacttcaa gagttgaata agtcgtttac aaaagtgaat attgagttgc ttctttgtgt 360

agcttgctta aatctaagaa nnatcatttc tacatttga 399

<210> 1591
 <211> 478
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1591

ttagtgtagaa tcattcggtg atataaacta acctgntagg tttggaatac tccacaggat 60
 atagatttca tctagtttgc tcatgggcga gcgatgtcaa ctgctggtca cacgatgcga 120
 tacaaccaca gagaattgac tctogaatga atcagggtgct cacaattggt cataatgata 180
 agtgcaatgc acagaacca aatctgtgct cttctgctag caagggttaat gttcaaagca 240
 tggaatgaag tcaacagaaa cccaatggtg ccttggttgt atttagagga tgngtatgcc 300
 ttacctgtaa ttgacctgtc ttccacacaa tggaatatgt ctntaactcc acatctgatg 360
 tggccatgat atcctacagc tcatcgtgct gttttgagga agaaatggat taccttaccg 420
 cattcttctg tactggtgat gcatagaaaa ttgtctgatg ctacatattg tgcaaccg 478

<210> 1592
 <211> 338
 <212> DNA
 <213> Glycine max
 <400> 1592

gggagcgcta tccgcagact caacagaagt cagttgtgag agaaatcaga ctatgtgcac 60
 gaatcgata ccagtggtg tattgatagg accaagagct ttggcctacc ctaccgctta 120
 cctagatacc tatcgtccac catcccacca tcatccttgc ctatccctt tgacactaac 180
 gaagagtttc atgaacagtt aaccaaagaa aggcaagata aagaaacttg gaagaggaga 240
 tgccaggagc tcgagcaaga gaatgagact atgaagggga agatagccca acagagccgt 300
 gagcttatta tccagaacca gaggatgatt gagaagga 338

<210> 1593
 <211> 270
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations

<400> 1593

atatatacaa caatggcctt catcatatgn cacattatgc attgcattct aatattttaga 60

gattgatacg acaatcattg ctctatgcta ggcgttctct caataattaa attcacactc 120

tcaccgggnt atggctcaag ctcttctttc tcaatcaatc tggctactga ctaacatttg 180

taattgcaag cttacattct tagtctttct ttgtgtagca gacacactng ctcaaactca 240

tgatanaaca catgctttat tccaatcatg 270

<210> 1594

<211> 354

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1594

agaaccaaag aagagcaagt tatattgaga catgaacttt ggttatgcga aaaacttttt 60

ggatgagaaa acatatactt ggatatgggt tataattcta tacttaagac atttaaaata 120

gaactgaggg aatcaaactt aggtcaattt aattctagtt tacgatatgt actcatgggt 180

aaattntatt ttagtgattt taatttaatc tttataaatt atttagatat gttatgtgat 240

atgtcactta catagttatt aaagtaacat atatgatttg ttatatatta catcatttca 300

tgaataaatc ttttttatta tgcagaaaaa gcaatggatt ntttaattat tttt 354

<210> 1595

<211> 447

<212> DNA

<213> Glycine max

<400> 1595

tagactaact tcagcctacc attctcatac tgatggccat actgaacgga ccattcagtc 60

attgaaggac cttctaagag cgtgtgtctt atagtagaat gaaagctggg agagttttct 120

tccatcgata gagttcactt ataacaatag ttttactct accattggca tggatcccta 180

tgaagctctg tatggtagaa ggtgtatggc acccttatgt tggctagagc ccagagaagg 240

ccttacctta tgacctaaag tggtaacaac aaccaccgag aaagtcaagt taatccagga 300

taggatgatg actgctcaca gtaggcatac aagttatcat gataagagga ggaaagatct 360

ggaatatgag gatggatgat atgtattctt gagagtcact tcgtggactg aggttggtcg 420

agcattgaaa tcccgaaaac tcacacc

447

<210> 1596
<211> 278
<212> DNA
<213> Glycine max

<400> 1596

tgtcttcaca aattatcatc tcacagcaga ttactaacia aactaccct catatctccc 60
aaaaccccat acccacgaaa tttaagagag aaagaagtcc acccaaacct ggattttcga 120
agtcccactc gtagccacgc acttcacgac cccgaaaatg ccctcctttc gcgatttgga 180
gcagaaatga gcaccaaagg ttggagctat gttggggttt caatggagaa tggaggagaa 240
ggaaaaagca acgtgaggaa gagggagagc ttctgaat 278

<210> 1597
<211> 397
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1597

ctttctaagc tntnttacia ccttttctcc ncctttggct tcataaaaa gccaaagaac 60
tcggaaatca acacagatat aacaatggag tagcaagata taaatatcag agtaaaaaaa 120
acaaaataag ccaaactcac aaacaagaaa taatcaaacc agaattcaaa taacataaaa 180
tgtcaacaac cacaaaatat ccaagactga aatttaaaaa ccaaagata aataagcaaa 240
gtacttagca taataatgta aattctaaga aactaaaagc caaaatacac ggcttataaa 300
aagacatata atcataaact aaaatctaag aagacggagg tggaggagga agatcaaaac 360
tctgacaaat gtatccgaca tcctcttcaa gctgtgt 397

<210> 1598
<211> 438
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1598

tgccaccag ctgcccagg cgagcagggt tgcttctcc ataagcaaca gcctactgga 60

ggaatcttct agagggccca agtgggcctg gttggctatt gcacccccat ttttactaag 120
 tacaccccc tgctttntt ggtgattctt ttttcgtaaa gttacggaaa cttacgaatt 180
 tcgtaacgat acttgttttc tttccgtaat gttacggaac cttgtggatt acataatcat 240
 cccctttttg acttacggaa tgttacggaa cctcactaat tgtgcaacga tgcttccatt 300
 tgatttccgg tgtgtcacgg aaccttacgg attgtgcac aatattttct tttgtntccg 360
 gcacgtcccg gaatttcaca aattgcctaa tgatgggtgc caagcacctt acaaggacca 420
 aacaaaagtc gcatgtca 438

<210> 1599
 <211> 476
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1599

catcctgggc atggatagat caccaggtt cgggtctata agcaatgaca attgccctgt 60
 gaagattcgc tttcgtaca gcttcggtgg tttcccttaa ccaagccaca acctatgagt 120
 cgccagctca ttcttcaaca ggcacgtggt cagagtcccg agcctcctcc cactgcttgg 180
 gagcttacgg tttcatgttc tatttcaactc cccgatgggg gttcttttca cccttccctc 240
 acggtactac ttactatcgc gtcacccagg agtatttagc cttgcaagggt ggtccttgct 300
 gatacacacg ggattccacg tgccccatct taatatgaat tactcanaag acaattcana 360
 ataaacttct ttaaagaana agataaatag caataaataa aacaagttta aaggaagaga 420
 gaatgcanac tcatattnta tactgggttg gccatgcctt gtgcctacgt acaatn 476

<210> 1600
 <211> 226
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1600

agaaacatat atctcccca tatataacan atcgataaat ggtgtgtgat tcaatgaagg 60
 tgccaattca tgacaaataa ctggtaaaaa ctaagttccc ctggacatg taacgatgtt 120
 cgacgaatcc cgttacgctc tccgtagggc cattttcgtg ccaactcgaa gtcgcaacaa 180

ggctttctac tgcatactct nttctttctt cattgtcatc acatac 226

<210> 1601
<211> 218
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1601

aactttgaag tatgtctcac aagactctca ttcattcanag ttacaacaag tattacacat 60
gcttctatnt atagactagg tagcttcctt gagaagctnt cttgaganaa cttccttgag 120
aagctntctt gaganaactt ccttgagaag cttctttgag anaacttcct tgagaagcta 180
gagcttagct acacacaccc ctntcataac taagctca 218

<210> 1602
<211> 518
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1602

aggggctgan tcctgtatta cttgcacnt tgattctcgn gacactatnt agtactcaag 60
ctgatagata cgtgaccaga cgatcgcgag ttcagccaag ctctcttgga ggaagagcgt 120
caacagcgat ttctacctag agtgcgcccc cctcttgcaa cgatacatta tgagatgggt 180
cttatgacaa gtcgtgcctt tgtacctatc agaatcaggt accttgaatt atggagggat 240
gatgacgtcg gtactaagca aagatttgcc atgtccgcga acggatagtc tccagatcct 300
tcgacagctc tcaatctttc ttgatgaga atcgagttcc ttttttcttc cgctgccgaa 360
gggtggccctt ctgcgacaa gaatattggc tgtgctggga gggttcgagg gtctcccatg 420
agggtgggct gaggtagtct gttgggtgct ggccctcna cggcgacccg ngagtangaa 480
ttggtgtctc ttggcatgct ctctacactc tcgagatn 518

<210> 1603
<211> 427
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 1603

tatatccttt tcaccgtana tatttttatat tgttttctcg tatccacatt tactcgagat 60
tattttcttat tttcatattt tctaataat tcaaagaatg tgccactcat aaagtaacat 120
tccaaattag agataggcat tcatctactt tctatggtaa cattagtaaa acacatgaaa 180
ttatttacta tgtgttttaa ttgtgccgtt tggcatgaca tgaacaagg tcttcatatc 240
acgtaaaaag tagataaata aaagtaaaca aataagtatg gcatatocca ttagtctaaa 300
agcaagttta atatattcaa agttttatat ccattat tcatat tttca catgaaggat 360
tattcaactg agagtatacc ttaattaaag attacaaaat ggagaatctc attggaagca 420
gatactc 427

<210> 1604

<211> 395

<212> DNA

<213> Glycine max

<400> 1604

cgtagcccac catcttttca tagtatagta tctataatgt gtctaccatc acgattatcg 60
tctccctttc catcattggg ggtaccactt gtgccgccag atccctctac ctcttgggcg 120
tggtctttga aagatccgtc cccctttttg caaatgttct gtagttgcat cctatccaga 180
accatatcaa aattgtacta atactgccta acaaaggcaa ccattaogtc cttccaagaa 240
tagactcggg aaggttccaa gttagtgtac caggtaacag ctacccagc aagactttca 300
tggaaggaat gtatcaacaa ttctcatct tttgcgtatt ccccatctt ctgacaatac 360
atcttttagat gtgtcttggtg acaagtagtc cctt 395

<210> 1605

<211> 388

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1605

tgctgtcgt atggtcagca atgctcaagt tgatattacc ggcagactgc ttgtcaggtc 60
attgacattt gattatcaca tcttgacta tatcattgta agaattatga tgctcgttc 120
ttctaacta gctcaagcct ctgaggagga tttgattctg atgtgggatt tcttgaccgt 180

tcgtcaaadc gactgtgccc atttgattcg ttaccgcatg catatggcat tgcgggtctag 240
 tgcaccttta ccctatcctc agntaatcac tctatttctg cgtcatttga atgtacctct 300
 tgcttcttag cctctcattc aagataaatg atccttctct attggtgttg gagcgggtcac 360
 ctcttttggc tactgcatgg agttggat 388

<210> 1606
 <211> 414
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1606

gtcatgacat tgtcccatgc atatcttttt accaaciaag gttttacatt gtgccttcac 60
 attcgtatga atatgagacc gacacaacag attggtagac tcggggaaaa cagntttcta 120
 acatgttaaa tatctgtcag taacaatgac tccaaggagt gcatcacgtc tcagattaat 180
 accttgaagt cgttctagag ccogaacaac attattttaa cgttttctct ccaaataaggc 240
 aaaatgcagc tgacaatgtc atacatgttg gtgtcacacc aacaatgtca agtaacggca 300
 gcctgtacct gtttggtatg cagggttctat ctatgagaat accaaactat cgacattgga 360
 taatttcgac tgtttaggat gacttcaaca tatagtaatg acaacatctt aata 414

<210> 1607
 <211> 426
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1607

tatactatag acaaaagnta atattaaata acatttaatt tctcacatta atataaaata 60
 aaggataata agattatttg attgcaaata taaatattta tattatagcc tttaaaataa 120
 caataataga ttataaaagg aaaaataatt aaaataaata atataacact tgaacatttt 180
 gttctaaaag ataaaaaaca atgacttatt cctacaagga agactataaa aaaataaaat 240
 agtacattgt ctaaagagat aaaaaagaat atcattttat ttttaaaatg aatattataa 300
 aaaaggaaac gaaatgtttt tttcaaaaat aaaaaataga ttattaatat ttaaatata 360
 ttattcatat aattaaatcc tcaaatataa tatttttcta atattaagat attatacata 420

tatatt 426

<210> 1608
 <211> 221
 <212> DNA
 <213> Glycine max
 <400> 1608

tatgccaat ctgctttaat acagtctcac attgaaggca acactatggg caatcaacct 60
 ctcttgatct cagtatcatc cttggtggtg gatagttaca acaagctctc taaggaacac 120
 gtttactcga ggaggacat tcaacatcca tatcagcatc caaaaaccct tttactttca 180
 agtgactcac atcaagcact tctaccatac aaatcctata t 221

<210> 1609
 <211> 190
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1609

cctcccagaa gagtatggag tcagcaccac ttttaacatt tctgatataa ctctttttgc 60
 aggtggagct gatattgagg aggaggaact aacagatntg aggtcagatc ctcttcaagg 120
 ggaaggagat gatgcaatcc tccctangaa gggaccaatc acaagaacca tgagcaagag 180
 gctccaagaa 190

<210> 1610
 <211> 220
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1610

ttgctgagga aatatatccg tgaagaacat ccaagctgag gcgcttctgt aacgtttccg 60
 tgagtaatta cggaagatt ctgaccgtt cttcaagatt caccgttcgt tcttacgttt 120
 tctttagtct tcaatgggta agtacctcan accaagctnt tcaattcatt ctatgtaccc 180
 gtggtggtcc acattntggt tctgttatcc ttattctcat 220

<210> 1611
 <211> 615
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1611

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tttgacgccg ctagangtga cactatagat gactacgctt cagcgtngca ttgaatntga   60
nggagagggg acactgtgga actgtaactt actctcgacg aangcgatta tgagagagtc  120
gaggactgcg tcggcnaaga gaataccatg ggcgaatgtg tgtataggcg attacgagca  180
gggtgattct tcctctagat ctcttaggag gtgctgactg cgtcaccgat tcataggaca  240
tcgttcctct gctgttcagc tttctgcctc caggtttcat tatgtcgtcc actaacacga  300
tcaattcaac atactgactt ggatgtctta gctataacag cagactcctc tctcactatc  360
acattaatth tggttatagc tcgaccctg accatctgaa ttgtgttttt cttttcacac  420
ccgctacact atctcttact ccagagaaaa gagagaaaca ctgcatcctc tcctcgtanc  480
ttaaataaag agaataattgc cacagattct tgaatctcat cttactatgt gtgttaacac  540
gacggctctt atataatctt cagtgttcaa taacacaaat ttctacctcc gtgattttct  600
gaataaccag aggcg                                           615

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<210> 1612
 <211> 557
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1612

```

cactganggt cttcaatggt gattntncat catggagatg caacgaaaga tattggaana   60
gaggtgagat gaggcgtcat ccactacgga ataagccatg gaaggagaag cttcaccctc  120
aagagaatgt cttggataag aagcttagag agagaacttc actgaaggaa gagaatgaga  180
gagagagaga gagagagaga cagtgcacatg gtaaatcgaa tgaagaaagg gagagaagtc  240
gaactttgaa gtgtgtctca caagactctc attcattcag aataccacaa gtggtacaca  300
tgcttctatt tatagcctan ngtagcttct tgagaagtag agctatctac cacaccctct  360
atagtaagct caacctctga gagctagagc tagctgacac ccctctatac taactcacct  420
ctagatgata gtagctcacc acccttatat tagctcacca tgcaaatact gagatcagaa  480

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gtctctcana ctctcaatgc tatatcaagt anactatctc tagatgcaat caggtcaaga 540
tgaactatta tatacan 557

<210> 1613
<211> 580
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1613

caggctgctc gatagctcca ggttgctgca tgganaggca naggtctgta tgggtggtcag 60
cagaggagca cataccacan acccttgcaa catgtataga tntctgattc acggccagct 120
gnggtaccaa ggtaacccaa tgcattcacg tttgccttca agcttcttag tctcagatga 180
tgcagctgag tntgtaacta cctcatgcac ttctctaattg actatggcat tatttctggc 240
gctaaactgc tgagaagtgg aagccatctt ctcaattata atttctggct tcagcangag 300
tcatgtcttc aagggtgca ccaactgcag catctatcat acttctcttc atattactga 360
gtccttcata aaaatattgg agaagaagct gctctgaaat ctgatggtga ngggcacttg 420
cacatacggt tttaaatcgc tcccagactc atacaggctc tctcacctga gtgctatacc 480
tgnatattat ctgatgctat gtctagagca ggagattttc tataaacttc taggcatcca 540
ctctgatgac ctgacaagat acagcagctt tgcctctcan 580

<210> 1614
<211> 233
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1614

ctgcgtatct aatgtcctac tntatgcaga gggaatatgc tctatacana caagcaaagg 60
gatggaaaca ccttttggtga tacaagtcct gtatacatgc tctangtctt tacacttctc 120
gattcatttc ccgggggtgaa atgggtatgat accagtctac aagtctttat gtgccactcc 180
actatgatng caaatatgaa gtatttctctg tacttctaca gnngtgtgag tat 233

<210> 1615
<211> 522

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1615

tatgaccctc tgagnaccta natactacct tgagctcgct agtngtnngc nnnnnnatgt 60
cgcacttttag caccttaana ctagctcaac cccaccaatc agtgcaaacc tcacatgggt 120
ctagtgaagg aattaaatga agtaattgag gcnactctac ctccaccagc ctaacatcat 180
tagacttgct aactagatta cacctaaatc tcaccgatca aaatngactc ttcacacca 240
acattgccta caatggcttt tgctacttag gtcttagttt tctcttaacc tagncaacct 300
ttctacatgt tctaatagaca ttccagctag ataactactc tacctcattn acacagaata 360
gactagcctn caatctcaag ctactcttt cactcatact acatttactt ctacctggta 420
gttacctcat ttacaattca cacattcgaa taactaccca ttccaaacct aacaatgggt 480
gtacttcaac tggattacag ttcacatgct caaatataac cn 522

<210> 1616
<211> 653
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1616

ctatgacgac gtttgangtg acctatgtna tctaccttga ngctacgcta tganttctaa 60
gctatnacta ttggtactat tgctcgatgt tnttatgana gtcacgtana ctttggtgag 120
ttggcagaga ttacacgtaa tctcactgct tgatacgaac acatataaca gtgtatgtct 180
tatatctgta taactattat tctaactacc ataggatata atcagattct cggtttgcat 240
aagagttatt agcactattc gctgtcatcg tctaattgta tttgtttggt gaaaactctg 300
tattatctgt tgatacaacc ttatcatata tatatatata tatgcgcgcg cgtgtgagag 360
agataatgga cacacttatt tgggtatgta gaatgtagta gcatactaca ccgtgggttac 420
taatccactt atgaacgtat accgactttg ttnttagtnt anatacttta gaagtacacc 480
cactgtcggc tggagtgcgg tggcaagctg accatgcatg atctccgcaa attttagagag 540
ttatatatat atgtaatatg actgttgccc atctatcttt atagctctta tctattcttt 600
ataaacactg agtacagcat attatttctt gtatcagtgc tcttatagtt acn 653

<210> 1617
 <211> 394
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1617

atgtcaccat ctacagcact nttctcgagc ttctntaatc cctcgnttac aatnntgtgt 60
 attctcattc tcaaaccatc acttctcatt gaatttgatc ttaagctgca atttatccca 120
 gggatcattg cctcattgct ctccattgga gtagcattag actctaagtc agagggcaca 180
 ttggcatcca acgacttcac agctaatact tcttctagta aatctacatt ctgcatgtat 240
 cggtcanaag cttcattntc cacttcaaca ttccgctcct tgtatcctnt atcttggcan 300
 natctcattt cgtgatagat gcagcatccc tgaaacatca caatgctatt actttcacac 360
 aacatacagg tcaccggaac caagtataca ctta 394

<210> 1618
 <211> 648
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1618

tggattgacn cccggttgan gcgcactatg atgtctgacg ctgcacgtca ccagagcata 60
 ntgagatcca gatgatccct gccaaaactg tncaagattc accatttgag agcagagtag 120
 gtatatacgg ttcaagttct actatcacta ctaacctcct cgcacggacc agaggggtgt 180
 actnttcaat cattctcatg ataggacatg cctcttatag aggtacatga ttactcgcga 240
 gctatataac tttgatgacg ctactcttcg taatcagata gtacagtgcg acactttctc 300
 agcctccata tttgctgtaa acggacaaga acatacatta cacatggctt ccgtacgagc 360
 gtgatgtaca tcttacacgt gtcacttaca taacgcattn gtctatcntg tgataaacia 420
 tgactatgac ttcatcgcta gagtcgagac actaatactc atcttcacca cactgtgatt 480
 gactacacat atggatgata tgtcttgact gcaatgtatg tgtacgcca taatgcactg 540
 tctacactcn gtctatgaca ctgcgtctgc actttatctg atcttggtgt cgaactatgc 600
 ggatctcagt cagatctgat cagcctcac gtgtgatgta tgaacatn 648

<210> 1619
 <211> 216
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1619

tgcctatggt gctgcggatg attgcttcat atntacctgn gtcaactcta tcagagagaa 60
 atcacacacc ttcgaagtat tcaaagagtt gagtctaaga cttcatagag atgaagactg 120
 tgtcatcacg agaatcacga gtgaccatgg cagagagttt gaaaacagca ctgttactga 180
 attctcacat ctgagggcat actcatgagc tctcta 216

<210> 1620
 <211> 614
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1620

ngttattgac ncccgcttag angtaacta tagatgatct caccattgga ngctgacact 60
 atagaattac tcaagctnta gctntggctt gtaactgaac cagatgtcat cgtgtaatcc 120
 atgtagccaa cctcacatag taagataaga ctactgtagt cgtatcatac cacaacaacc 180
 tacttatcan aggggagaag gggnggacta aacaagaata ctacattcat atggagaaca 240
 ccanatacaa ctcttggcat tctatattag aatagataag ctcaatcaag cataacatga 300
 atttgttttn tcatattctt tgtacccatg tacatggctt ccaagaactc aaacaacgca 360
 taaagggtgca ttgtgaacaa ctcatattaag gattgtcata agaagaatac atgaggcgta 420
 agtacatata taagctacca caactactta atgctatata tangcagcta tgccttagag 480
 ccgagctttg ttcataaaat attctctaag cgaaatatca agtnaaataa aagctaactg 540
 atttgcctca ttttnatacc aatatgcctt cttaaaaaac agaactaatt ttaatgcact 600
 agctattaata aacg 614

<210> 1621
 <211> 606
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1621

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 ggactacctt gaatatattc tttgtagncc tttgagcctt gattcccttt cttgntntga 120
 agctcactac aagccttaag tgagaaacca tgatattacc atatccttca ggaatnttgg 180
 agcttttgaa tttgtttgag aataagtgtg gcgggggtttt ggttcattgt gacacgtcgc 240
 ttcgctgact atgcttcatg aagcagtctg ggccatactt gatgtacatt gtatatcngg 300
 taaatcgtgg acatgctgaa tgatatgttg cttctcanag gcangaacat acaatcgnag 360
 tacataagaa gaggatagtc atcaagaagg ccctacgctg agtgatataa cttaatggac 420
 aaaatatgaa ctctgggtcta ctttcatgta acntatgtta cttctttatc tctaattgtt 480
 ctaaaggcac tatgcccttt gctcttattc ttnggaatta gcactaatca tattctcata 540
 cctgtcttgg cncatacgac gtanagacnt atgatctatg tegtngtat ggtgatgcat 600
 ataaan 606

<210> 1622
 <211> 619
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1622

tgccagcttt gancccttng annnctnnna tgatnccatt gangnccact aagattctca 60
 gctagacaag gttaccatgt tcanagcttg ttngngacag ctgaacagcg tantcttgag 120
 tgatagatga atgaaggatg ggtggttctt ggctggcann aagtctactt ggtatagacc 180
 taatggcgca tctagaagca gacttgacag gttcctagtt tctcatgaat ggcttgctag 240
 atggcccagc agcattcaag ctacacttgc aagggaatnt ttggatcatt gtccaatngt 300
 gcttcgctct aaggagattg attgcnccc acaacctctt aggatcatgg attgctggta 360
 cttgataggt catcaaagaa actgtcatca ttgctgacat ccatcagcaa gccgggtggg 420
 aggatacatc ttaaagatna aataagaaat tgaacacatc ttgagagatg gatagagaca 480
 tttggaatcc ttacaaggca aacgatgatc tgattaacaa ctgatgaaga cacatcaaac 540
 actatccaca aacgagcgaa agaacactga ggagacttgc ngaccaacta tatctgtacc 600

acacattcat tgactttgn 619

<210> 1623
<211> 169
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1623

ccaaagggttc cagaaacana cctagctatt caatagaaca acacaggtag acgaaatgaa 60
acgtacctgt cacgatcttt agcgcaatgg agaacaacaa gctntgatgt taacagagaa 120
gaagagagcg cgagagaata cacggagaag aagagagcgc gagcaaaat 169

<210> 1624
<211> 331
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1624

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cttagcgctt caagcgcgct gagcgccaga agagacanaac tactcgctgn gcaagctgat 120
ggcgcgctga gcgcggtgcat gcgtggcaga ttctcttcca gattctcctc actcgctaag 180
cgggctgatg tctcgcttag cggatgttgc tcgataagca catttgtctc gcttagcgag 240
acaatagcta cagtaacctt ctatttcttc atcttttcac ctganactga agttgaaaac 300
tcattaattc aactggagg ggatatctac t 331

<210> 1625
<211> 297
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1625

cactatctat cttcaatgta gctgaacana atgaatgtca tagacatgac cgatacanat 60
tatgtgatgc acagaagaat ctgttggtgg ttgacttcta agaggaaata atgtcatgct 120
ntattgtcgg gacatcgata caaggattac attatacctt gatgcaatga catatcccat 180

nctcgggtata tccatccact tatccacagt aacatgaatg anacanatat acacgtcaaa 240

gttaattctt annaagcana acatanatta catacctttg gtaacccatc aacaagt 297

<210> 1626

<211> 277

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1626

gctatgcgca tacttcttac anatgttctc ttgcacaaga cattctatta accgaatata 60

tgcacncata tacaatcaag gcagctccgn tacctagaat atntacacgt acttncaagg 120

tgtattngtt acttacatcc cacacatctn ctttggttaa atcacatata tgcataccca 180

nagcattntg gngtaccaaa aattgcacat gtacacctct tgggtatttct aatactata 240

catacacaaa ctntatgatg aatcttgact atctaca 277

<210> 1627

<211> 234

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1627

tcttcatatg cattagcttg ttattatata gacctaacgc tntntaccta ttactgtcaa 60

ctnttactta cttgcattta ctcgttttat canagaagta gtttatgtct atctttaacc 120

atcatttatc aatgatgttc caacaatgcc ttacttctaa ataaaactct gtctaataag 180

caagntccct tgagttgata ctcggtcat tccggttcaa tttaaatact tgac 234

<210> 1628

<211> 591

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1628

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gcactagaca ttctgtacac cgattatatg ctncatcta cacataacgc tattgcgctt 120

gatagattat gtacacgttg attgacatag acttgaccac ttacatgcac cacatctcct 180

tgcaaaaatg cacatacatg catacccana gcattatgtg gtactactaa ttgacatgca 240
 ctcatctagg gatgctatat cctttgatgc acgacataac gatatcttta tattctcctc 300
 tatagacgga gcttgagtca atatgatact cgcaaaaataa gccttaggag cctccataaa 360
 taccttcttg ataaccata acaagagggc ctctgaatca tcaatgtgct gtccaccgac 420
 agctgttcta gctatagaat tggtaggcta tatcaatgac gacaccatga caagacttta 480
 ccatactaata aaacgcactc gcgaatcaag taccgcactc tgctccatga tgcatacgcc 540
 gttaaggatga atgatcngat ctatgccgctc tgattgtgtc tagagacact t 591

<210> 1629
 <211> 403
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1629

tgcacncata tacaatcaac gtagttgcga tagctagatg atatacacgt acttccactg 60
 tgtatatgtt acttacatcc cacacatcta cttgactaaa ttcacataca tgcataccca 120
 aagcatgttg tggcaccaaa aattgcacat gtacacctgt tggcatttct aatacctata 180
 catacactaa ctttatgatg aatctcgact atctacacaa taaggcgcta catctcatgc 240
 tctgtcaaag ttgtgtacct agagccgatg cagatgacag atatttcctt tgtaactaaa 300
 ctgcttcaat agaaggatca ctttttggtg tgtattctta catacatgag atattattga 360
 ttcttggcac attgatacat tatattgaca tactcacatt tgc 403

<210> 1630
 <211> 377
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1630

atgatgaang gatgtcttca gttctcgctc tctntcttga tgccatctgc aagaaaagaa 60
 tgtagactgt cgcaacctac ccttcggcgg gagggcgatg cgngatcat ggggtgcgtct 120
 tcaaagaaag aaaaatgcgc ggagtcacca ccaacgttta nttgangaan acgtcggnaa 180
 aaccgacaaa tgtgtggtct acgaactnta agtgtgaaaa ggtctggann gtgtttacac 240

accgngaagg tatagcacc acgcgtcatc acaaggatga caccttaatc aaggtccata 300
tactcaaatg ttatttcctt ntatgcttta tgctttggat ttatctttgt gcacaggtgt 360
cctcctctcg atctcac 377

<210> 1631
<211> 324
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1631

taactgaagg gcaaaattga tctttcattg aattgctggg tgcaccagca atattgctgg 60
gtgcacctag catatccgc tggccaacgg tcatggttgc ctgcaattct ccaggatgga 120
naactgtagt agtttgtgca agaacctcta tttgtcatat gagtggtgct aggtgcactc 180
aacattatct gttgaagtgg tgcacctact agcacttgag ggtgtgcact tgcactctct 240
cattntgtaa nattcattan atctgtaa atacaatctat acttttata tctaattatc 300
tatattcata taatcgaatc cact 324

<210> 1632
<211> 404
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1632

tgtgactgcc gtgtcttaaa cattttcagt tatannattt gggttttata actctngngt 60
ccatattgga tgctntgaag aataagttag ttaaaattgg ggatctgtat atattntac 120
aagttgggta gctgatcatg tattggaaac tgaagctcag aaacttanaa nagcaactat 180
gttcatataa agnntttggt tattttatta gcctctcatt ggaagcatcc nctgcatgg 240
tnggataatg tangtctgaa agtaaggatg ctgcatatga tgatgtaatg aaagatttcc 300
tttgactat agatattnt aatttgtgca ccttttatca tttctttaga ggctagatat 360
cactacttac tatgaaatag gccccattgt atcacttata atta 404

<210> 1633
<211> 499

<212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1633

atgacncccc tttgangggca cttnatgatt acatttgaag tgcactatga ttctaagctg 60
 cactgtgctg agcatggaac attatgagat aaataaactt ttttattgat tgacatgaaa 120
 tgacagcaga cctgggatca tcggaaagga agatggtgga aagccatgag aatgaagggtg 180
 agaattgcgc ctttgaatac cggtaggcgg aggtgagata tttcttttat tgtggcgcgc 240
 tgttgctca tccaaagagg ctcttaatga aagtgtggca catgataact atagccacta 300
 gacaatgtgc atgtgtatgg caataattgc agtgaattct tattattagg taagtttacc 360
 ctaacctcaa catatggaga tttttaaata taaaataat tatctattaa atatataaca 420
 tgtttattct ttcttagtta cttactgcct tctgtttctc acaaanagat gaccgcggaa 480
 atatatgtn actaatggg 499

<210> 1634
 <211> 606
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1634

tgcgcgtag gccttgtgct cgtgttaggc cttgatctag ctgacaagtc tcaattagta 60
 ttactgaata ggaaacttct ggtttagca ctggtgagaa ttgattgaag tgaacagggtt 120
 gtgcgagcac gaataaagaa aactatcgat gcctaagaga atcaagttgt atttgatgca 180
 cagtgattat aaccaccacg tntctgatta cgctgaatgc atgtatactt gatgcaatct 240
 ttatactatg tgtctgaagc acatgtggtg tagctctgct gcatatatga tgagcaattg 300
 tggatgata natakctc canagcaatc acaatcacat catgtgcagn taactggtag 360
 tgtagtatac anatctaana gttgtatagc ttcattgacat ctactttctg cataantaga 420
 tacataacan aatagacctc agcttcatct tgctaccttt gaacatgagt tcttatatat 480
 gggatgattat atcatttcag cttaaactat atgtcggtat acgtatgtgt cgaaatgact 540
 gcagggtact cttaaataat acctgatggt catgatanga ncatgactga atttcacgat 600
 catgcn 606

<210> 1635
 <211> 513
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1635

tcactcagcg aacatgaact ttgtacgaat tgttctcctg cattggattc attntgaata 60
 ggtgcttgaa aaatttattn tcatatttta ttcactatga tcctttgaga aatgaaccaa 120
 tctcattaag gtgaggacat aataaaattg ttggatacta tacaagccac gtttattcta 180
 catctaagtc taaaattagt ctaggatttc caaatttttg tagccaanaa ggagacatgt 240
 tntgaaagtn taatcagtag tgcanaaatt gagagctacc anaacttata agttgagttt 300
 tgggtggccgt acttttctag agtctttgta tcgctggaat ngatatagcct ttcaacacnt 360
 ccaatgtaaa tcttatctca gacaaatgtg ctaagaaagt cgatagataa tacatcagat 420
 tagagttact acctgattat ntagattata naacctgtat taaatntatc atatcatata 480
 atgctaataa aaaaatttta tatattaata ttt 513

<210> 1636
 <211> 603
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1636

ngt gatgacn naccgatnan gtgcactatg tgactcagct ctgcgtgtca gagatatctg 60
 tagagagaat ggtccaagtg ccagatagcn ttgttgtgcg aatactgact gacaactgat 120
 ctcgattagg ccacttctctg atagcatgat atgatatctg tgagagacct gcacgatcta 180
 tatgttggag agacatcccc actcctcgac tctcatacat tcatggttct tatactgcac 240
 ttgttgatac gaagctgcac acatatggag acgtacaacg atagtgggtat tccttgggtg 300
 acttgatgtt atacctctat ctcatctcat aagtggatgc gacgatgcgc catcntgatg 360
 tgatatgcat gttatgcatg aacggtagaa catgcttccc atgatgtcaa taagcgtctg 420
 cccgatctct atctagtatg cgagcgtagc accgcataca cataggacat ggccagatgc 480
 gcttcgatgc acgtgttgac gagtctgtga tatagctcac ggatgaccgt gcgaactgac 540

atatatgtga catacgtggt gaggcacatt aagacctctc tatgtgcatg tgacataaac 600
tcg 603

<210> 1637
<211> 349
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1637

tcttcagaaa caagtcactt gaagaaatgt gactntngga natgtatntt tcgaaattat 60
tcactggtaa tcaattacca ttaaggtgta atcgatgaca catcaacaga tgtgactctt 120
cattntgaat tntgaanatt taaacgttta gaggctctgg taatcgatta caaatattgt 180
gtaatcgatt acacaagttt anaatgatnt ganaatgtnt aaacccaagt tgtgactctn 240
gaaatttgan atctaacatt ntanagacac tggtaatcga tacatgaata tggaattgat 300
acagctctgt agtcagtttt gaaataatgt ggtactggaa tcgatactg 349

<210> 1638
<211> 368
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1638

gtgccttatg aatcctcccg tgcttatgcc accagtacct ggaatgcctc tcattntgta 60
catgacaatc ttagacgagt caatgggggtg tatngctggg caacatgacg aatccgggaa 120
gagagagcgc gcctgttact acctaagtaa gaagttcacg acctgtgaga tgagatactc 180
cttgctcgaa agaacgtggt gtgctctagt gtgggcatcc catcgccctaa ggcagtacat 240
gctgagctat actacctcgt tgatatccaa gatggaccgg gntaagtaca tctttgagaa 300
gccagctctc acgggacgaa tcgcccgggtg gcaagtcctg ctatgcaagt ntgatatant 360
ctacgtca 368

<210> 1639
<211> 312
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1639

acagggcaga gggcagaaac tctgcccana acacanacca ataccacaac tttgtcttac 60
tcaattacct cagcaacatt ctcttcgttc caattcgttc accgttggaa tcgactcgaa 120
actttactgg agatccctag tacataagtc tacattntga ccgttgggat cttctaggan 180
acgtccagaa cccaatatat acaacccttt tcacaaccag caatgcataa gcattntctg 240
caccaacaca naattctgct gcacacttta acagcanaat tctgcataga agtgcagaat 300
ttcgaaatca ct 312

<210> 1640
<211> 208
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1640

gcgctatccg cagactcaac agaagtcagt ggggaaagag atcagactat gtgcacgaat 60
cttataccca gtgtgttatt gataggacca atagctctgg cctaccctac cgcttaccta 120
gatacctatc gtnccaccatc ccaccatcat tcttgcttat cccctttgac actaaggaag 180
agtttcatga acagttaacc aaagaaag 208

<210> 1641
<211> 528
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1641

aagttctagg agagcattca tctgtagatc aacactgtct ctattattcc atcttctatt 60
acttgactag tacatgtaag gcacttagct tcaacaatag ccgcacacta ttatatctga 120
nagttactac tctatcteta cttttaagac ctgagtatag cagctcttat ttacctgttc 180
atgacaagtt ctgtgtggct gtatctatct taccactctt atcatcctgc aacaatctac 240
ctcanatatg tgacagaatt gctctgaacc ataatgctct tctacgacct aatgaaagta 300
catggagata taacttacac gcttncgtca gctcatcaat aataatacaa agactcatat 360

ggggcangga tcatattcat aacangcagc ttttgctagt gctattcatc atctgacgca 420
 tcattgcaat ctgcgtattc gattcaagat atgacatcat acaattaatg tcttcccgtg 480
 tgtatatact ccagtactgg nacactatat tctctgtcta tatgcttn 528

<210> 1642
 <211> 262
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1642

tctatcaata gacctccaat ctntaatgga gaggggttacc actactggan aaccggaatg 60
 cannatttta tcgaggcaat agatctaaat atctgggaag ccatnganat anggccttat 120
 ataccacca cagtaganag agtttcaata gatggtagtt catcaagtga aagcataacc 180
 atagaanaac ctagagatag atgggtctgaa gaggatagan nacgagtaca atacaaccta 240
 nnagcccaaa acataataac at 262

<210> 1643
 <211> 561
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1643

catanggagc catgccaatg gtagagtgga gactggtatt ataagtgaac tctatcaatg 60
 gaagaaaact actccagcta tccctctgct ctagacacat gctcttaana naganctnca 120
 acgaatgaat ggtccgttca gggtggccat cactctgacg atggcaagct gaacttagtc 180
 taagcttggg tccaacgctc tggttcaagct cttccanaat ctagaggtag atctangatc 240
 tttgtcagat actatgctag atggcacacc atgtaacttg acaacctcac ttatatacaa 300
 agtgggtcaac ttctccaaga naatctgata ttaatgggaa tgaagcgagt tgacttagtc 360
 aatctgtcaa caataaccca gatagaatct aaacctctan gngttctagg gtgtcttacc 420
 acannaatca tgganatact gtccgacttn cactgnggta tctctaaggg gtgtacntcc 480
 gttanngctc tgatgtctat ctaagcttct gaagacangc atgatacaca actactaact 540
 cttcttatag tggccacaac n 561

<210> 1644
 <211> 583
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1644

attgatcgcc atctattang tgcactatga atactaagct tgcacactcg cncaggcgag 60
 ccaagagctg gtccagctcc aatatttccg cttcagtgaa aaactcatat ctcatactca 120
 agatgctata tatatagccc aacgggtata atgtggaaaa gtgtcttacg aacctncaga 180
 gaaaattgaa gacgatccaa cggttaacga atccgagacc gcaattttac tgaaataggg 240
 ttaggtaaaa atctgaaata tcataatttc aacttaactc aacanaattc cacataactc 300
 aacatccaca tcaagaaatt cacacatgac ttattcanac catacctcaa ctcatccaag 360
 tcaaccatat agtcaaataa cacaatanat accantaaac atcgattatt antagtaata 420
 tntcaggggtg tacagaggcc accaccctac angacaggac acctctatat cncgctnaat 480
 actctttgct gaccacaaac aggatactnn gtattngttg tagaagggat cactgataac 540
 tacaccttaa ctctgggact caaatctcat agaggttatg tcg 583

<210> 1645
 <211> 611
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1645

ttatgacgac gctataggac cttgagactc acgctgtgta gtattanatt aaggacaaga 60
 tntntgaatg atctccatga tatcatatct attgaatgaa ctattaagaa gcacgtcaca 120
 tagaaagtgt gatggtgaca tcatgctcta ttataacgtg aaccanattt cctagctct 180
 agcattcacc taattcgctt atcttgatct tcgactctct tttgaactac tcgtngtctt 240
 tctgcctcgt gagctgagtt gaatgacata tatgtacaat aacctgatc aaactaagca 300
 aaaattgatg ttgctcaagc ttctatgcag aacaagtaac taaccaatac tggttacata 360
 ctatcatcga tatggaagaa acaatggcta attaatacaga aaccgcattg tacatataga 420
 ctaccttgcc atgtaccaat taactanggc tcgttggttat ctcagctcca agtacataag 480

tgtctcgtaa atgagcacat agataaggag tgatcaccta tgattatccc aatatgctca 540
 tgcctaacta caagtgtgta aagacacatg acacatcata tgccttaatg atctgcaagt 600
 cgatccntgc g 611

<210> 1646
 <211> 396
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1646

aggctttact agcttatctg tcatgtcgct attcgtctct tatattacaa tagcctttgc 60
 ctgcttagta ttgcaattgg tgtgttgcta tcttcgacat tattttacgc ggttgaagga 120
 attagaattt acaactctga agcagtaaaa acaataatat aattggtaat actctacgac 180
 agttaaatac taaatataaa tatattatct aaaaatataa aaattataat tattgaataa 240
 atgaagaaat ataaaaatag aagtaaagta taattttact atcaaaataa ataactaatg 300
 ctatatgaca acaataacct tgaaggatgt attatgaggg cgaggctgca acatatggtn 360
 tctatatatg tctctattta ttgtaaaaca cacact 396

<210> 1647
 <211> 304
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1647

tatctataca nattgatata taccaatacc cattaacatc acaatcttat tataatgtga 60
 ctataataat aaagccatag ccaaaagaat taatgagaaa ctctgatacc tcaagtacaa 120
 caacacatga ctatgaccat ggcacaaaat cgaaactaga agtctacaca naactagtcc 180
 ctgcacgacc atggtgcaac aaatagtgcg ctatctgac tctggcttgc tctgcagcat 240
 tagaagcgaa cgtattctcc gccaccatct catcatcgaa gatctcatac ttccagtgcg 300
 gatc 304

<210> 1648
 <211> 622
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1648

cttatgactc cctttgangt gacctatgat gctaacctta tactncttat ggtgagagaa 60
tgttagaaca cgcaagggtan agagtgtgta tttgtgatnt ctaattgact tgtgactttc 120
ggttttcttgg tttgananat cattnctaag tgtgtttcat cttgctaatac ttacgtcttg 180
caacagagcc gtgacaaccc atttggggta aaagctgtga gaagaacgcc tgccacaagt 240
acttggaccc agaggatagt tgccatgaaa ggcaactaag cttgagagaa gccagtggaa 300
tcagtaaaat ggttcacgca caacannaca taaatcattg ggacctggaa tcgtgtgctt 360
gtgctaaaga atgcttctgt aatgtgtgtc ttccatacat atctagatac caacattctc 420
ttttccaçac tggatgctga gagtactcta cactactcaa gactatgcat tgtgatgttg 480
atgtagntaa taactgatat actgggccaa tcttgtatct tgatcttata acatcataag 540
agaaataatg gttagaatgt cngcctacta ngactacaat attttataag aaacgtaaat 600
gccctaagat cgcgcgcttc cn 622

<210> 1649

<211> 586

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1649

cgcccactgt gttgancccc tttnagngac ctaaataatgatg acagtgcacg tnctccnnna 60
ntatngagng nnncgaaacgc tctacgatct attttcgttg ctggcgngg accacacttg 120
tattattgat tggatttcga attgtaatcg catcgatatag aaacttgatg tccttatcta 180
cacattgatg gttctataga tcttgtggcg cttaaagcgag ggtactttgt tcttanctgc 240
aacacagttg cagtgaanca tatggttgct gattctacgg cttangcata actgaatcca 300
cgcttacacg tggattgccc atccttatgc atcagaaccn gaaagtatct ttggagtcca 360
cggattaact tatattgtat actatatggc atatgagagc ttcacacggt tcagcttcta 420
tgaattcact tttaanattg tactgttaca tgttgaagca ttctcattca ttgtgctggc 480
ctcgggatta gtacaagatc caatcttcga aagacagctc aactttcgta cctctactta 540

aatgcaaagt gtcaatcacc tccatgagac cgcgcgctcta cgcccc

586

<210> 1650
<211> 662
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1650

atgannnccg nntgnangng cncnnnattg actccccgctg tnangtgcca ctataganta 60
ctcaagctag ggtgatgggtg cgcgctactga tnggtaccat gaggtgttag ctgaggtctg 120
atccacgtgg gtggtgaaga gacagcatgg gcatctcctt cctttcgttt tgcccgtagt 180
gccccgattc tttaggcggtt cacgatcgtg gaagaaacgt aatcaaactt tcctctcttc 240
aatccaaact cgattctatt cccggcacac accagatgcg cagagctgga cggcatgtaa 300
cccactagct tctcatagta gaacactggc agagtgtcta ccatcatggg gatcatctct 360
ctctcaacca tgggaggagc tacttngtgc cgcaaaatcc tccatcgctg cgcatattct 420
ataaaggttt caccctcttt cttatacata ttactgcagt gagtacggtc aggagccata 480
tcagaaatgt actgatactg gcttangaan gcgggtatca gaatctctca cgtacggata 540
tggaagctt canattagag tacacactac cgcactcctg ccagtatctg aagaatgatc 600
acagctttat cttagatgac gccatctaca gagacatatg aatggtntgt gacagcgccc 660
tn 662

<210> 1651
<211> 568
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1651

nntatctaca ntntanaggt atagatcttt attingtatat ataataatat gggttttctt 60
tagnattctt aacataaata gaataaaata tgggagctac tcataaatct atataggatg 120
agctaaaatt aatggctagt aatatctatg tttttcaaga cactcaattc taaataanaa 180
ttatacataa gtgacaatta tagaataaaa gaaatagtac taatatagcc cttttctttt 240
gctttntcta cttcatctca ggagaactct cgagtcagtc taaactccac aatgtccttt 300

gggttctacta tgataacact cggaaatang agtaataact aaatgcactt aactcactct 360
 gggactatta gtgggtcaca taatgtatatt acaaacataa ntcacttncg tattacctgc 420
 actgagtctt gtgggatgaa aatcactaac tgagtcttaa caccaaggaa gttctataac 480
 tcttgatata ctttgtggac ccaagtatta agttccatgg ttattatgga agaaccgaaa 540
 tcaaagtctt ttgttatatt tatttttg 568

<210> 1652
 <211> 569
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1652

ntctttccat cactgacaca gggagcatag acattgacan tcattcatcct ctgtatatta 60
 ctaatacatg tcctttcaag cattanaaaa cttctactct ttctctctcc tatccacctc 120
 anaaatggag ttattccaca nacataatag gccaccagca gcctgcacag aaagaacata 180
 atcctaattg gcagtcgagt ccccccaaat ggcttgccan atactcttat tanatttctc 240
 ccttttttgt tcttgagac agacaangtc cactcttggt ctgttacaat gaacaacana 300
 ttgaangnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngnnnnngnnn 360
 tnnnantnnn nnagncnnnn annnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
 tctnctctct ccttcttctt cctctctccc 569

<210> 1653
 <211> 587
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1653

gattgaaacc cgcttgangt gcaactatagt gactcacgct tgagatgncg aagtngtgaa 60
 gggngannac ttctgcttat atcgttgacc aactatttgt acctggagat atgtcgtggt 120
 ggtcaagaga ccttggtgac gtcaagtggg gtgctatcgc tcacaaccaa gctagaccaa 180

tcccgacca acccgggcat agtcggtcag tgagaacctg tgatgtacct aaacaggcga 240
gctccttgca gtcaacagat attatgaaca tagaccatca agcacggagg ctagtggtgg 300
ctgccagctc gtgaatttgt gaatatgtgg attatggcct cttgtaatcg attacacagg 360
tgtgtaatcg atacgacgct aatatgaaac aggangctag atgctctgga atcgatacca 420
ngggagtatc gataccagtt aaaacaagtc ngaactgngg agctctgtat catacacctg 480
ttatcatacc aagaaggat gtatcatcca gctggatcat accgtgtttc tatcagtcta 540
gtgtatcagt agcttgata tacaggggat cttcccaatc acctagt 587

<210> 1654
<211> 403
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1654

gctacagatt gnnghaaaaga agaatacaat gtagattaat tccattacat attgctcttt 60
ntaatgtttc tattgtttctc ttttgtgaat ntatgctntc caatgtccat ggctagctaa 120
accctgagt tagggttacc tatctatgaa tcctaattct cttatttcaa taaaagtccc 180
attatttctc aattatatta ttgtgttggtg tatactctcta tttgggatng atcacctan 240
aacctgaatt gattaattgt tatgatcgac anacttaa ataatcgacct atgaaataat 300
tggattccta ggatntgcat gaactaactt atccccaagt tactaatctt atagtaagtg 360
taataatctc tggctanact tctttaatta atcctatgaa cat 403

<210> 1655
<211> 397
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1655

tctcctcatg tcgattcaat ctcatcaatt ccatatcatg ttctataac tntccagaca 60
gagtagcaag agacatgtta gaaagatctc ttgattcagt aatgggtgct accttaggtt 120
gccattccat gcttaagcaa ctcanaactn tattgataag aatcttcatt tggaaatatt 180
ttcttaagga tgcaagatga ttaattatgt gtgtgaatct cttttgcatg tctgtatgg 240

tttcattang attcattcta aataattcat attcatgagt taaagtatgt gtcctagacc 300
 tttntcacat ctgtggtcct tcatgggtta cctataaggt atcccacata tcttttgcac 360
 tttgcacatt gacaccccan agtatcatcc attcctg 397

<210> 1656
 <211> 320
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1656

acacgctgcg tgcctttaaa cactgtcatg catataacct aaatgtcatg tatgcctctt 60
 gtgtatgatt atntgaggat attgccatgc tgtgtaaatn cntctgggtgc gcttttgcgc 120
 ttctgcatca tggcgtcaca catgcgttgt atgtgggtct cgtcttttgc catgggaagt 180
 cggaagatcc atatcgtctn tntaactgca cacatanggc actgcgccct caatgcgcaa 240
 gtaaggagag atgatcnttc gggctctcgt gttcataaat gcattcatat catgcattgc 300
 ataaacatct cttcagcatc 320

<210> 1657
 <211> 145
 <212> DNA
 <213> Glycine max

<400> 1657

accactgtca gcatcaatca tacttctctc catgttactg agaacttcat aacaatattg 60
 gagaaaaact gctcatatat ctgggtggaag gacaactgac acataatttt tatatctctc 120
 caatatcata tacgctctct cactg 145

<210> 1658
 <211> 155
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1658

accttcctat catttgcctt tttatactat taaaatcccc tacaagacac caactttnta 60
 taccactact tgccttntc aactntaact cctnccaccc tcttaacctc ctacctctct 120

cacaagaaga atacatatta acgattgtga cttca 155

<210> 1659
<211> 192
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1659

tgctgaccac catagagacc tttgttcttc catgcatcaa cctggagcga ttgagcaacc 60
tgaagcttat gctgcanata tatacaatag acctactcaa cctcagcagc acaatcaacc 120
acagcagant aattatgacc tctccagcaa cagatacaac catggatgga tgaatcacc 180
tagcctcaca tg 192

<210> 1660
<211> 242
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1660

tgcacctgac tgttcaagat tctgtataac atanaagcct acaccttaag atgacttcca 60
ttaaggaaga caacttcttg atccatgcaa ttgctatata cttaattaac aaatacgtca 120
acaatcatat acaaaagtta tctaacagat agaagaaaaa gaaataccat acttacatat 180
caagataaac ataacattag tgaagaattg tgaacagata aatgatgcca tattgaaatg 240
ag 242

<210> 1661
<211> 270
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1661

tagcttgtgt gtgaaagaat acatgttgct atattaaacc gtggagaatg tgaatgtatg 60
tatacatgat tatgatgatg tcttaagaag aatanacaag gctcattatt cttcaagaat 120
aatacaagat tgtttcatca cacaaagtct tgattgaaga gttcttcaag atcaagcctc 180
gcctcacaat gagtgccttc aagtcattca aggcacatgt aatcgattac caatgggttg 240

aaagtgtgta atcgattaca catcatatgt

270

<210> 1662

<211> 400

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1662

gtgcctagct ccttataata tatgtataat gtataacttc gttattatng cattgtcaac 60

attgcattnt ctgtcatcat actngattat gaatttttct tcatcctttt cttttggcta 120

tantaacttt agcancctttc ttatttgggt agactaaatg gtgttttgca ttgaaggttt 180

gctaactctt taannagtgt tctgacagat atgtattgaa accanaatat cctcacgatt 240

catttatcag catgctaaaa gggtagtgct ttaatatcaa catacctaca taccctngtc 300

tttgcttttg ctntctcctc ttgantccag aaccaatggt catatcangc tagcatgaga 360

tcactaatac aaaccatatt tagaaaacta tacatgcata 400

<210> 1663

<211> 639

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1663

gatgancccg ctgnanggct cttatgactc catttgaang ngcactatag antactcaag 60

cctatacant nctgagaagc gctaganact ctctagcata tctcttacac acattttgggt 120

aattgctaaa atgtatagca caatattaga tcttatctat gacttatcac atccttatca 180

ttattagtca atttaaccaa taacaatgta tgtatactta agagagtatg tgctcctaata 240

atctntcttc tctctacaca tattatagac tacttattta tctccactaa agacactgtg 300

tggatctctc acggatgtca attgcanatt gcattgaata tagacaattg acttgcattc 360

taccttatag gtggtcgata ctatataacg actnttcttt gttcttgctt atattgnnga 420

ccatangagc agcacaactc tggcaggaat gtacaatggt ctacaqtctt ctggcattga 480

actaatcctt cttgtcatat tactgatgca cagacatcaa tagcataatc tttgtacgta 540

ctctcagaat gtacttcang ctgagencat gacatgatat attgaantcg cgcattgattt 600

aaacataaca agtctacact gctaatacac tctctgagg

639

<210> 1664
<211> 541
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1664

ctccgagggc atggcatgtn cagtttcctg anatatctan aatctcgtct atgacgatct 60
tttctttctt gaagagtcca cagggtattg tancctcaca cttcatcca cagacttgtc 120
actcctacta ttctttgcag tcttatgact ttctgctctc cttatcattc tntcactaac 180
tatgtctttt tctttatcta gcgccttcaa ttctatatc tagaccatnt tctgacctct 240
cttgtcttga ttactatngg atgacttggc aactatctgc tcggccagnt gtgccacctg 300
gacctcaaag ttcttcagtg ctgactcagt gcttttgcca tctgacatgt accttcatat 360
actgagtcaa ggctccacca gctagtagtt tctggatatg taggtcgtcg tgattgcctg 420
ttgacgccac ttgtcttgtg actgatgcag gcgtgctcct gacttgtata atgacctgtg 480
aacctggatc tctgagatac ttgcctgtga tccataatga tctgagggtc tancgacact 540
g 541

<210> 1665
<211> 589
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1665

tgacccttta ggccttatgc tcgctgtagc cctataatct agctcacgag taaatcngac 60
cgggttgact ggatacaaag actctggccc gtggattaat ttatatcadc aacaatttgg 120
cagatatgaa acagatgcct ccgattatag atgaattcat gcaaacggtg tataccaaga 180
gagctaatac ttcatatttatt gcttaataacc aaaggactga acccaatgcc tcaacgattc 240
agaccatctc ctcatctgtg ntctacaaat cgtggtaagc tgctaccaac agattgagag 300
aactatgtat ctattataga tgaacgtcga tctgcttcat agtcngaaga cacttataca 360
cnagcgtgca ttgctatgaa gtgtaacgaa gcangatgga acaaagtatg ctgatattca 420

cgcgatttga agagctacga tcagttcatg gactnttctc tacatgctan ganggtgngt 480
 ctgcaacaat gatactttga tganagctgc tatactctgca ccgtgtngnn gttagtactg 540
 aagtgtccac acanaaggtg tttccacaaa ggctatacaa cgtgaccnn 589

<210> 1666
 <211> 462
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1666

gtgcaccttt tngctntttg tcccttgagt cacttgatct agctgccagt gtaccttgct 60
 gctgatcata tgagataaag tcgtaccaac aaatgaacta attgtattaa ttgaatatga 120
 gatacttaaa cgttattgcc tataatgtgc aaactgattc atgcggcaac acgtaattga 180
 ctttaagacat gtcagctatg tcatgtgaat tctactctgg aatcatgaat tcttgggcta 240
 catatacatg acttaatgta gcgaaatgaa acaatggaag aatctatgat gtctgttgct 300
 gaatagatga ggacatgtgc gaaatatatg tacacaacgg gtgtgcaaat tggggaaaac 360
 tcttactagt ttactttgcg ttaagtacat gagacgagct ttgtgtgaca atagtttgat 420
 atgcatgcat gtttacctg cactttatga taatcaattc cn 462

<210> 1667
 <211> 207
 <212> DNA
 <213> Glycine max
 <400> 1667

agcttcgacg ttaaatttcg agcttcacga tatattacgc gactcactcg gacttacgag 60
 tgacaagtta tttatcgtag aattcgctac tatcttctat tgtaaataac cagcgtattg 120
 atatattacg ggactccatc ggacttccga gtgaaatgtt attgtcgtgc aaaattgcta 180
 ccagcttcgg tatttaattct ctagcga 207

<210> 1668
 <211> 457
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
<400> 1668

tactcaagct tcgttnccag agcatctctt atttaaagca ttcagcgttg tcttcgtggt 60
gcttacgaaa aacgccattt cttctccttt ctttcttaca agccacttct aacatcccaa 120
gcactttctc catcaccac aaccaccatt agccaccacc aactatcgtt gttctccatt 180
gaaacccac accgagagga accctctcac cgaagcggaa tcttctaact cggcttgcca 240
tttcggtaga gaacgaaacc ctaatctgac ctctcgtttt ttttcgaggt aaacataagt 300
ctatgctcgt ttcttgtag attcatcttg gctttgcac ttttctgact ttggaaccgc 360
cattgtatgt cttatgcttt ctttganaaa ccttagagaa agagactttg ctagtgtatc 420
ctttcatgaa atgcatgtta ttttacgtac ctacact 457

<210> 1669
<211> 279
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1669

cgctgcatgc tntctacttt gagtagattg agatgaattc atcgctatct catggactcc 60
tctaaggaca atagcattat ttcttgcaact gaatagatgg gagctggaag tcatcattct 120
aatcaaagtc ctagcctcag taggggtcat atcaacaaga gcatcccat tggcagcatc 180
aaacatacta gtctccatgt tgctaagtcc ctcatagaaa attaaagatg gagatgctta 240
aaaatatggt ggngaggaca acttgcacac aatttcttg 279

<210> 1670
<211> 470
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1670

tgctggtaca tacgacatcc tcacggatca gtaccaagtc cttgctctct tgcaattctg 60
tgtaaaagga cacaatatag taaggagccg cttgtgttcc cctggccttg taatcttcaa 120
gacctgtaga aaccatgtgt ggcgtctgga ctgcaagaaa aaaacgaata cgtattgtga 180
gactacgatg gaagtgttga aaaagaaaac actcggata aataaatcat tctttacatg 240

tctttttaat aatatttcac gttctgtaag tagaaaattt gttaagagga agcatgtcca 300
 taactatgtg cagggagaga ttagaattcg atttcttgat aggtaaggta tatccaaagg 360
 gtgtcaacag tagtttatat gaatctagaa actgtccagg acctagtggc aaatattaac 420
 atctttntat atatgtaact aanactgcat ctctttctcc aggctcggga 470

<210> 1671
 <211> 391
 <212> DNA
 <213> Glycine max

<400> 1671

attttagtaa tgaccacta acctagagaa aaataaataa atgccattaa cctagggaaat 60
 taataactaac taaatggctg agtgtaactg aaatcggttg caaccaaaag tcaccccaaa 120
 cagcctacaa gtcagtcacc atttggcttc caaaaggct gatgcctacg ttgccaattg 180
 ggcccttatt acaacttgaa ctaaagccct cttagttgat taacccaaaa catatttttg 240
 gtcaccaaac tttaacaagga ttgggccatt atttagacaa actaaacact ctaaaattga 300
 aataaagtgg tgtcatttag tcttccattt gcgccatgat acaactcaaa ccttggactt 360
 tctccttgaa cttggcttga ttcaaata t 391

<210> 1672
 <211> 437
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1672

acgagcgtct cgatatata cgggacataa tcggacatcc gggtaaaaag ttattgttat 60
 ttgaatttgc tcatagggtc tgttttcaat tacgatcgcc tcaatatatt atgggattca 120
 ttcggacatc cgagtaaaaa ttatttgcca ttgaatttg ctacgagctt ccgatntcaa 180
 ttacgagcgt cttgatatac aacgaaaaac aatccgacat ccgagtaaaa agttattgtc 240
 gttagaatat gcttagagct tctgttttca attacgagcg tctcgatata ttacgggact 300
 caatccgaca tccgagtaaa agttattgt catttgaatt tgctcatagc ttctgtnttc 360
 aattacgac gcctcgatat atcatgggat tcattcggac atccgagtta aaatttattg 420

cctgttgagt ttgctac

437

<210> 1673
<211> 451
<212> DNA
<213> Glycine max

<400> 1673

agctatgacc gattctcaac atcatgaaaa ttatgcagtg catgtgagct gatgtagaat 60
atactttgat attgatggtg tttagctgta cataaaaaata taatgtatgg actagttaat 120
ttaagcacat tacacccttt attgactccg tgggtactcgc gagaatacac aagtatcaca 180
ttccttgaga gttgagaccg ctgactcaaa gccagttgta actgtgaggc caagaaactt 240
ttgagcaaat cctgtaggtg aaaagataaa gaaagatggt ttgtgtacaa tattatgcga 300
acacaaagga ttctgtacta taaagatggt tgaaaagatg aatacatatg tgatatgtct 360
atgttgcgag ccttctctat atgctatctt ctatgctata caacccgaat aattaatgat 420
ggaataaaac agattaatgt actgttaatg a 451

<210> 1674
<211> 444
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1674

gagaatcaag tcgtccaagc attgatgctg aacacttcca catatctcgc tttccaaata 60
aaccagtaga caatggaaaa acgcactcct tcgttggtatg ttgggtttatt ttgaaggaaa 120
atactttctca tattttccatt atctctttca tccaactttt accttttttt ttttcattta 180
tctattttctt tattttgttat cacatcttct ctaccttttt ttccttcata tatcccatcg 240
attttttttt ctctctacct tctttttctt ccttaccttg naatctctat ttattttctt 300
ctaattccacc caaaatgaga tatatgaata tgatcataac tctaattcaa attggacatt 360
gcaaactcaa atataattaa actcgactat tgcttaaccc taccattata gagtcgntaa 420
ctttgtacgt tacatttnta tgac 444

<210> 1675
<211> 382

<212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1675

 agcttggagc ttggagttgc ttgctttgag gaagactaat atagctggta tttccaatg 60
 tatgggattt ttatttatgt ttatgtatct ctttaagggt ttgtaagaca cacaagtgtc 120
 aaaagctttg tatttgtttg cttatgtaat ataagtttat attttaattt tgggtgtagtt 180
 aaattatgat gtacttatat actaagtttt ataatttagt aagataatga aaccacattc 240
 aaatctccaa ctcatcacac gtgagttcca catcaagtat aaaaatgatc taattgagct 300
 ctttttgnga gaaaaaaaaac acaaaccata taggtatcac tttaaagctt tagtctcagt 360
 atcagtacca aaattaagtt ag 382

<210> 1676
 <211> 156
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1676

 tgtttcctgc ataattgggt attttgtgtc attntactct caattntgag tccaatttgg 60
 gagaataaga gacctgagan tttagtttag aaaatcagat gacattgttg atgatgattt 120
 gtgatcatat ttgaaattgc agttacaaga aaatta 156

<210> 1677
 <211> 346
 <212> DNA
 <213> Glycine max

 <400> 1677

 agcgttatga tgaatcaaca atgattcaga ggtgttttga tgataacaat gatgacaaca 60
 aaagatgatg aacaaaaagc tcaagtgaat caaagaacat ccatctcaag atcaagattc 120
 aagactcatg aagaaagcct acaacaaga atcaagattc aagatctcaa gaatcaagat 180
 caagattcaa gacttaagag attcaagatc tcaagatcaa gattcaagac tcaggattca 240
 agaatgaaga gaaaactcaa tcaagataag tattaataaag gttttcaaaa ctttgaatag 300
 cacattagtt ttgacaaaa cctttaccac agaggtttta ctctct 346

<210> 1678
 <211> 436
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1678

tgcagcaa at tctaacgaca gataactttc actcgggaagt tcgattgagt cccgtaatat 60
 atcgacacgc tcgaaattta aaaccgaagc tcatagcaaa ttcgaacgac aataactttt 120
 cattcgggaag tctgattgag tcccataaca tatcgagacg ctcaaaatag aaaacagaag 180
 ctctgttgcaa attcgaacga caataacggt ttactcggat gtccgattga gccccgtaat 240
 atatagagac gctcgaaatt tanaaccgaa gctcgcagca nattctaacg acaataactt 300
 ttactcggga agtccgattg agtcctgtaa tatatcgaga cgctcgaaat ttaaaaccga 360
 ggctcgtagc aaatacgaac gacaataact tttaactcgg aagtacgaat gagtcccgtt 420
 acatattgag acgctc 436

<210> 1679
 <211> 299
 <212> DNA
 <213> Glycine max

<400> 1679

aacatccagg taattccaca ttcaatcatc atggactatt tataccaagc atcactgggg 60
 acaggcacia tactctgtgc aaaacacaac tgagaatcgc agcttttcat atacaactac 120
 cccataaaca ttttcttggt tocaattcca taaccgttgg atcaactcga aaattgtact 180
 ggaattctct agtacataag tccacatttt gaccgtaggg atctgctagc aaatgtccag 240
 aaccgatat gcactaccct tttcacaatt agccatacac aagcatgttt ctgcactta 299

<210> 1680
 <211> 346
 <212> DNA
 <213> Glycine max

<400> 1680

agcttagctc aaccttggtc agcttagcgg accaaatcat ccttagatgc aagggttggg 60

cgcttagcgc ttaagactcg tagcttatcg catgaataga actgcgctta gcgcgaggct 120
 tgcgcttatc gaaaggactt attttttcaa aaaatatattt ctaagttatt tttcagtcct 180
 ttttccatga aattgaaacc cttatgttaa gcattcaaaa attggctgat atactcctat 240
 gtacagatta catagcaagt tccaaatgat caaatgcatg agaaaccaa aataacacac 300
 attgaaacta tgttgccctcc cacggagtgc ttctttaacg tcatta 346

<210> 1681
 <211> 357
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1681

agctntataa aacagatata catattccct ttttctattc tttttaaaaa aatgaaaggc 60
 tatatataga gagctagcgg gtgctatacg agtccaaccc agctttaaaa tcaaagtaca 120
 ttaatacctt ctatctatct atttcccaa caaaatttca atgtgtctat atatgcaatt 180
 atacattcag caatgatatt gagttacaaa gcatatacaa aaggatacaa agatgtcatt 240
 gaagctgtga ctctcacgtg aaacaaagta tagagagggt tccttggtta attttttctc 300
 gaatgaaatg gctgctgtga acgaacggct aaatggttat ttggaggcca tattgga 357

<210> 1682
 <211> 445
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1682

taatgccgac ttaatccttg gagatgctct aatgtccgac tttcttggtt gaacatggat 60
 tgcacaacgc ttcttgaagc ctgagtatag aagacgttct gggtctccaa tttagtcatt 120
 ggcgcagtan aggaaatgtg attaacgatt gtcacgtgtc tattttgggt ctgtaaaaaa 180
 gttggatatc cncaaactgt catcgatgt gtactaagta atgtgctata gaaataacgt 240
 gccacagaag tactcacatt atgtttaacg tatctcaatt aatggaggag taaaatagga 300
 atcattctac acacgtttac ggatgctatc anagtttttt ttttatatat attttcagga 360
 acctgaatga cactgaatta tcatttgacg tgtcagagag actatttatt ctaacattaa 420

tattaatggt acactctcta ctatc

445

<210> 1683
<211> 420
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1683

agcttcttaa gcaagtntcc accagattct tacctcaata catcattgca ctaaaaaaag 60
aaagtagcat tgtgtattta tcgctatatc tttcgtaaaa gttttaaaat ttttgggtcta 120
tgtatatact atttatttgt tctaacaagt tagtatttgg agcccaaaaa attatagtac 180
catttagtga tcttagaggt caagaaagga aattagcata atataattca agcaacataa 240
tttgagggaa aaaaggttga gaaaataagt gaagcaagaa ttagcaatag ataagttgca 300
accttgata ctaggtntgg tatgaattgg gcacaatagt atgaatcatt atatatatc 360
attggtcact ttgctaaggg tcatgaattt ctttctatac ccaacataat ttcttctaca 420

<210> 1684
<211> 468
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1684

cgtgtgtatg cactgggtcgt tcattgcccc naaaaagtat atatgagacc ctacatgatc 60
tcatttttct tatagtatct ttcttaaaga gaggttaatt tattttttct taaaagtact 120
tccatattaa tatcacacat gtatctataa ttacttatct agttatcatc ttatgacaca 180
aatccaatgt ttaatgtaaa atactgaaga acacaaaggg aaggtgatga gttgaggctg 240
aggtcccttc tccaactaaa gtgatgaggt attttaccac agaaaatctc acctgtcgat 300
caccagtcct aattcttttg attatnnga aaaatggtag ggtcatggga gaggggtacc 360
acaggtttca ctttcacgtg aattgggtgt ccaaaatgca attcagtgtt gaagggataa 420
aaaactgaat attaataact aaataatggt gaaaacaaca aaattagc 468

<210> 1685
<211> 434
<212> DNA

<213> Glycine max

<400> 1685

gcaagcttac agaaattaaa gtcttattaa gtttagtatg accactctaa ccatccaacg 60
atagacactg tcataccaat taagtaagcg cgtagggcaa tagtgaatga ataaagacat 120
acgaaacttc atagaaatta aaactctctt taagtttcga agagatagta tggtcatagt 180
taaaaaaaag aagaagatat gaagcttcac agaaacgcta taagcttaag cctgtataag 240
ttagcttggt tgattagaat ggagacccaa cactcctcca tctacaatca taaaaacctt 300
tattctaagt tctgatggct gtgcgatcat tctcctacga tgtgttcctc agcttccgag 360
gggaagatac tcgttatggt ttcactggct atctctacaa tgtcctccgg gaaagggaaa 420
ttgacacctt catt 434

<210> 1686

<211> 222

<212> DNA

<213> Glycine max

<400> 1686

tgtcagaatc tggcatatat atatcaacat gacccttttt aattaaataa atatattata 60
tttaataaaa agcccttagt tgtctctgct taattatttc ctttatattg taatctatct 120
ccaaaaaagc ccttttaatt cctaaatcat atccttcact gaactgctct aacatcaatg 180
agtaaacaat cctcgatcac tgcttgccct ctttctactt tt 222

<210> 1687

<211> 318

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1687

agcttcacaa catccaggta attccacatt caatcatcat ggactaacia aaccaagcaa 60
aacagggcaa aggcagaaaa ctctgcccac aacacaactc agaatcacag cttttcacat 120
acaaataccc cagtaacatt tccttcgttc caattcggtt accgttggat caactcgaaa 180
attgtactgg aattctctag tacataagtc tacattttga ccggtgggat ctgctagcaa 240
atgtccagaa ccccatatgt actacccttt tcacaattag ccatacacia gcatttttct 300

gcacttatac anaattct

318

<210> 1688

<211> 445

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1688

gagctcacac aacatccagt gaagtacaca ttctatcatc atggactaac aaaaccgagc 60

ataacagggc aaaggcagaa aactctgccc aaaacacaac tcagaatcac agcttttcac 120

atacaaatac cccagtaaca tttccttcgt tccaattcgt taaccgttgg atcaactcga 180

aaatgggact ggaactctct agtacataag tctacattta gaccgatggg atctgctagc 240

aaatgtgcag aaccccatat gactaccctt tgcacaatta gccatacacc aagcattttc 300

tgcacttata caaaattctg ctgcacattt ccaacaacan aattctgcat aaagtgcaga 360

tttcgaagac cactctgtcc ctcatccaaa ttgccc aaa ttgaatccta caagtcccaa 420

atcatgtatg aatcatgtct aaacc 445

<210> 1689

<211> 457

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1689

ctaagcttct anaagacttg tgtaatcgat taagaataga tggtaatcaa ttaaaacaaa 60

gagttatgca ctgaagatgt ttcttaactt agaaactatc ttctacttc tatatggtga 120

tgcatgatgt acacatagat agattaagac taaaaggcaa caatcaatac aaatgtcact 180

cagtaaggag ttgggcatgt aaaaagacaa aactcttcat agcttgatct tcatgttgct 240

cccttatct ctaacaatct cctcattttc aactttgaag atgccaaact ctaatttcca 300

ttgagtgcac ttggagagggc ttgagagtag agacttatct tatgatagac ctgaaaatga 360

ctaaacacta tgggtgaagag aagtgttaaa tcatatcatc atcataatag agtgggtcaaa 420

taaatgagtc aaactgtatg tataaatgca atacttc 457

<210> 1690
 <211> 402
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1690

agctcggcct caacttctga tgtaaccatg tctcttccat tcgcatggaa ctctctatat 60
 gacatgctcc catcctcact ggactccatc aatcatctcc ctccaacctg cacacacaca 120
 caccaccataa ccaccctttc cacatatggtt ccaatttttt tttgtaacct tttcatgctt 180
 cgatgccatt gcacactcgt aattcacatt tcagaanagg ctaaacaaaa actcatacac 240
 acatgttcaa aatcttcaga atcacaaaga agaacacagt tccccatttc acacggcatt 300
 gctcaaaact gatcctagca atgccttatg gcttatagga ttcaactccc tgcaaaaact 360
 cgttntgggtg aaatgggggtt ccatgataac agaaaaatca tc 402

<210> 1691
 <211> 433
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1691

tcggtttagag aaaatctaca acctcaagag taccctgtgg cattcaacac tcggtgaaac 60
 ttgaaaatct cactctctgg ggtgtgccaa ctgaagttaa gcagagcatt gatcccaatg 120
 gaggacaaga gcattggatg atccaacatg tgcctagcgt tgctattgct gattcgttta 180
 tgggtccagag attagaagaa tttctagagg aggaaaggat gaagatatta ngaattagaa 240
 gatatgttct ttcctcttgg taatatttct atagattgat aattttgtcc cttattcttt 300
 tttcaattat aaaaatgaaa ctgtttccta attactaatc tgattttctt acttttgtct 360
 cccttccatt acttttcttt gtctacatat ctcccggtgc tcatagaagt tagagataaa 420
 atngtcttat agc 433

<210> 1692
 <211> 400
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 1692

agcttgaagg anaacttaat gccttggtca acctagtaac ccagcttgcc atgaataaga 60
aatctacgct tgttgcaaga gtctgtggtc tatgttcttc tgcagatcac catacaaadc 120
tgggtccttc tttgtagcaa tctggagtca atgagcaacc tgaagcttat gctgcaaaca 180
tttataatag acctcctcag tagcaaaacc aataacaaca gaataattat gacctttcaa 240
gtaatagata caatccaggt tggaggaatc atccaaatct gagatggaca agtcctccac 300
aaaaacaaca gtctgtccct cattntcaga atgctgctgg tccaagcaag ccatatgttc 360
ctcctcaata cagcaatagg aaccacaaca gtcaccacaa 400

<210> 1693

<211> 480

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1693

gcttctaagg cacttttctc aagaaagctt ctcaaggaag ctacctagtc tataaataga 60
agcatgtgta acacttggtg taactttgat gaatgagagt cttgtgagac acaactcana 120
gttcaacttc tctccctttt tcttccttca atttcgtgct cccccctctc tctttctctc 180
cctctttctt ttctccatt gaagcaccct ctccaagctt cttatccaag gctcatcttg 240
gtggtgaagc tcttcttcc atggcttatt ccctagtgga tgggcctcc tctcaccttt 300
tctcctttgt cttccgctgc atctccatgg tggaaaatca ccattaaagg acctcattga 360
agctcanaga tccagcctcc atagaagccc cacaagcaag cttccatcac gggcggtccc 420
catgatgtgc aaattcaaaa cgagcacgct ttcccgccat atggctggcc tctcaactat 480

<210> 1694

<211> 428

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1694

agcttgetca ctagcttttc actttcattt gcttttgacc ttgttacatc aacacacttt 60
attcttttat tttctttttt ttaacatata acttgtgtgt tgtgtgtgtt gatgctttct 120

ctctttcttt gcacccaat tagttccact cccccaatt tggggtaaatt ttgctttgaa 180
ctatatgctc tcctagaatc taaacaaggt atcaggagat aattatttaa gttcagggtt 240
caatttatga caaaatcatt cagctcaaaa aggggtgcaaa ggatataatt atcattcaag 300
gtaagctttt tgggtcaaaag gcttgtgtat gtacaatcat ggccttcac atgttctcgt 360
ttatacattt cattctaaaa attagagaat catgcanaga ttattactca cagctagtcg 420
ttcactca 428

<210> 1695
<211> 462
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1695

gtagcttcaa tgcaacgaaa catgcttatg gctaggaatc caaaatttgg ttttaggatt 60
agaaaagcat gaaaataggg atttgtttgt aagaatttgg gctgccccat gattggtact 120
tcgcacctaa gtaacgtggg aaatgctttt caatggtgtg tagatatatg tgtaaata 180
aaggcatga aattctttgt aaagggtgaa ggaatattga ggtcccttcc taaatgaatg 240
tatgatacca cgggattccc ttttgaatgc aagtatgtgc ataagttaa atatcttgcc 300
aatatgcata agtgtgagtg caacaatgaa agtttgtatg gtatatatan tttgagtggtg 360
tgtaagtagt ttgtgatagc aagtgtttat gacatagtta agtgtaaatt ttgacgcaat 420
gccttaagcg tgagaatgtg tggtcttttc aaaatgcata ta 462

<210> 1696
<211> 454
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1696

agcttgggtc gaggtactta cccgttgaag atcgaagaac gatgaagatc gaatgaagaa 60
tgtcgaagaa cggtcgaaaa ccttcgcgaa attcctcacg gaaaacgtta cggaaacgtt 120
tcggaaccgc ctccggttac attttcttca cgaaacaat ttttccaagc aaattcgaaa 180
gagagagaag tacctaaggg gctgaaccct ttttctcttc acttctctcc ttatttatag 240

cacaataggg gaggtggttg cegtccagct cgcccaggcg agccagggtg cttcctccag 300
aagcaacagc cttctggagg aatattctgg agggcccaag tgggcctggg tgctatctgc 360
acccccattn ttactaagta cacctccctc tgcttttttg gggattcttt tccgaaagta 420
ccgatcatat gactntcata cgatacttgt ttct 454

<210> 1697
<211> 438
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1697

tataaagaga catanaataa aggaacagag ggaccgaatg tttgtgggaa agaagggtct 60
ggtgctgcct tcttttggta tagtcctgca tctagatgta tccactttga tctatgacca 120
tggtccacac tctatactac tccataataa caaggtcatt gcttgcgaaa tttgtataag 180
atttttaatt tgtaaaaatc agttccttta gaacaagagc atgattaatt ccgtgtaaca 240
aattgtgtta gttagtggga gaaggctntc ttgttggtga tgtgggttctg atttattatg 300
atgaaataaa ctgcttctcc tgcaccttag ctaatgatag tggtaggttt attggctaaa 360
cttacgtttg tgggtgcattt gagggactnt ggcgatgtat ttgttttccc aaatacaagt 420
ataatggagg catctatg 438

<210> 1698
<211> 463
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1698

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gttaacataa tacttataaa aaaaataaaa ataatgaaac tttttaaatt tagtatcaaa 120
gtgaaacaag acaaacataa tggatcaaaa ataatattaa atctttttat ttttttattt 180
tttcacctct cactcaataa taaaaatata attctattac aaatgaaaaa gttatcctan 240
aaatgtcatc tcattatata cttttacgac aaaattatat ttttatttat attttaattt 300
tttcacttct catttaagca atataaacat attttcatta tatttccatc aaaagaataa 360

tttcaggata cgattaanag gcacattata tttccatcan aaagataatt tcaggatacg 420
 attaanagac acccagatga atagtgccaa tagcaactcc ccc 463

<210> 1699
 <211> 234
 <212> DNA
 <213> Glycine max

<400> 1699

actctcatca atcatctttc tccatcctgc gcacacacac ggcggataac caccctttcc 60
 agatctgttc caatttttta tagtcaccct ttcattgcttc gatgccatcg cactctcgta 120
 attcgcatctt cagagcacgc tagcctcaag ctctgtctca cttgtcctac atcttcagat 180
 tgacatacat taactcacat cgccgtttac acagtattgc tcaaagctga tcct 234

<210> 1700
 <211> 465
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1700

cgccaagaca acgcacacgt nctctnnttt aggtcctttg actnnttgaat atatatcatt 60
 tgtccaatca gtagaatctt ggggtgctttg taaattttgc gaactctctg cttcaaccat 120
 tttattttttt agttcatcct acataaatac acctataaa ttattatcat acatcaatat 180
 cctgaatact tcaatatcac taaacaaaac tcattctccac attagttact cccctcacc 240
 ccataacctt ctattagaaa attgagcaaa acaaagaana agtattgaaa taaaaattaa 300
 aattcttaca attacaatag cagccttttc agtaataatg cttccatctt ttcgagttcg 360
 agtgtcaata taaattttctg ccctagaagg ttgcacttcc ttagcctttg tagtctaaca 420
 ttagttaaaa aaatcaatca tcctatttgt attaagcaat ttaat 465

<210> 1701
 <211> 413
 <212> DNA
 <213> Glycine max

<400> 1701

agcttatgcc tctacagcgc caacttcatt gttaatcacc taccacaaat cttcacccca 60

gatcttgccc caatcggtca cctcatactc gttccttggtg gcaatgccaa actccgtgcc 120
aagccacct ttgactgccca ggtactctct tctccaatct tatacacact cttcacctat 180
ttttatttaa ttctgatgac aattgcagca tggggccatat gagtgccttg tgaacacaga 240
tgacgcctgt gcaattcaca tctggcctca actcgtaagt aacaattgct gtgcctttgc 300
ccctgtcttt ctttctttct ttttcttta ttctttgatt cgggatcaga acttaagaat 360
ggcttttcta ttattataat attatgttat tattacggat tttcagcat cga 413

<210> 1702
<211> 329
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1702

tgatncaaat agggaaatgag aaaagggtata gtatTTTTTTT gaagttttaa tatgttgtgn 60
ttttgntatt gntaaacaga ttgttgggct gcatgaaagt tataactaaa taacattatt 120
ttgttaattg gtttataatg ttgactggac agctgaaaaa ttaaaactgt ggagaatggt 180
taaagtttta atttatatgg atgaataggt ggattttaat gatatatgag gtatcgatta 240
atgatgtata gattaatctt gtttataaga atgattttta tttgggtttg aatagagtaa 300
agacaagaag aaattttaat attttttga 329

<210> 1703
<211> 401
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1703

agcttttgatt tcctttgttc cgganacctt tcttttctca tgtgcacca aaccaatct 60
ccgggttcga agacaacctt ctttctcctt ttgttggctt gtttagcata gcttttattt 120
ttcctctcaa ttgatcttt gactctctca tgaagcttct tcacatagtc cgcctttgct 180
tgaccttctt tatgctttaa aacagaaaca ttaggcata gcaaaagatc aagaggagtt 240
agtgggttaa aaccataaac aacttcaaaa ggagaacaat tagtggtgct atgaatagct 300
ctattgtaag caaattcaac atggggtaaa caagcttccc aagtttttaa gttcttctc 360

aaaactgtcc taagcaaaga tcccaaagtc ctattaacaa c

401

<210> 1704
<211> 447
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1704

tccagattgg tataccatgc cactgctgct ctggctaagc tgtcttgaaa gaaatgcatc 60
aacagctttt cgttcgtaga atatgcccc atcttttggc aatacatccg aagatgacct 120
tttgacatg tcatcccttt gtatttatca aaatctggta ctttaaactt gggaggtgtc 180
gcaatatgcc cttttgcggg cgagtgaagg cgtggctcac gggtgcgctt tccaaaggaa 240
gaaagatgcg cggagtcacc accaacgttt atttgtggga aacgtcggaa aaaccgaagg 300
aaaccggtcg aaatgaaaat tctaagttcg ggagttgtat ttacgtttga ggaaggtatt 360
agcacctctt acgtttgtct cataggacaa caacctattn ttcagaattg tggaaattgt 420
gttatcttaa cttttagttc tttttat 447

<210> 1705
<211> 258
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1705

agcttgaatn tgcgatgatg tgttattgat actactacaa aaaacagttt taacatcggc 60
ttattaacat tggttttgtc caaaaccgat gtaaagttaa acgcggtgac atatttgtaa 120
ataaagtatc cttcttaaca tcggtttttc caaaaaaccg atgttaacta atgatgttaa 180
catcggttat tggaaaaccg atgttaacgt atgataatgt aacattgatt ttttgaaaa 240
ccgatgttaa tgcatafa 258

<210> 1706
<211> 456
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 1706

ntagcttctt taggaatctt ctcaggaggt gatcttagtt ataagagggg tgtgtgtagc 60
taagctctag cttcccaagg aagttttctc acagaagctt ctcaaggaag ttntctcaag 120
aaagcttctc aaggaagcta cttgtctat aaatagaagc atgtgtaaca cttgttcgaa 180
ctttgatgaa tgagagtctt gtgagacaca actcaaagtt caacttctct ccttatttct 240
tccttcaatt tcatgctccc cctctctct ttctctccct ttttcttttc ctccattgaa 300
gcatcctctc caagcttctt atccaaggct catcttggtg gtgaagctcc ttcttccatg 360
gcttattccc tagtggatgg cgctcctct cactcttct cctttgtctt ctgctgcatc 420
tccatgggtg aaaatcaaca ttaaaggacc tcattg 456

<210> 1707

<211> 362

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1707

agctttntga acaacgttaa ggggacatca tgaatgtgcc cttcaatcca aaaacctact 60
aaaaatgaat ctgaaatcca caaataatga accaacaaca aatctacaca atttgcaagc 120
aaggaaagat cacaagccta cgcatcatca ctccaattaa atgtctcggc aattaaattc 180
aaactagata acctcagcag caacagaatt caaattcttc gaattggaac cagaaacccc 240
atcctgtttc gaagtagtct cactctgacc taaaatctgg cctttactca agcctaattgc 300
atccttgtcg ctccaacaag gccggtacag attctctcct cttatggaat atcttccact 360
cc 362

<210> 1708

<211> 391

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1708

nttccacat aactcttcca atctttgatg gagagaatta tgatctttgg gaagtgaaaa 60
tgcaatccta catggagtct ttggatttat gggatgctgt ggaagaggat tatgaaatat 120

atccgctgca tgaaaatccc accatgtccc aaattaaaaa tcacaaggaa agaaagatga 180
agaatgcaaa ggcgagggtca tgtttggttca ctggtgtttc acaaagata ttcacagaa 240
tcagtactct taaatcacc aaagcaattt gggattatct gaaagaggaa tacgctgaag 300
atgatagaat acgaagcatg caagtgtga atttaaggag ggaatttgag cttcaaagga 360
tgcaagagtc agagacaatc aaagaatact c 391

<210> 1709
<211> 449
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1709

agcttatata cggaaaatgt aattatgaaa ttgagatgcc cgaagaaaca ccatttccta 60
gttaaccatg cattaggtac catgttcaat tattttgttt tggtgtgtg tgtttttttt 120
ttttgttaga aatgggttta tgatcccaac atggttggt catggtgcct aacacatgca 180
actaagaatg tagtgtgaag ttccacgctt cccctttttt gtttttggtt tgtagaggaa 240
aacgcaagga tgagcaaaca tgaaaacaaa tggatgcaa ttttgagat caaaaagttg 300
gttgaacgca tatgcatgat gatgcatga ctcatgcaaa atgtgagcct ggaatatgat 360
aacggacaaa tgcaggaacg atatgttcat tatgatgtta tgaagagatg cttatgcat 420
gcatgatatg aacgcattnt acggacacg 449

<210> 1710
<211> 439
<212> DNA
<213> Glycine max

<400> 1710

tatgcgcaca cttctttacg aacattcact tgcacaagac attcttataa ctaagaaaaa 60
tgcacccata tacaatcaag gcaccttcgt tacctagatt atttacatgt acttccaagg 120
tgtatttggt acctacatca cacacatttc ctttgctaaa ttcacatata tgcatactct 180
aagcactttg gctatcaaaa attgcatacg tgcacatctt ggtatttcta atacctatac 240
atacacaac ttcatgatga atcttgacta tctacacaat aaagtgtac atttcagct 300
tttttcaagt gttttttttt actacctaaa gccgcatgca aattcaagta tattttcttt 360

tgctcactaa aattgtattc aaattaaaag ggtattttgt aatgtatttt ctttacataa 420
catgcaacat atttataga 439

<210> 1711
<211> 305
<212> DNA
<213> Glycine max

<400> 1711

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ttttttttct aacatacatc cttgtatcat gtgggcatag aatgtgggtc tggagcacgt 120
acgttctatt ggagcacggg atcataacca cgcagcatga ttttgcgaaa actctagggtg 180
attgtcttca gctagctctt ggtcacacga actgcagcgt ccatacatta aaaataactt 240
acatgggatt cttttatata gaaaaataga agaactcatc agttctatac ttagagcggt 300
aatga 305

<210> 1712
<211> 478
<212> DNA
<213> Glycine max

<400> 1712

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acaatgtgat ttgtgaatcc agaatgtgta caaaccttgt ttcctttccc attagaactc 120
cctctgccag agcctccttg gctaacttctt cctcctctag aagtatagtt tggaggaaaa 180
ccacttttcc tataacatct gcccaactgtg tgattatctc cacaaacatc aagttgaaca 240
aattgagctt atctttcatt gactccgcta ccacattagg cggcaccacc gactccttcc 300
cctctagcat caaaatgtgc agcatcttat tccatgagct tctttgatag agtttacagt 360
tatgccccac ctttgtcgcg gtttgtcgga accaattatc atttctttca tccacaatgg 420
atctccattt acatgcctct tgctctatgt atcttagaat attcatcata aacacata 478

<210> 1713
<211> 592
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 1713

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cacaaggggc ggggtgggatt gaaacatga agcccctgcg ganacctgna gtcctcccga 120
gngcatccgc gcgcatgtga caaagttcct cgacatgcta gagcccattt acacacactc 180
tctctgatga cgaagactcg gcgccctgag acgctcgatt aggaagatgc ctatagaagc 240
tagagcttag ctgcacatac ctctttaata gctaagctca gcgccttgag atgagacgct 300
cgagctgagc tacgcacccc ctataatagg tagacgcacc gccgggacaa aagacatggg 360
gataataaga gagatgggct tagtaciaag acaacgcaga atgccgcgta agacaaggct 420
aacacccgat actcctagag tggcttagt gatgcgccta ggcgagagaa atcctattct 480
aatcatgacc tccaatgacg gctcatctct aagccatggg tgcatatctc cgtacgctga 540
tggagacgga gcgctgcctg gaacctatcc aactcagtgg aggtgaacca gg 592
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<210> 1714
 <211> 421
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1714

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agatgaggaa gtgttgaagg gtgaaacttc ctgcttttat tgttgaccac agagtgggtac 60
ctggagatat gtgcggnngg tcacgagacc ttggggacgt cagggtggggg gctattgccc 120
aaaaccaagc ttgaccaatc ccgacccaac ccgggcatag tcggtcagtg agaacctgtg 180
atgtacctaa gcaggcgagc tcctggcagt caacagataa taggaaaaca agaccacaaa 240
gcaaggaggc ttgtggtggc tggccagctg tgaattttgt gtaatatgtg gattgtggcc 300
tctggtaatc gattaccaag ggtgggtaat cgattacaag gcttaaaaat gaagacagga 360
ggctaagatg gtctctggta atcgattacc acgngtgta atcgattacc aggcctgaaa 420
a 421
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<210> 1715
 <211> 448
 <212> DNA
 <213> Glycine max

<400> 1715

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gcgattgcta ctttccccac cacaaatgcc atcgaagaac acaatgtgta catggcagat 120
tttctccaac tctcatata atgtccactg gaaacgcatg atcaccacca ccacccacca 180
acacgcttca ccttctact ttccctccc ttccatgcaa gatcttcctc gccagggttc 240
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ttttaccaat attttatctc gcaggcactc caactcttcc actccaagac gacgccgttg 360
ctcgaggact agctaagtct ttgcccgaac acgaatccat aatttaatta attattctaa 420
agcctcgaca ttcctcttat tttttata 448

<210> 1716

<211> 469

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1716

cgcttctaca tttatcacct ttatagatgg atgttcgtga tatatgaata tttatttgct 60
tcataacaaa aataaagcat tggatccctt caaagtcttt aaggctgaag ttgagaacca 120
atgtggtaag aaaataaaaa tagtgagatt agatagaggt ggagaatatt atggcaaata 180
tactgagaat ggacaagcac ctggtccttt tgcaaagttt cttcaagaac ataggattgt 240
tgcccgggtac actatgcctg gttctccaaa tcaaaatggt gtggcaaaaa gaaggaaccg 300
aacattattg gacacggtac ggagtatgct tagcaactct gatcttctta aatccttgctg 360
ggctgaagca ctaaagacgg cagtgtatat attaaactat gttccaacca aggctgtcca 420
aaagacacct tntgagttgt ttaaagggtg aaaacaaagt ttgaaacat 469

<210> 1717

<211> 400

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1717

agcttgccac ccagctcgcc cagacgagca ctgctgcttc ttccataagc aactaccttc 60

tggaggatat ttccggaggg cccaagcggg cctgcttgct atatgcaccc tcatttttac 120
 taaatacacc ccttgccctt ctttgggtgat tcttttttcg taaagctacg gaaacttatg 180
 gatttcgcaa cgatacttgt tttcattctg taacgtcaca gaaccttgcg gatgacatac 240
 tcatccccctt tttttactta cggaatgtta cggaacctca ctaattgtgc aacgatgctt 300
 ccttttgatt tccgngtgt cacggaacct tacggattgc gcatcaatac ctctttttga 360
 ttaacggcat gttccggaac ttacaaaatt gcctaattgat 400

<210> 1718
 <211> 76
 <212> DNA
 <213> Glycine max

<400> 1718

ttctctgcga ctcatcatg aatcataaac acttgaaatc atagtggttt ctttcatttt 60
 ccttttctgc ctatat 76

<210> 1719
 <211> 455
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1719

tgctcaccac tactagagga gaagccttta ggttgtttca tataaacctc ctcttctaaa 60
 tcaccattaa gaaaagctat ttccacatcc atttggtgca actcaaggtc aaaatgagca 120
 actaatgcca agattatacg aagataatct ttcttagata ctggagaaaa agtctttgtg 180
 taatctattc cttctttntg agtaaattcc ttagcaacaa gtcttgccat gtatctctca 240
 atgttgccca atgaatccct tttggtctta aaaaccatt tacatccaat ggcctttgcc 300
 ccattaggca tctctacaag gttccaaact ttgttactct gcatagaatt catctcatcc 360
 ttcatgacat cataccatan nattgactct ttacaactct nggcttgatg caaaagttca 420
 ggatcatttt cagctccata ttatagcata ttcta 455

<210> 1720
 <211> 427
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1720

ctctcanagc cttgagacta cacatatcat aaacaacttt ctttatctcc tcctcagtat 60
atatttctcc ctaacatctc aatctcctct tgaaccaaaa ctgtaaattt acctcttaag 120
caaaaagggt aataatctgc cacttcagtg aataaattcc tatagaaaga agtcaccatt 180
tcttctaaat ctatcgaatt aagcacccaa tagccctttt cattcaatag cctagcatat 240
aagtttagatt gctttcttaa nagagtgggt caatgaaagt aatgagaatt cttatctcca 300
aatttaagcc acttgcacca agacttttga aaccacaaaa cttcttggaa caatatctgc 360
tctaactccc cacataaatc ttnttgtagc cttaaattgg acttattatc cttaatcctt 420
caacttc 427

<210> 1721

<211> 366

<212> DNA

<213> Glycine max

<400> 1721

agctttgatc taccaccatc gccgccacca ttatttttagt tcttctctta ttttaaatatt 60
actagtactc tgatttccag ccgtgtattt ggctatatta ttatgacatt tgaacaattt 120
agtatttctt tatttgcatt gtgtgtttga acaattatga attatgttat gtgactatgt 180
gatttttcta tatatttgat ctgggtcatgt ttcttgcttc atgattagtt tatattcttc 240
catgattgtt gtgtgaatga ttagttgtat tagtatgttt cataactcgtt acgcactttg 300
gctttttgtg atgccaaggg ggagagaata gggattaaat cagcactcac atgagtaata 360
acttaa 366

<210> 1722

<211> 173

<212> DNA

<213> Glycine max

<400> 1722

tacctcatgc actcctctaa tgactatggc atcatttctg gcactaaact gctgagaagt 60
ggaaccatc ttctcaatta aatttctgct tcagcaggag tcatgtcttc aagggctcca 120

ccactggcag catctatcat acttctctcc ataatactga gtccttcata aaa

173

<210> 1723
<211> 398
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1723

agcttgcttg tggagcttct atggaggctg gatctttgag cttcaatggg gtcctttaat 60
ggtgattttc caccatggag atgcagcgga agacaaagga aaatagggtga gaggaggcgc 120
catccattaa ggaataagcc atggaagaag gagcttcacc accaagatga gccttgata 180
agaagcttgg agaagatgct tcaatggagg aaaagaaaga gggagagaaa gagagagggg 240
ggagcacgaa attgaaggaa taaaagaggt atagaagtgg aactttgaag tatgtctcac 300
aagactctca ttcatcanag ttacaacaag tgttacacat gcttctatct atagactagg 360
tagcttcctt gagaagcttt cttgagaaaa cttccttg 398

<210> 1724
<211> 416
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1724

ngagatgagg aagtgttgaa gggtgaaact ttctgctntt attgntgacc acagagtggg 60
acctggagat atgtcgcggn ggtcaggaga ccttggggac gtcagggtggg gtgctattgc 120
ccaaaaccaa gcttgaccaa tcccgaccca acccgggcat agtcggtcag tgagaacctg 180
tgatgtacct aagcaggcga gctcctggca gtcaacagat aaaaggaaaa caagaccaca 240
aagcaaggag gcttgtggtg gctggccagc tgtgaatttt gtgtaatatg tggattgtgg 300
cctctggtaa tcgattacca aggggtgggta atcgattaca aggcttataa atgaagacag 360
gaggctaaga tggctctctg taatcgatta ccacngcgtg gaatcgatta ccaggc 416

<210> 1725
<211> 429
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1725

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agctntctca acaagcttct ttgagaagct agatccttat ctatccacac ccctctatta   60
actaaattaa cttccttaaa aataattacg gatgaaaata acgcaacaaa taatcaaaca  120
tcaaacataa ttactaacia tatatagata tatatatcag ggtggtacaa ggagtgcatt  180
ccttgcaagc taccttggaag agagcccatt atttatcaac aattttttaga ttagccttgg  240
ttgcttttgg ttttagtctt cttggaactt cagaaaggat aactagtctt ttagctacaa  300
gtgttgctct agccttctta aaagcaagag atgcttgctt ctgagtattg accttccttt  360
tctgtagaac aagttgaaca ttatcaacat cgttatcctc agtttcactt cagtttttca  420
acttctaag                                     429
```

<210> 1726
<211> 470
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1726

```
ntatatagac ttcanagctn tgatccattg agagatctca actagccgnt gtctaataagg   60
ttaggtgctt tacacgaggc atgttattat gcagagagag agtgtggggac cacaacatc  120
ttctgcagtg tatcttcata gaagtacaac ttgtcagtgt cgccttgtgc tcaaagttga  180
cttttagcat acaattcaaa tacaacgtta atagcatagg acaaaaggaa taaagaatgc  240
aagacaagac aatttgaaac ttccctctta tgcactatgg cacaattgc ttactgaacc  300
atggacctta ctttctgatg attatttcag aacttgagta ttaagtaact attccatttc  360
ctttggacta tgagccaagt gctaaagcac ttgtcttctt agaactgggc actaaggcaa  420
tatcatccaa tggctaatac tttatctatc gtccaaaggc tntctactcg               470
```

<210> 1727
<211> 457
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1727

agctnnggatt ggattgggtct gacgaggatc gatgttttagt aatttaggct acaacataga 60
acacaaaagca tgattgatta gagaaatata tttatatgca ttagcttggt tgtagaaaag 120
acccaacatt tctacctact gctctcactt ttacttacct tgcattttat agtttttagc 180
ataaagggtt agtttaaatt ctgtttgaaa ttatcaatca tacatgttct ctcaacaatg 240
cttcatttat gaacttaact caggctaaca ttagttccct gtgttcaata ctcagattca 300
tccgttntaa ttnttaaata cttgatgatc cgggtgtgctt tccggcaaac cgggtttccc 360
atgaatatat gtgtacgaag aataagtga aaaaaagta accgcagggg aaatccaaca 420
aagtgttaatt ctcanatgat caaagntcaa aaaatga 457

<210> 1728
<211> 450
<212> DNA
<213> Glycine max

<400> 1728

tataagaaac agaatgccta aatcatttcc aaatatgcat gtgaattagg aagcataaac 60
aagaataaag ccaaggctat tgtgcaagca atcaatgggg caaaacacac caaaagatta 120
tgatgatgga tggctcaaat tcttaciaag gtaaacttat cactttcaaa ttgagctttc 180
aaaactatca tgacatgtag aggaaaaaca atgatttcaa atcacaaaat gtctagagac 240
ttttattttc agaacaatta cccatttctt gaacatatcc tataattcaa agaaaaatat 300
gcaaagttgt acatgcaaac agaattgacc tataatatta aactagagac ccaacaaaac 360
taacaaaact aataaattta acacaaacta actaaaaaaaa attactaaac ccaaaccaaa 420
gaacactctc cccatactta aacaacacat 450

<210> 1729
<211> 403
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1729

ataataatat aatatatata tcctaattgtc acatcctatc agagcgttgt gttcccgtgt 60
cctctagcat gaggttcttc atagtcatcc acctattcat ctactcccc gaacacaaag 120
ttcaagatca ttacaggatc taaacacaaa caacaaacta ggagtgtgtt atcacattcc 180

taactactag agagaaataa gacaacatat agtagtcaaa tacaatttac ttagcatatc 240
tcacattatt tcatcactgt gtcattcaaa atatactttt caatcatcaa tcacaataca 300
caagaatcac aactnccgat caagacataa taacacatca atttcataat atacaattag 360
caagcgtatg caacagttat gctaagactc aagcctatat tgc 403

<210> 1730
<211> 451
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1730

cttgcttaac tcttgattct ttggcatcat caaaataatc ttggaaggca ttgctttcac 60
aaaactttat atgaaactac tcctaggatt tgaaggatgg aacaataata gtgtgtatag 120
tcagaattcg tagttaaaga ccttgggcag ctacaacact ttctctgtgat ggaagtgacc 180
agaagcagga aaggtatctt catctcccaa acgaagtaca ctattgattt gcttaaagaa 240
atagggaaac taggaagcat acttacagta ctatgaaata caccattnta tgaaatagta 300
tactgaaata taaatccagc tgctctaaag gtttattatc ctaagcagct gttagtgtca 360
ccaaccccaa ataactttag tgggatgact attatattga agactatagg tacaagaata 420
aataattatt taactntagt gggatgatca t 451

<210> 1731
<211> 311
<212> DNA
<213> Glycine max

<400> 1731

agctatcagc tagtgcaact ctttcacaca gtggattcta tgctgaaagg aacaaagaat 60
caccgactaa ccatgaggtc cagacatgat tgagcaatcc taaatgcaca ccacattggt 120
gaagatatag cctgtagaat aagatgatct gaatggggga aggaaagctc agcatccaac 180
ccttactctg aattggaaaa gaaaaactat cagataggcc tgctatgggt ctattagaaa 240
cagaataaaa ttagactatt aatttaaata cttgaattgt aaaaaagata atgctagatg 300
ttatgagatt g 311

<210> 1732
 <211> 462
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1732

acactataaa actcagcttc ttggaggctg gatctttcatg gtgattttca gccatggtat 60
 tgcaacgaaa gataaaggag aagaggtgag aggaggcgcc atccactaga gaataagcca 120
 tggaagaaga aacttcacca ccaagagagt gtcttggata agaagcttag agaggaagct 180
 tcaatggagg aagagaatga gagagagaga gagagagaga gagagaggcg tggaaaatga 240
 aggagaatan ggagagaagt tgaactttga agtatgtctc acaagtttct caatcatcaa 300
 agttgtaaca agtgttacac atgtttctat ttatagccta ngtcactaac tttgtgaatt 360
 tcattttcat tntatatgaa tctannagga atattccaag aatatgttaa aggcatctta 420
 gcatattccc tttagatatc acaagcatgg aagatgtgac tc 462

<210> 1733
 <211> 442
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1733

agctattgcn tacaaccttt tctccccctt tggcaacatc aaaaagccaa agaactcgga 60
 aatcaacaca gttataacaa tggagtagca agatataagt atcagagtat taaatccaat 120
 aagccaaact cataatcaag aaaataatca aaccagaatt caaataacat aaaatgtcaa 180
 caatcacaaa atatccaaga ccgaaacaca agaaaaataa gcaaagtact tagcataata 240
 atgtaaattc taagaaacta aaagccaaaa tacacggctt ataaaagata aataagcaga 300
 atctaaaatc taagaagacg gaggaggtgg tggaagatca aaactctgac gaatgtatcc 360
 gacatcctct tcaagctgtg taagacgaat gtccataccg gcaaagcgtg aatctaacga 420
 gtcanagcgg tcaccaacat ac 442

<210> 1734
 <211> 429
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1734

agctntgaat gctctattca atggagttga caagaatata ttcagactga tcaacacatg 60
cacagtggcc aaagatgcat gggagatcct gaaaaccact catgaaggaa cctccaaagt 120
gaagatgtcc agattgcaac tattggctac aaaatttgaa aatctgaaga tgaaggagga 180
agagtgtatt catgacttcc acatgaacat tcttgaaatt gccaatgctt gcactgcctt 240
gggagaaaga atgacagatg aaaagctggt gagaaagatc ctcagatcct tgcctaagag 300
atttgacatg aaagtcaatg caatagagga ggcccaagac atttgcaaca tgagagtgga 360
tgaactcatt ggttcccttc aaacctttga gctangactc tcggataggg ctgaaaagga 420
ggcacatga 429

<210> 1735

<211> 418

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1735

caagagaaaag aacatgtgat tagaactttg actgagaatg ttagtcagtt tgtcagattg 60
attgtgaagg aatgcattga tcgtatcccg gtgagagtgt gatctttata atttgagaga 120
aacgactatc atttagtact gatttttgca tgaatctctg aagtatggac tgaatgcatg 180
aaattgagga tgatgaaggc catgtttgat tgtgatagcc acttagccaa aaagctaacc 240
gcgtgcttga atgaattatc ccttgacacc agtttaagct gaatgaatta ttgattgagt 300
gaaccttgag ccatacagt gttatcttct actaccttgt cttaggttgt aggagagcat 360
catccacagg aagcttggtt caatgtaaat ntgtcctata tttgggggag taattatc 418

<210> 1736

<211> 436

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1736

agcttctagc caaatggact taccttgaat taattccttt gatagccctt ttcagccttg 60

tgtccctttc cttgttttga agctcactac aaaccttaag tgaaaaacca tgatattacc 120
 atataccttaa ggaatttttg agcttttgaa ttgttttggg aataagtgtg gggggttttt 180
 gtttcattgg acaacttggt ttgttggtga tgcttcatga tgtatttttg gccatacttg 240
 atgtacattg tatattgggt aaatggttga catgctgaat gaaatgttgt ttctcaaagg 300
 ctaaagagta aaaaaaaaaa aaattcgaan aaagaaaaag aaaagcaata aagttgagtg 360
 aataagatct taaatggcac aagaatgatg aaactttngg ttctactctt catgggttaa 420
 tnttatcttt acttct 436

<210> 1737
 <211> 463
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1737

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 tacctggaga tatgtcacgg nggtcaagag accttgnnga cgtcaggtgg ggtgctattg 120
 cccaaaacca agcttgacca atcccgaccc aaccggtgca tagtcagtca gtgagaacct 180
 gtgatgtacc taagcaggcg agctcctggc agtcaacaga taaaaggaac aaagaccaca 240
 aagcaaggag gcttgtggtg gctggccagt tgtgaatttt gtgtgatgta tgggttgtgg 300
 cctctggtaa tcgattacca aggggtgggt atcgattaca aggcttataa atgaagacag 360
 gagactaaga tggctctctg taatcgatta ccacggngtg taatcgatta ccaggcttga 420
 aaacgaggtc aggaagctat gagnggcttc tggtaatcga tac 463

<210> 1738
 <211> 455
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1738

tgcttgaagg gttgtacatg accaaatctt tagttaatcg tctttacgtt tagcagtctn 60
 tgtattcggt taaaatgcat gaagataaat cagtacgaga acaattggat ttgtttaata 120
 aactgattct tgatcttgaa aatatcgatg tcactattga tgatgaggat caagccttgt 180

tattgttgtg ctctttgctt aagagttact ctcatttcaa agagacttta ttgtttggaa 240
gagactctgt ttctcttgat gaagtgcaag ttgctctgaa ttcaaaggaa ttgaatgaaa 300
gaaaggaaaa gaagtcttct ataagtgggtg aagggctgac agcaagagac aagaccttca 360
agaaagatag taaatctgat aagaagaagc ataagccaga taatcatatg aatgggtgaat 420
gaaacatggt caaatcaat tgtatcactg taaaa 455

<210> 1739
<211> 472
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1739

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agaattatca gacactcaca agctctgatt tgatgggatg atcatctggg tggaccccg 120
tacaccttat gttcactgaa gagaatgaaa gaacaaaagg gtaagtaagg cgaaactcaa 180
actcaaaatt aaaacagtga ttacaaaaac agatgcgtnt ttgagattac atgcaagaag 240
ggtagatgtg actttggcga ggatgaagag ggaatgagcc cgttgaagag ggggcatttg 300
ggagaggggt tgagggtcgg agagagacaa aaactcgta aagtgcgttc ggagttgttg 360
aaggttgag agagtgggtg tgactgaatc cataaccggt tcgggaactg caccgctctc 420
acttnccttc accatntca aattcagagg ttggagagaa agggatacca ca 472

<210> 1740
<211> 377
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1740

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gacttgagaa acaaaagggtg atcaaataac aacagaaatt taaaagggtac taggttgctt 120
cctagtagca cttctttaac gtcttaagct ggacgcttga tgagttgtcg atcacggacc 180
tagtactttt gcttaccttt ggcgttggac ttggtcgcct gctggtcgac cacaggttgt 240
aggcaacgct ccagcttttg tagatgagct aaagggcttt ggaggtggcg gcggtgcgtc 300

tggtgcctgc tgtcggccat cccagggctg ctgtgggtttt cgcctgcgc ctacactggg 360
gcgagcact tcttgat 377

<210> 1741
<211> 464
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1741

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acctggagat atgtcgcggg ggtcaggaga ccttggggac gtcagggtggg gtgctattgc 120
ccaaaaccaa gcttgaccaa tcccgaacca acccgggcat agtcggtcag tgagaacctg 180
tgatgtacct aagcaagcga gtccttgga gtcaacagat aaaaggaaaa caagaccaca 240
aagcaaggag gcttgtggta gctggccagc agtgaatttt gtgtaatatg tggattatgg 300
cctctggtaa tcgattacca aggggtgggta atcgattaca aggcttanaa ttgaagacag 360
gaggctaaga tggctctctgg taaatcgata ccaaggggtg taatcgatta ccaggctcga 420
aaacaaagtc agaaagctta aggagcctct ggtaatcgat tacc 464

<210> 1742
<211> 408
<212> DNA
<213> Glycine max
<400> 1742

gcttgagaga ttgtatctag gtggttgctt ttccttaga agcctccgat gcaatatcca 60
tttggactct cttcgttato tctcctcta tggctgcatg tcaactgaagt atttctcagt 120
gacctcaaag aatatggtaa ggttgaatgt ataactcact agtatcaaac aattgccttc 180
atctattgga cttcaaagca agcttgaaaa gctacgtcta gcatacactt acattgagaa 240
cttaccaaca agtatcaagc atcttataaa gctgcgacat ctagatgtaa gacattgcag 300
ggagcttcga actctaccgg agcttcccc gtcactagaa aactagatg ctgcgggatg 360
tgtatcattg gagactgtaa tgttcccttc tactgctgga gaacaact 408

<210> 1743

<211> 283
 <212> DNA
 <213> Glycine max

<400> 1743

tagccctgat cagccttggtg acccttgcct tgctttgaag ctactacaa accttaagtg 60
 aataaccgtg atattaccat atccttatag aattttggag ctttggaatt gttttgggaa 120
 taagtgaggg gggtttgtgt tcattggaca acttgacaag ttggtatgtg acatatgcca 180
 tggatgcact gccttggcat acatgatgat caatgttaat gttggacagg cagacttaca 240
 tgctgacctg atagtgtca agagctatac actcaaatat acg 283

<210> 1744
 <211> 397
 <212> DNA
 <213> Glycine max

<400> 1744

gttgatgcac aatggcgtct ataggtcttt ataatcttgt cgaatcattg acattaggaa 60
 tattctgttc cttccgtgta ttctggatga ttaaattgct cgagtgtacg acaaagcggg 120
 taatctataa tgctgcgtg ctacaggaaa ttgtggagtt caaactgaat tttctgtaag 180
 cataggtttg gttcatggac tggattatat attttgcctc ttgcacgttt ttctagatga 240
 ttaaactcgtt cacatttgga atacagtgt aaatctataa tgttgtgcgc ctgcatccat 300
 atccccgaaa attgtggagt tcaaattgca atctctgtca gcatagatta tgcttacgga 360
 ctgaattatg ttatgaacgt gggctcttttg tatggct 397

<210> 1745
 <211> 316
 <212> DNA
 <213> Glycine max

<400> 1745

aggcaccgc cgcattgccc ttggaattac tacgaattat tcactttgag aaccttttat 60
 atcttgtact ctttaaataa ttgagatgcg cactactaac acttaagaga ccttctctgat 120
 attaccatat cataattgga tcatggagca tggggaatgt gtatgcaata attgggcagt 180
 atgcttatat atgtgtacaa cttgttctgt tggctatgct gcatgatgta ttctgagcca 240

tacttgatgt acattgtata tcggataaga gaagcacatg ctgaacgaca tgttgtttct 300
cagaggctac agagta 316

<210> 1746
<211> 464
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1746

tcctctnttc ttcggttggc cggggcggtc cttccgtgga caaaactatt ggttgtgtcg 60
cgatgttggg ttgaggcaac gtgctgggtg ccggcccttc gaggatcggg ggatagaact 120
caacatccct tcgagcataa tcttgagggt ctttgtgggc ctcgtcaggc tgttgaggag 180
gttctctttc aaggacggga gaagcaatat ggaccgcacg gtcttgcaag acgggtgggtg 240
agtagttggg cggcaatcca taagggtgaag ccgctcggtt gtatcccagg tgagggctgc 300
catcgtgccc cagtgtgtcc cttcacgctc ctactacgtt tgagggagga tggcgcgag 360
ttgccaagag agttgggtct gcttcggcag ccgaactgat agcggcagcg gtggccacat 420
tcttttccat gagctgcctc atccctaaca taggcttcat catg 464

<210> 1747
<211> 417
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1747

agcttgtaat cgattacaac atttgtgtaa tcgattacca gacataaaaa ttcaaatttc 60
aagtctcaag agtcacaact cttcagaaac taattgtgta atcgattacc acatttatgt 120
aatcgattac caataaggaa ttttcgaaaa gtacacccaa gagtcacaat tgttcaagaa 180
gtttttgaat ggccatcaaa ggcctataaa taggtgactt gngatacgaa attctttaga 240
gttttttctg aacaacattg tcttatcctc tcaaaaccaa attgtcttat cactctcaaa 300
atattccttg gccaaaacac ttgcaaattc aataaggaat cttgatcgat cttcaattgg 360
aatatccttc tcttaaagag agaaaatgct tcttcttctt attcaaagag atctgtt 417

<210> 1748

<211> 429
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1748

ctacatttgt taagttgtct aagggtggtcg tacaactgcc ctagttaatg aggaccttgg 60
 acaccatgaa tatggcgacc acaatggaga taatcatggg gtcttcctcg tggatagggg 120
 tgatgccctt gaagtcttta tcaatggaaa tgggtgggagg gagacttcat agtgatggta 180
 tgttaacaca gttgatgtcg atgtcctaga tgacatggag gtgatgccta cgagactaac 240
 tggactgccc tccataggaa aatcttcccg taatgggtatt gattacacct ataattagtt 300
 ggatgagctc attntcctat tcttgaggag gttcatgctc gtgtctttgc tggatgagcc 360
 tttgtctccc tctatcttat gctcgatccc ttcttctgtc gacatgttga ttctgtgct 420
 agtcctcat 429

<210> 1749
 <211> 398
 <212> DNA
 <213> Glycine max
 <400> 1749

agcttagcta cacacaccca tctaaaaact atctctcacc tccttgagaa gcttccttga 60
 gaagctagag cttagctaca cacaccctc taataactaa gctcacctcc ttaggaagag 120
 aagctagagc ttagctacac acccctataa tagctaagct caccctcatg acaaaatata 180
 tgaaaatata aaaaaatcct actacaaaga ctactcaaaa tgccctgaaa tacaaggcta 240
 aaaccctata ctgttagaat ggccaaaata caaggcccaa aagaagaaaa aaaaacctat 300
 tctaataattt acaaagaaga gtggacccaa ccttgaccca tgggctcaaa aatctaccct 360
 aaggttcatt agaaccctaa ggccttcttt atcagctc 398

<210> 1750
 <211> 424
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1750

tctccctctn tntcctatta atagggggag gagggtagaa cataatattc aaccctcctg 60
gtatctgaga atcacttana attagtgaga aaaattatth tegtgaagaa natccaagcc 120
ggggtgcttc cataatgctt ccgagagggg tctgtgggag atttcgtgaa gaatttcac 180
cgttcttcat cgntcttcgg tcttcaaccg gtaagttccc gaaatcgaac ttttcaattc 240
attntatgta cccatagtga tccccacttg tttcgcatgc ttttattttc atttcattta 300
ctttccgtac ccccttttga cgtgctttag tcattctatt taagtcattt tctgcctaa 360
tcaaaaataa aataaatttc caccgatcat ctttattgta acatacttta atatctttta 420
aat 424

<210> 1751
<211> 458
<212> DNA
<213> Glycine max

<400> 1751

tgctctatta agacaaagaa attaaagata ttcaggattg atgatcaaga cagtctctag 60
agtcttagga aggggtatatt aaataggaag ggaatcccaa ttgacgtatc aaatggtttg 120
gccaagatat ttaaattaat aaagttgttt ttcaagagat ttactctctg gtaatcgatt 180
accagagaat gtaatcgatt accagtggcc aaaaatgatt tacaacagct attaaaattt 240
gaattcaaat ttgcactgtg taatggatta cacatatatg gtaatcgagt accagcagtt 300
actgaacatt tcaattcgca ttttatagct tgtaatcgat tacacatata ctgtattcga 360
ttaccatagg agaatttcag ataatattct caatagtcac atctttttat ttcattctta 420
attgccatcc aaggcttata tatatgagac ttgagaca 458

<210> 1752
<211> 457
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1752

tgtgagagct gaagacttct tcagacatgt agaactgggg aagactgaca acccaatagg 60
ttcaaacgtg actcaagtgt ttgttgatca actatcacga ctaaacacgt tgggtttgaa 120
cgctccccac actcaccctc gaggcactga gatccttata gtccttgagg gtactctcta 180

tgttggattt gtgacttcca atcaagatgg aaatcacctc ttcaacaaag tgctgaacaa 240
 gggatgatgtg tttgtgttcc caattgggtct cattgatttc tgcattcaatg tgggatatgg 300
 caatgttgcc gccattgttg gtcttagcag ttaaaatgca ggaggcatta ctattgcaaa 360
 tgctttgttt aaagctaate cacctatntc ttctaagggt ctcaccaaag cttgccaggt 420
 ggacaagagc ataattgatt atcttgaana gcaatct 457

<210> 1753
 <211> 365
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1753

agctattana ttgttctcat ggtggacatg atgtggccta ataatgcagt tctcagttgg 60
 ggatgatgaa gttgtgatgg ccatatcagg ttatgcggac ccatatttaa atcctttgtt 120
 ttaaaatatg cagttgtttt aagtaaaata catgtcaata tgggccttat tttagcatac 180
 atacatctct tcttactaat gctcatagtt gtcaatagca caccaaataa cagcgctatg 240
 acagaattga gaagctctgc ttcacagttt gtagtagtgg cagttgtgat tgtgatggca 300
 gacataatta cagaaaagtg tggctggagg ggggcactat tggagcgggt cacaaagaaa 360
 accta 365

<210> 1754
 <211> 437
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1754

ntaaaaggca attcagggct ctaatggctc gtcgccatca ttagtcttcc acctaaattc 60
 acctatttat cgtcgccacc tgaagcgtct ctacaaagaa agcacaaagg caccaagaag 120
 aattttcagt ccaccagtac cggataaacc agcttgcgta agaggaataa gagaaaaagg 180
 ttntgttact cgcctgtggt taaaggttta ctagggaaga agcatgaatg tgaagggggg 240
 agaaaccaac cctcgaaagc atcttgacaa actcttcatg tagagtaaag agtcacccat 300
 tatgatttat gcagaggtaa tgctaaaaaa aacaggtcaa taaaattttc gatttatggt 360

atgaagaana attaaaataa ggtgcaacca tgcctaaaac attccttctg agttctaagt 420
cgcaaccatt tactata 437

<210> 1755
<211> 388
<212> DNA
<213> Glycine max

<400> 1755

agctatacag cagaatttag taatgaccca ctaacctaga attaaaataa cttaatgcca 60
ttaacctagg gaattaaaaa aaaaaactta atggctgagt gtaactgaaa ttgtggcaac 120
caaaaggctg atgcctatgt tgccaattgg gcccttatta caacttgaac taaacctaac 180
caaagccctt ttagttgatt aaccctaaac atatttttgg tcagccaact ttacaaggat 240
tgggccatta ttacacaaa ctaaacactc taaaattgaa acaaagcggg gtcatttagt 300
cctcctccat ttgggccatg acacaactca caaccttga cttttctcct tgaaacttgg 360
gcttgtattc acacagtatg gacaacac 388

<210> 1756
<211> 403
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1756

tctggtggga catcttgact tgctttccaa tctgacattc atcacanaat ctgccttctt 60
ctatnttcag attgggaatg cctctaacag cacttttgtc aaggaatttc ttcattgcctc 120
ttaagtgcag atgtccaaac ctttgatgcc atattctgac ttcattcttct ttggaggata 180
gacatgtgga ggagtagctg gtttcttggg gtgtccatag gtaacaaatg tcctttgatc 240
tgctgccctt cattagaact tcaactcttct catttgtcac caagcattct gactttgtga 300
agtttacatt gaatacttca tcaaacagct gactgatgct gatcaagttt gcagtcagtc 360
ccttcaccag cagtactttg ttcagactag gaagtccatc atg 403

<210> 1757
<211> 405
<212> DNA

<213> Glycine max

<400> 1757

agcttgcttc tacacttgac tcagtcatat gcctattggt gttaagacaa agtaaattat 60
gtatgaattt aaaacaataa cttaggaat taacaataat ctaaattgac ttacagaatc 120
cacaactgta taacaaagat gttgagacat tgaccatcgt gtgctatttc agagagatct 180
tcatgcttta tgtacaaggga gaagtcttca ttaaacactt cgaacatggg agcatccac 240
ataacctgca acagcttcaa aaaaagctga gggatgggtca atgtcatcag atatagggga 300
tcatcaacct catgatctgg cctatctgca ggttttgctg gtcccatagc tccctcactt 360
acagaaaaat gacatatact tacggagact ttgcctaca cacat 405

<210> 1758

<211> 474

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1758

cgattcagat ctaattgcc a cgtgtgtagt aggtatgtat tttatgttca tattatgcta 60
cttttgctt aattgtcatt taaattatgt tattttattg acatgtatga ttagagaaga 120
tccatcaata aaagtttctt tgattcaaga gaggattaac agtgaatttg cctacaacgt 180
gtcgtacaaa aaagcttggt tggcgaaaca aaaagccatt gctattgaat atggcgattg 240
agaagagtca tatgcgaaac tttcgtcttg gctagcacac atgcaaaatc attctcctga 300
attatatttt caaatactac atgacgattn tatcgttggg aatacggcta gtcggaaca 360
ccgttagttt catagagtgt tttggactct nggtcaatgt aaagaggctt tcaagtattg 420
taagccaatc atacaagttg acgacacaca tttgtacggc aaataccatg ggat 474

<210> 1759

<211> 374

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1759

agcttgtagg gttaaagtct cacgattgtc acgtgctcat gcaacaattg ttagccgtgg 60

ctatacgaga catcttgcca aacaaagtca agttcacgat aactcgctg tgctttttct 120
tccatgctat atgtagcaaa gtgattgatc cagtaatgtt tgatgagttg gaaaatgagg 180
ccacaattat actatgccag ttggagatgt attttcccc tactttcttt gacatcatga 240
ttcacttgat tgtgcatctg gttagagaaa tcaaagtctg tggtcctgtt tatctacggt 300
ggatgtaccc ggttgagcga tacatgaaga tcttaanagg gtatacaaag aatctatatc 360
gtccagaagc atct 374

<210> 1760
<211> 474
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1760

gcttggatgg tttattattg gtctggatg agggattgag tttgagttt ctttggggct 60
taagagattc ttaaggctga aggcactgct agaagccatt gcaaggagtt ttaaggagaa 120
aagttcaact atgagaaggg aggtcataag aaaaataaat ttaaaaacat aggaagtaac 180
acttgaattc tgaagctaag taaagcctct tgaaagcaca accataaact tccaaaaatg 240
acaagattga gaaagtatag gcttcttttg aacaaccaa taatgcactg agttgtccaa 300
gttatagaaa atagtgatag ttttatgtta aatgcaaatt atttctaatt tttgcatgtc 360
actccctatt cgctatgtat ctaaaactatg attntaaatt gcagttatgg tcatggcacg 420
gtgagtcaga aaacctttat attgtgaaaa atangactga tngtgatcac ggtg 474

<210> 1761
<211> 341
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1761

agcttgagtg agccaccata aagtgagtca attntgtaaa cacatccttg taaccctact 60
atctttatgt atagcggaag aatctccata ttagagaatt ataatcgtgt gctcccata 120
ctacctttaa ttactaagtg tctatcttaa cttcacgaag cgggaaagtc tgataagata 180
aatagcttgg gaagtctcta tccttaagct tgagtgagcc accatagagt gagtcaattt 240

tgtaaacaca tccttgggac cctactatca ctttgtatag tggaagaatc ttcatatcgg 300
agaattataa ttcgggtggt cccattacta cacttaatta c 341

<210> 1762
<211> 467
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1762

tttatgatac atgcattacg gacctatgat actaagctca tataaaaactg aattattttc 60
taatgatgca tgcanataat taaagacaaa gcgacaaagt cgattcttac caacttcttg 120
agacataaca ngtaagagag aatagaatgc cgtatataac cgaaatctaa cccaagagca 180
gcattggata tattcgggta aaccttaaaa atataaaggt ctaatgattg ctaaaacgag 240
gtttgggtggg actggctact ctgataccta tatttaataa ccgtcactgg taggtagcc 300
aatatgaaac tgagaattgg ggaagccaa tgctttaaat tggaaattta tcatttattt 360
gacacttgac acaagacatt ttttaatttt ctttttcgaa ccatatattt acgagtattt 420
tataattctt aataataaat aaacaccgtt tatttagaag agttcat 467

<210> 1763
<211> 406
<212> DNA
<213> Glycine max

<400> 1763

agcttggcag caatgtggga tatgagccgc tccatattat tgcaagtgc acgtgctgta 60
gagaaagaag tgaaaggagg aaacgggtcg ggtttcaatc ggagctccag attcggaat 120
gggtcacaac gacccggttc gtttagtgga ggacggggca gtactgattg ggtggttgta 180
aaaggaaagg aagttggagg gtccaaaggg ccagctattg ggctaagag agatgggtca 240
acctatggag acaaaaaaaaa acatgggcct cgtgacaggg gctttacca cttatcctat 300
caagagttaa tggataggaa acagaagggg ctgttggtca agtgtggagg agcctttcat 360
ccaatgcac aatgttctga caagcagttg atggtcctgg tgatag 406

<210> 1764
<211> 464

<212> DNA
 <213> Glycine max
 <400> 1764
 tgcctcatag agatccagga tagacaaggc ggttgaagga accagttcca ctcccgaata 60
 tgatagccat cgttttagga gtgctgagca ccagcagcgc ttcgaggcca tcaaaggatg 120
 gtcattcttc cgggagagac gcgtccagct caaggacgac gagtataccg acttccagga 180
 agagatagtt cgttggcggg gggcattgct ggttaccccc atggctaagt tcgaccaga 240
 catagtcttc gagttttatg ccaatgcttg gcctacagaa gaggggtgtga gagatatgcg 300
 atcttgggtg aggggttagt ggatcccttt cgatgcggat gccctcagcc agttcctagg 360
 atacccttta gtgttgagg aggaccagga gtgcgagtat ggtcagagga ggaaccaggc 420
 cgatgggttt gatgaggagg ccatcgccca gatgatgtgt atac 464

<210> 1765
 <211> 451
 <212> DNA
 <213> Glycine max
 <400> 1765
 agctatgaat tcttccacta ccacacatag tttacccttg tttggattat cttcaacctt 60
 tcatatagaa atcaaaagac aaccaacccat tcttcaacac ccaaaagaaa gaaggaagga 120
 aaatagactt cagatgtaat gtaaaaagaa atctctattg tagatctaag cttacacttt 180
 tactcttttt ttgtagattt ttcaatccaa aatatgcctt tctgcaaagt cctgaatata 240
 tgatcacata taagatagat tatataaaaa caaattattc aaatgccata tgaatttaac 300
 atcatttcca caagaaaaac cttgtggcaa tatcatgata agctaaatag taatatgcac 360
 agccacataa caacaatgcc tctaaattat tttcatcttc cttgagaaga aaccagact 420
 cagcaatagc actctcatatc tctttatcag c 451

<210> 1766
 <211> 464
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1766

tectcgatc ctatggcat atgataccac tectcattca ttcactcaca agcccncttt 60
 cactctggta tatagaacaa atgccatgat ccctatcgaa gttactgagc ccactttcca 120
 agtggatgta ttcgaggaag aatgattaaa agaagactga tttgtggatc tagacactat 180
 tgaaaagcta caaaggatta tgcagattca tgaagtggcg accaagattc gagtcaagcc 240
 aagatacaat cctaatttga cttggggagaa ttgaaagagg gggatttggg tataataagg 300
 gcttaaccta accagattgt caacaagtta tctccaagt gggttggcct ttatcgaatc 360
 agttaggtgg tcgaaaagga gcatacaagg ttgtgacta actgggtggag tcactagagc 420
 catgagcaag aggctccaag agaattgtgt tatagctact gaag 464

<210> 1767
 <211> 584
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1767

nttcaatctc gatatgtanc tctagattcg atatcgtatt ggcaatctcg actttnnenc 60
 cncaacaggg aacgggaana ttganatcct tgtcgaccct gtgagcctcg agagtcgacc 120
 agagtgcattg cgcgcgcatg ctggcaagag tcactaggtc gtgtatcgct tgtgcgact 180
 tatgttacac cggatgatgct gtgcattatg tcataacaca gtctacacc ccaaagctca 240
 cagacgcacg ctcttctctg ctgtatgcat tacaccgagc gatagcggcg cgcttgttca 300
 agcaccaa atgaacgaca atgggtgtact atggggcggtg cgccatgtat ttacacatca 360
 cactatggga cagccagacc taatagactg tgcattagca aaagaagcaa cagctgagga 420
 tagtacatca cggtagttag accacatgcg catacacgcc agattcatcg gtggacagta 480
 actgcccaga gagaggtgtc atctgttgca gagaattgtc aacaaacgat gctgttggca 540
 aaatcgtgac aacgggtgca cagcgtgagc cgggactttt ttcn 584

<210> 1768
 <211> 277
 <212> DNA
 <213> Glycine max
 <400> 1768

gaatcaagat tcatgagaag atgagttcga gattcaagag aagaaaccaa aaagcatcaa 60

gtcaagactt cacaagggat gtattgaaaa aaaactaatc atacacccag catagcacia 120
 ttttgtttac aagaaacggt tttccaaatt cttctaagtt accagagtat ttactctctg 180
 gttatcgatt accaattacc tgtaatcgat taccagcggg aaatggtgat ttcaaaagct 240
 tttaactgaa tctgcaacat taaaaatgct tttaaatt 277

<210> 1769
 <211> 391
 <212> DNA
 <213> Glycine max

<400> 1769

cgccgcgtgc gagcttcatg gtgagacaaa ggtgattcac atgtgtttcg atgataacia 60
 tgatgataac ataagatgat gacaacaggt gactgactaa cacagctcac atgaccatgt 120
 cgcttgatac attctccatg ctgatatgat agaacaagtg attgagttca tgattgattg 180
 atgaagaatt caagactcac gaggatagtc tatagtcaag aatcaagatt caaggctcat 240
 gatctcaaga atcacgatca agattcgaga cttcagattc acgaatcaag agaaggctta 300
 atcaagataa gtttgacaat tttttctccc aaattgagta gcacatgatt tttctcataa 360
 catgtctacc aaacagattt tactctctag t 391

<210> 1770
 <211> 440
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1770

tctatcaaaa ctcttgcctt tttattttgt aatgtcaacg tacacctctc cttagttaac 60
 tacggccata tattattggt atatatgcaa gttgaattaa gtcaaaacta gcaactagct 120
 taaacagcta tgagctatac cttatagggt ctacgaaatg aaaacaaagg aatgaaaggg 180
 gaaaaccacg atagatcaac aaccagggaa aacaacgata gattaacaac caaaatatgg 240
 ggatcctaca aaaagaaatg gtggattata aaaaggctga attagttcta ggtattcata 300
 ttattataaa attttataat taggttgcta tgccctttat atttttaatt gagtcgntat 360
 attaattnta aatctgtaat cacgtctcta tattaatttg tcatgaaaca tctgacgaaa 420

tctttcatca tatacatgca

440

<210> 1771
<211> 479
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 1771

ctggcctatg aatacatcgg cacgaanata actttcatte ttatatactt agcatgtctc 60
ggatcaacgc ctgcgatact gcgtatcgac aactcatcat acatgataat gagcggcctc 120
atctcagatg agcactcgcg agcgcttgaa tccaatacat atctcacaca cacacacgca 180
cactcaaagc aagcaataga tgatgtcata gctataccgc cctgtcttc ttctttctgc 240
ttcgaccgta ataaggcaga aactctcatc ttggcttgct aactcacatg ctgcagtctc 300
gggagtagtt gataggcggt cactcttgac agaaatggat ggattccctc cattggcacc 360
ataggcgtga gtttcccaa ccgtcaaatt cgaatgtgta actgcaatgc tgctactata 420
agatcccata catagtgtta cgacggacaa cctcgagcca aagccaactt ctcaggccc 479

<210> 1772
<211> 458
<212> DNA
<213> Glycine max

<400> 1772

agcttgagta ttggctgctg cgccgagtg aagactacga gttgtgttag gcttgggagc 60
aagactgcga ggtcactaac catagaactt agacaccgct ttttgtccaa acaatatata 120
aactcagtat tagggacatt agacctcact cattcaaaca agcggcttat atcacctccg 180
tgtgttatat atacagcatt tttggaaacg cattatatct tacgctatat attgaaaatt 240
taggcattgt tccaatagaa ttcaattcat taaaatacac ccagtataat ttttttttta 300
catcatataa tcataaaatg cagaataaaa tgcagtgttt gattaactct cacatgcaga 360
actgcagaag accaaatcaa aagctaaaac aatataataa atgaatttca attcaacaca 420
tctacagaca tgtaaaaata gagattggca agaataata 458

<210> 1773
<211> 441

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1773

ttaaattcta ttgacaagag atttctgagg aggagtttct tgcttttttg ataacaaata 60
aagtgtgttt agtaactttt ataaatcaat tcttactagt gttgatggta ccatcttcat 120
tggtgacatc tatgcgaggg cagtctcata ttccattggc ttgtggagtg gcgttgccac 180
atztatctat tgggactgac gagagtaaca ttccatcca tatgttttgt taaattttgt 240
tatttaaatt gaatagggag ttcatgata tagatctatt ttactgttt cttttatgta 300
cccactgcga tttatcatat tacttttcag tcattagtag gttactcact attgagttat 360
gcatttgtga gtntactta attgtttaaa gtgcttctag tgtattagat gctaacttat 420
tatcgaaaca cagagctaaa t 441

<210> 1774
<211> 594
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1774

tcctgtnagt ctgaacgtaa tcatgaattc accgtgcaat cggatgcttg tcatcanaca 60
actancacca gcaagtgann cttgaaaccc ttgaggaccc tagcanncn cngaggnanc 120
cacgcgcatg aagatgaatc tagagnctt cgatgtctga cattgctgat gtttacaagc 180
ccgaagaatg actccaagag tgagacaaca agaagaactc ctgatgagtc caccataac 240
ccccaggtgt atgaccaga tacgagtgt cgacatatcg gaggaatatn ccagacgact 300
tcacaaggga agtataaaac agtttttgc tcaagaaaca gaaaagagct ctctcagaag 360
tgtatcagct accagagtta ttactctcgt ggcaggcgaa taccagttat ttggaatcga 420
tgaccagtgg ccaagttgga tgcacgaggt ttttaatgaa tcggttccat ggagctcgta 480
tcttcaacgg tgtaatcgag cactagacat aggtaatcac ctactcgtgc aactggaacg 540
caggaagtta catgtgagca gtgaactcgc gtctctctat atcaacgagc gtcn 594

<210> 1775
<211> 403

<212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1775

 agcttcatga tgatgaatca agtagttntg ataatgacaa agatgatgac aaaaagccca 60
 aagaatgatt tcaagattaa gtcaacaaga agaaatcaag aagattcaag aatcaagaga 120
 agtttgattt caagattcaa gaaaagatga attcaagatt caagagaaga aatcaagaag 180
 acttcacaag ggaagtataa aaaagttttt ttttcaaaaa acaaaaaaga gtttttctca 240
 aaattttata agttaccaga gtttttactc tctggtaatc gattaccagt ttcttgtaat 300
 cgattaccag tggcgaagtt tgatttcaaa agcttttaac agaatttgca acgtcccaat 360
 tgatttcaaa atggtgtaat cgattacaag atattggtaa tcg 403

<210> 1776
 <211> 459
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1776

 tctgcatgtc tagagagttc tagagagaga aaggccaag ttccagagag tttgagagat 60
 tntgttggtg gaagatctac agagaccaga gcttgagagg aaaccgtcct gagagcttga 120
 gatgagtttg tgagtgattg tgaggctcta gaggtggagg agacatcccc actacttgta 180
 tttctacaat ctttcatctt tctcttctct tttgtgtaaa ggaagcttcc cagttatgga 240
 aagctaaatc ctctgttgga tcttccttgt aggtacttga tgcaaatatc tttttattta 300
 tttaatgatg ttttttggtg tcactgtggt atcagaactt cattctacca tgcttttgcc 360
 ttgatcatgt agatgcatgt gtttttagga taattgaaca gtggaaactg atctgattct 420
 tagaacttga taggacggng ctagtttggtc gtatttaca 459

<210> 1777
 <211> 450
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 1777

agcttatgac cattcgaatt tctcaagagt ttccgttggt caatttcgag cgtgtagatg 60
agttatgtcc ccgaatcgga catctgtgtg aaaagttatg accattcgat tttctcgaga 120
gcttccgttg ttcaatttcg agcgtctcga tatattatga ccccgaaatcg gacatctgtg 180
tgaaaacgta tgaccattcg attttctcga gagcttccgt tgttcaattt cgagcgtcta 240
gatgagttat gtccccgaat cgaacattcg agtgaaaact tatgaccatt cgaatttctc 300
gagagcttcc gttgttcaat ttcgagcgtc tcgatataatt atgttcccgga atcggacatc 360
cgagtganat gttatgacca ttcgattttc tcgagagctt ccgcttggtc aattcgagcg 420
tctcgatata ttatgtcccc gaatcgacat 450

<210> 1778
<211> 393
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1778

tgccgccacg gagttntccg actatgctct tgtgtggtgg aacaagctac ataaggagag 60
agcaagaaat gaagagccaa tgggtgatac atggacggag atgaataaga tcatgaggaa 120
gcggtatggt ccggctagtt actcaagga cttgaaattc aagctccaaa aactaaccga 180
aggcaacaag gtggttgagg agtatttcaa ggaaatggat gtgctcatga ttcaagcaaa 240
tattgaagaa gatgaggagg taactatggc tcgatttctt aatgggttga ctaatgatat 300
ccgtgatatt gttgagctgc acgagtttgt tgaaatggat gaattgcttc acanagcaat 360
ccaagtggag caacaattaa aaaggaagg agt 393

<210> 1779
<211> 390
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1779

catgcaagct ngactataat tcattatttg cgttatgagc ctacatcaac caattggatt 60
aatgatgttt ttgtcacaat caagtgattg tcaacgtctc catatgggtg tactttgtgg 120
tcatgttttc atttatagaa ttcatttggga atgtctgttg ttaattctga ataagtgacc 180

attcttcatt taaaattaaa gtctcttaat caattgagtg ttcatttagt tatgagttga 240
 tcattctcca atcatgtctt gttaaattgt ttgatattatt gccatgttgt tacttctgtc 300
 atgtatagag agagactttt ccctctgtaa tcacgcttcg acgttcgaga ggaaatactt 360
 gtgtagacat gatccttgct acctactgat 390

<210> 1780
 <211> 158
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1780

ttctggtnac tgacacacct tatattnntg tgctattgat tttcttatga caataggacc 60
 aaaaatttaa aaataggatt tacattatgc ttgtcaacag tgaattannn agagatttaa 120
 accacactaa agaaaaaat tattccaggt gtctatac 158

<210> 1781
 <211> 436
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1781

agctnnttgg agtagaaaca tgggaccaac tcattntatt tcaaaaagga agtcgtatct 60
 agtcaagggtc tgagagacca tacaagtttc ctaacgattt ctaattatgt gggccattaa 120
 gtctatcata tgctgacaat agccgagaag cccatgaatc tcttcggggg tggagtaggt 180
 gtctgccatc gccttggcct tggctaacaa gccgggaagt tcttgactct cgttcaagggt 240
 aagagcaaac cgatccatcc acatgggtgc ctcttggtgt aaagagtcga tcacccttcc 300
 tctagcctct ttttccgctg atacttgagc atactcgtnc gcgattctat gcccgtaggc 360
 cgcggctaga cctaactctt cttggtactt ggcgatgata gctagcatgt tgggtctcgt 420
 ctctgataaa cgctga 436

<210> 1782
 <211> 480
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1782

tggagctcgg ngctcttntg aagttcctca gctgacttgt agtagaatga gacatattct 60
 tccaccaag acttgatata atcccatata tctagcccat cagaagcata aggatagtcc 120
 tcatcaaaa gtcaaactcc atggggagca gatggatcct taacagcaac tctcttgaat 180
 taaaagcacc caaataacat tgattagcat aagagttata tcaagcctga agcctttttt 240
 cttcttatgt cattgatgac tttttatata atgcattcat gtgccactac tctgtcaaag 300
 ccatgaactg tcaaagccat catttaggat gaaacagtct ttgtctttcc aaaatctgaa 360
 atacgagcca cttgagcatc tgctaaacga tatttcgtgc caccaatagt aacctcagat 420
 gaaacagtct ccacatcaa cacaataata tccaccaatt gtctactagt aagtaatgac 480

<210> 1783
 <211> 464
 <212> DNA
 <213> Glycine max

<400> 1783
 agcttgccgc ccagctcgcc caggcgagca aggttgcttc ctccagaagc aacagccttc 60
 tggaggaatc ttttagaggg ccaagtgggc ctggttgcta tttacacccc catttttact 120
 aaatgcaccc cccctttcta tttttttttg taattcattt tccgtaacgt tacgaaactt 180
 tacgaatttc gtaacgatac ctattttcct tccgcaaggt tacgaatcct tacggatcat 240
 gtattttactc ttttttactt tcaaagaagt tacggaaact cacggattgc gcaaaaacac 300
 ctctttttga tttccgccac attacggaat ttcacggatt acgcaagcct gtttcctttt 360
 ggattttctga gacgtctcgg gacttcattt aatgcatgtc atcaagtaat aatccccgga 420
 cgaaatatgg tatgacagtt gcccctcttt acttacctct catc 464

<210> 1784
 <211> 490
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1784

tactaagctt acaacanatt caaaaccaac aacaacaacc acccaaaacc atatacaaac 60

aacaatacaa tcatgcaaca acatcacaat agcaaaaaat cattgaacgc ttcaacaaaa 120
gcagcttcaa agggatggga ccacttacct ggaagaagat taccgaatga ccggaagaaa 180
atgggaacaa ccaccaacgg aagaagtga cggcggaaga acaccggaac aggagcaacc 240
accaatggag gatcgaaga ggaacaagca acaaccgtca aacaccagaa gaggaagacg 300
aacacgtgcg taggcagaag aagacgaaga agcatatgag aggaagatga agatgaaaca 360
gtgtcgtatg aacgaaatgt agcaaagca ctgtacgaac gactaactnt gggattntat 420
agtaataggg tgaatggcat tttggacttt tcgccatggg tgttgggtgc acaaagtaac 480
accctgata 490

<210> 1785
<211> 346
<212> DNA
<213> Glycine max

<400> 1785
gcgcgtagtga ccattcgaag ttagtcagag agttttcgtt ggtcaataac gagcgcgtag 60
atagagaatg acttcaagac tggagcgcca agactcatac aatgaggcat caaattgcta 120
cataagcagc ggatgcatag tcttgagcgt atgaaccatt tatttgcgag aagatatcaa 180
cagtgccctta tgagactacc cttcgacact ttcaagaccc ttccttggag aatctgcact 240
tttgctataa cttttgcacc ctattctaac atttctgcga cagctgggtga acttttctca 300
atcctaatag cggctcgtgt tactcgtaaa tacgcttgct ctatgg 346

<210> 1786
<211> 419
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1786

aatacgtggg tctgatatac ttttgggtgc atcctgatgc agtgaagttg gtcaacacat 60
gtaatttggg gtttttgata aacagtacct acaaaacaaa caggtagaga ctcccactgc 120
tcgattttgn tggggtggca ccaaataaga tgacattctc tgccggattt gcatatctgg 180
agtgtgaacg tcttaataat gtgggttggg ctttataatg cttctgaggt atatttttaa 240
gacgtgatgc cctccctgga gttattgtga ctgacagaga ccaaacattg atgaatgcag 300

tgaaaattgt attccctgag tgtacaattt attgtgcagc tntcacataa acaagaatgt 360
ggagaccaaa tggtaatcgt tgattggtca aagaaatgct cgtgagtatg tcatggatg 419

<210> 1787
<211> 348
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1787

gagcgtatga ccattcaaatt cggtgaagagt tttcgtatgat cgatatctag cgtgaacacg 60
agttatgtac ccgactcgca catcggagcga agaagatatg accagtcnag ttgttcgaga 120
gctgttcggt gttcatttac aagcgggtct atgaaccaag cacgggagggc tcacgggtggc 180
gagaacacgc atgatcaaac gaagtgcgag agagcatgca ttgttcattg tttagcggct 240
gtataagata tggccccgct tctgccttac caaacatgac aacagacggg atgcagtttg 300
tcaaacataa agtatgttga acgcgagcgc atgatgatgc aatgactc 348

<210> 1788
<211> 297
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1788

ctctttctct ctcggacctg ttctttctca atgtatgctt aattttctaag tccaaaggaa 60
ctaaattgcc tgtgggagat ctatgcatat aaaatactaa cagacacaat gggttatccaa 120
ttcaataaga gaagttatat atgaatagaa nacaaatatt cgcagataat aaaaaataa 180
cgaataaaga atagacacct ataaatgaac taacttgtca gataaaaaga agttccctgg 240
caacggcgcc aaaaacttgg ttgcttcgg caagtgcacc ggatcgaca agtagta 297

<210> 1789
<211> 453
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1789

agcttatata ctccactgta tatattaataa tgaaagctcc acatgatata tgtatgaaaa 60
 acanagatag cagatattaa aactgggttg cctcccagga agcgcttctt taacgtcatt 120
 agcttgacac atagcttaat gccttcaagg tggcatgaaa gtcacataaa acacatcttc 180
 cttgcagttt cgccttttag ctagaattc catgaacttc atgtagtttg caagtacatt 240
 ccaaatcatt tcaggaaagg tgtagtgat taaagaaaga atggcactta agatttcctc 300
 atgctctcct tgccttcttt tcttgtaaat ctgttgatga ggaagggtat tgatctggag 360
 aataccttct tgattgtnt ctactatcga gaacttctcn cattgttgct gtgcttggtta 420
 ctcatctttt tccttgactc atgctctntt aca 453

<210> 1790
 <211> 462
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1790

tctatagaag gttcgttcct aatttctcta caattgcac atcttctagg aacttcaagt 60
 tgtatcatct gttctaaaag agagaaatca ttatgttcat cttataaaac tcagttgtaa 120
 tcaagagatt gtttgtctct tggcatgtga gaaactcgaa cataaggggtg agggatccca 180
 aggtgtgttc aaagattgta aaggatttac aaggatagtg gaaaatatta agtaggttac 240
 ttaaggacag gacatatgca cgggaagtgg ccgaaccaat ataaatcaag tttgcaattc 300
 tctcttcctt tgtcttgttt atttttattg caatttactt tgtcttgac atttaaacia 360
 tattgttaaa ttgactattg cttcttcttc tacattctaa atctatcaca tatcatntaa 420
 aaggggatta anacttttta gttggaaaat ttaaagactt aa 462

<210> 1791
 <211> 425
 <212> DNA
 <213> Glycine max
 <400> 1791

agcttcttat ccaacgcact ctcttggtgg tgaagctcct ccttccatgg cttattccct 60
 agtggatgac gcctcttctc acctcttttc cttatcttc cgctacatct tcatgggtga 120
 aaatcaccat tgaacgacct cattgaagct catggatcca gcctccatag aagattctca 180

agaagcttcc atcataacct gatagagaaa taaaaaatac ttaattcaaa ttgaaaaaca 240
aaacgatgct agtcccttgc atgggttcaaa ttgttgagca tattatagta catgatagat 300
cgataattat gttaatacta taaggacttg tgcattgttg aaacttggat aactcatttg 360
attggacaag tgaatgaggt tgggtgcgca cactctacat gagatcatga atatcttata 420
atata 425

<210> 1792
<211> 449
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1792

gtagttattc ataatcaaac atggccttca tcattcctca gttcatacat ccaatccata 60
cttttagagat tcacgcaaaa atcagcacta catgatagtc gtttctctca aaattttaaa 120
gatcacacac tcaactggat acggttaatg cattccttca taatcaatct gacaactgac 180
taacattttc agacataatt ccaatcatat gctcattctc ttctaataac ggcaaaacttg 240
atcaaaacaa tcatccaatc atcccaatcc attcaattca tacatttgct caatcaatca 300
tttcctaaca ctattccat accaaacaag ccactgcata caatgttcaa tcaattcact 360
gttcaatcaa gctttntgta caagaaaaca aacaactata ctactgaaat taaaagactg 420
aaacacnaaa gcttgaaatt aaatgacat 449

<210> 1793
<211> 269
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1793

gcttttatcc aagacattct ctggggggtg aagcttcttc ttccatggct tattccctag 60
tggatgacgc ctctctcac ctcttttctt ttatctttcg atgcattctc atggnggaaa 120
atcaccattg aaggacctca ttgaagctta aagatccaac ctccatagaa gcttctcaag 180
caagcttcca tcaataggca attaggcaat ttgacctgct aaaccctaaa tctcaaattc 240
atctagcaag caaaattgtc cctatacag 269

<210> 1794
 <211> 434
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1794

ttctgagcta ggtccatatt tcaattttta agatgcatgg ttctctgtgt tgccatgtaa 60
 tcctttattc ctaattagnt ctgctagtct aatactattt tcaaaatcta aatgttaaag 120
 ataatgaaaa caagtgtgaa tatttgtctt ttctagtaaa cttcttggat tttgcttaat 180
 ttcagaaagt atgtgtgcaa cttgctatct agcttgtgtg tgtataagct ctgctaaaat 240
 gattntaacc aaaggatata tactaactta tttacctatt tccgtgtgta ttacagcaac 300
 atagcttcta tgagctaatt gtgaacagag ctagaggcga aagcggctta gtatgaatgt 360
 tttatttata tattatacat ttctctattg gaaggcgcgt gttttgatga taaatgatgc 420
 catcaacact caat 434

<210> 1795
 <211> 431
 <212> DNA
 <213> Glycine max

<400> 1795

agctctgagc caattctaac gataataact ttttactcgg atgtccgatt gagtctcgta 60
 atatatcgac acgctcgaaa ttgaatgggtg aagctctagg cctattcaaa cgacaataac 120
 gttttactcg gatgtccgac tcagtgcgtt aatatatcgg gacgctcgaa attgaatggt 180
 gaacctctga gccaaactca acgacaataa ctttttactc ggatgtctga ttgagtcccg 240
 tattatatcg agacgctcga aattgaatgt tgaacctctg agccaattca aacgacaata 300
 actttatact cggatgtctg attgagaccc ataatatatg gagacgctcg aaatggaatg 360
 ttgaacctct gagccaattc aaactacaat aactctatac tcggatgtcc gattgagtga 420
 cgtaatatat c 431

<210> 1796
 <211> 440
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1796

taaacattca atttcgagag tctcgttata ttacgggact ctatcagaca tccgagtaaa 60
aagttattgt cgtatgaatt ggcttatagc ataaacattc aactttgagc ctctcgatat 120
attacgggac tcaatcagac atccgagtaa aaagttattg tcgtttgaat ttgctcatag 180
gttcaaaatt caatttcgag cgtctcgata tatttcggga ctcaatcaga catccgagta 240
aaaagttatt gtcttttgag ttggctcaga ggttcaacat tcaatttcga gcgtcccgat 300
atattacgtc actgaatcgg acatccgagg aaaaagttat tgcggttga atntgctctg 360
agcttcaaca ttatattacg agcgtctcga tatattacgg gactcaatca gacatccgag 420
atacaagtta ttgctgtttg 440

<210> 1797

<211> 394

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1797

agcttgtctc agcgtttatg cgagacagag accaacatgt tagccatcgt cagcaagtac 60
caagaagaat taaatctagc cacggcccac aagcaciaag tggcagacga gtatgcccgga 120
gtgtacgcgg aaaaggaggc tagaggaagg gtgatcgact cgttacatca agaggcaaca 180
atgtggatgg actgatttgc tcttactttg aactggagtc aagaacttca ccgattgcta 240
gccaaggcca aggcaatggc gaacacctac tccgtcctca aggagatcca ggaacttctt 300
agctattgtc agcatatgat agacttaatg gccatataa ttagagaccc tanngaagtt 360
gtattggcac tcagatcttg actagttata actt 394

<210> 1798

<211> 455

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1798

tgcttgtggg gcttctatgg aggctggatc tttgagcttc aatggcgctc tttaatgggtg 60

atccccacc atggagatgc agcggaagac aaaggagaag aggtgagagg aggcgccatc 120
 cattaaggaa taagccatgg aaaaaggagc ttcaccacca agatgaacct tggataagaa 180
 gcttggaagg atgcttcaat ggaggaaaag aaagagggag agaaagagag agggggggagc 240
 acgaaattga aggaataaaa gagggagaga agtggaactt tgaagtgtgt ctcataagac 300
 tttcattcat caaagttaca acaagtgtta catatgtttc tatttataga ctangtagct 360
 tcctggagaa gctttcttga gaaaacttcc ttgagaggct tctttgagaa aacttccttg 420
 aggagctaga gcttagcaac acacaccctc ctcac 455

<210> 1799
 <211> 456
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1799

agctcgctta ttaattaaca accttttatt gtcttaatag cctaagtttc aagattgatt 60
 ggtcgattga gatgaaatta aaactgttga cgtaatttc aaatagctgg ctccatcatg 120
 tgctctgttc ttaaatttgt atagataatt gggctttttt tagtaatcaa attttagaaa 180
 aaataaaaaa tgatgataag tagtaaccaa gtttattttt tatatatattt tttctagcag 240
 tccaataatt ttatttgaat gtattaaaaat ataatagaaa ttactggaaa taataaacat 300
 ttgttttgaa taaattgtga tagacaagtt aagaatgaaa acaaagaaga aatgtcataa 360
 ttggaattgt tgggtgaaaa ctaatataag ttttgatatt tatttctatg aaatgtangg 420
 tcacttcaag taaatgaagt ttcatactaa ttatat 456

<210> 1800
 <211> 463
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1800

gatgcttcta gtgaagacag gaaacgcgat gaaattagaa aacacaatga aatgttaaag 60
 gcttctgaag ctgttgctga agtcagagca gaggtggata agctcgctga gagggtgagc 120
 ctgcttctca tattatcttt ggttattgaa acataataac tggagctgag aatgaggata 180

tgagtgattt tgatttgcaa gtatctgtct tggaagtggc tgtggatgga gggaccaggg 240
 tttctgacaa agagtttttg atgtccacag agttgcttat gaggcaattg ctgaaaactgg 300
 atagtattga ggctgaaggt gaagtaaagc tgcagagaaa agctgaggta gtgtttatgg 360
 tggttagaat tataacttaa attctaacta attgcgtatt agntattgtg tttatttttg 420
 tatttacaaa atcccaccta ttagtaagtc atggacactg act 463

<210> 1801
 <211> 352
 <212> DNA
 <213> Glycine max

<400> 1801

aagcttatga ccattcgaat ttctcaagag ttttcgttgt tcaatttcga gcgtgtagat 60
 gagttatgtc cccgaatcgg acatctgtgt gaaaagttat gaccattcga ttttctcgag 120
 agcttccgtt gttcaatttc gagcgtctag atatattatg accccgaatc ggacatctgt 180
 gtgaaaacgt atgaccattc gattttctcg agagcttccg ttgttcaatc tcgagcgtct 240
 agatgaatta tgtatccgag tcgtacattc gagtgacaac ttatgaccat tcgaatttct 300
 cgagagctta cgtagttcaa tttcgagcgt ttagatatat tatgtcccog aa 352

<210> 1802
 <211> 427
 <212> DNA
 <213> Glycine max

<400> 1802

tttccgacta tgctctcgtg tgggtggaaca agctacaaaa ggagagagca agaaatgaag 60
 agccaatggt tgatacatgg acggagatga aaaagatcat gaggaagcgg tatgttccgg 120
 ctagttactc aagggacttg aaattcaagc tccaaaaact aaccaaggc aacaaggggg 180
 ttgaggagta tttcaaggaa atggatgtgc tcatgattca agcaaatatt gaagaagatg 240
 aggaggtaac tatggctcga tttcttaatg gtttgactaa tgatatccgt gatattgttg 300
 agctgcagga gtttggtgaa atggatgatt tgcttcacaa agcaatccaa gtggagcaac 360
 aattaaag gaagggagtg gctaagagga gttttaccaa ctttggttct tctagttgga 420
 aagacaa 427

<210> 1803
 <211> 452
 <212> DNA
 <213> Glycine max

<400> 1803

agcttagatc aggcattcca gtcaaactgt atggccgtcc gaatatgcat gggcattcca 60
 ttccaacttt taatcgatc gatataattac gggcctcaat cggacatgag agtcaaaact 120
 ttagcccgatc agaattcacc cgagtccttc atgttaaatt ttgagcgatc cgatagggtta 180
 cttggcttat tcgaagatcc ggaggaaaag ttatggccgt ttgtatttgc gatgggcttc 240
 acttttatcc taagagcatc tcgatataatt atgagcttca attgggaatc cgagccaaac 300
 gttatggctg tccgaatttg cgtggatcagt ccatttctac ttccgagggc gatgatatat 360
 tatgggcttc attcggacat cgattaaaac ttgccctgc ggattcacc gagtttccat 420
 gtttaattcta gcgcccata ggtacttgct ta 452

<210> 1804
 <211> 478
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1804

taacanactt aganatcaag tgatcatgta ttccgaaata tatggggaga aaacggatgc 60
 acattttatc tatatacagt tggttggtgt ttgcttgaat cttgatttca ggtattgtat 120
 tgtcatcatc aaaaaggggg agattgtaga tgcaattggc ttgatggtt tgatgatgat 180
 catgatgatg tgttgcaatt gatgcaaatg ggcttttcaa gattaaaatt caagacaata 240
 cttcaagatt acaagtcaca acatcaagat gatcactaga atattaggaa gggaattcct 300
 aattgaatta gcaaagggtt ggccaagtga tttaaataaa aaagtgtttt tcaaagggtt 360
 tactctctgg taatcgatta ccagaggatg taatcgatta ccagtggcca aatacgtttt 420
 ataacagcta taaaaatttg aattcgaaat tttaaacct gtaatcgatt acacaatt 478

<210> 1805
 <211> 172
 <212> DNA

<213> Glycine max

<400> 1805

taattaattc aaattgagaa ataaaatgat gctagtcctt tgcattggtct taaattgttg 60
agcatattat agtacatgat aactgataa ttatgttaat tctataagga ctctgcatg 120
ccgtatactt gcattaactc atctgaatgg gaccattcaa tgcgcgcgag ag 172 .

<210> 1806

<211> 381

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1806

tagaacttaa accttcgatt ctactcgat tcttcaccaa atcacgtccc gtaaagccca 60
atcttctct ntttactcc tctttactt ccaccgatca aaatccagaa aaacttcac 120
aaatggcaga gccatcaaag aagagaaagg gatcatctc caccgccacc gctgctgcc 180
atcgccgtca cgggccatcc ggagcaccca cagcacctat tctctcttct ttgtcatctc 240
caagatcatc aactgtgtt tcatccgatg atcaacgtct acggtacctt tctcagtttt 300
cttctagaat aatcttagac cctaagtacc tagacgtaga gttctttaat gatgaaacgt 360
ttgattgcta tcaagtgttt c 381

<210> 1807

<211> 448

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1807

agcttattat tatcttggtt cataaattgg atgaaatata ttctaattt cattttataa 60
agcatatcac cataataatt aataagcaat aataacgtca ctataagtag tatcccaaag 120
ttaaggatgat tcttagagga actaacaaga gaccttaact aaaatatgaa tccaagtga 180
agggtgacga ttaatgtttt gtctcatgt aattcaacat gcccttgggt ctttgaaatt 240
tactaattta tgccattgat aatacaaata aatgattatt aaatatttaa ataactaaaa 300
gaaaaaagca tgcattgtctc anatattatg ctacagcaac aaagagtggg aaaggagatt 360

aatacagaca actatggcaa cggagaaatc gcgtattctt tcataagtgt ccacaatacc 420
cattctctga agtgccataa gccgacta 448

<210> 1808
<211> 453
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1808

gcgaatatga gaaacgtaga gaacattatc acaatccata cccaagcta actctaacc 60
ttcattggaa taactatctt gaacatgtgt tttagaattt ttttttgac aaaatgtttt 120
atcctaatat catgaattga ccatttgatt atattttcat tnttttgatt ttgattatct 180
tcaaatatat ttttattttt ttaaaaatct aatttgatta aaataatagc taaaaatttt 240
atctctcaac catcttaaac tacttggctt tttatcttnt attgtatggg tgattttctt 300
aattacttat ctctttcaag ttattattat ttttttatt tttaaattaa attttaatat 360
atttaaaata aatcattaaa tagttaaatt taaccttgta tcttgnaatt aattatctat 420
tatanatcta acatatatct gtatcttaat tat 453

<210> 1809
<211> 439
<212> DNA
<213> Glycine max

<400> 1809

agctatagca actctttctt tttgtttagt caaaacttct aatgctctta atctctctc 60
atctaaatca actaactcat ctgacatcat tttccaataa tggctgattg gaatgtccat 120
ttgtttttgt acctggctg attgcaaatt ttttcgacc ggaagtacag catcatgccc 180
ataagtcagt cgaaatgggg tagtattagt tgattcctta ggagaatttc tacatgccc 240
tagaacttga tctaactgtt tattccaatt tcttggcttt agggcaatgt gttttttaat 300
caagttaatt acaatcttat tggctgcttc gacctgacca tttgcttgcg cgtaatatgg 360
tggtgaggtt aataatcgaa agccagtttt ttgggcaaatt tcttgcatctt ttcgtccagt 420
aaaaactgaa ccttgatca 439

<210> 1810
 <211> 442
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1810

ngtgaatgta tatctatcat tcccaacttg caagtaaggt cttgaagttg ctccgtggga 60
 agtccttggt aagggatgta ttcggtggct ataagaccac tgtctaattt ttccttaata 120
 aaatgtcgat taatctctat gtgctttggt cgatcatggt gaactggatt gtgtgcaatg 180
 ctgatggcaa acttattatc acaaaccagt cccataggaa cttcatattt tattttgagg 240
 tcatcaagta tgatattcat ccataacaac tcacaaacac cttgagccat agctctgctt 300
 ttgcacttga tcttgcaacc acattntgct tcttactcct ccacgttact aaatttccac 360
 ccaagaacat gcagtatcct gtggtagatc tcccatcaac aatngatcct gcatagtcag 420
 catcagtata tactttcatg at 442

<210> 1811
 <211> 190
 <212> DNA
 <213> Glycine max

<400> 1811

agcttgctgc atatataaca atcttgagta ctctctaaat gactggtaag aatatctgcc 60
 agttgataat ttcaattgat gaagttagtg gtgatgtctc tggataaaat ctacagtgag 120
 gaggtagaga gaagattgta atggaatttc aatagatggc agtgatggag gggaggaata 180
 catttacact 190

<210> 1812
 <211> 423
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1812

tatcagaagg ggaatgagta aataccacct catgctgata ttatgaaggt ggcaaagtg 60
 ttcttttgca agaagaaggg acacatgaaa aagaattgcc ccggattcca ganatggctt 120
 gagaagaaag gtaaatcaat ctcattagta tgttatgaat ctaatatggg tagtgttaat 180

attaacacct ggtggattga ttctggatct actattcata ttgcaaattc tttacagggt 240
atgcataacc taatgaaacc agtgggaagt gagcaaagca ttttatcagg caataagcta 300
ggctcacatg tggaggccat tggaacttgc attctgactt taagtagtgg ctgtatttta 360
aaattagaaa ggactttcta tgtanccaag ttttcccgaa acttgatttc tatttcaagg 420
ctt 423

<210> 1813
<211> 393
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1813

agcttcttgc gtagccgctc ttggtgctca tataatccaa aaaacaaatc cctcttatta 60
ctagctatatt tgaattcttt agttcctgaa tgtacaacct tcaaattggt gctcgttccc 120
ctctttcttt tctgcaaaaa agaaaatcaa atgctgtcaa aacaaggatg aagtcctaag 180
aaaatcaata tcaaagaaaa catggatgaa atcacaatta aaaagcacia ctacctatct 240
ttcagagtcc tttggttaat ttgtcttgtc tccttatatg gtgggggttct gtttaataat 300
cttatacttt tgccttccaa aaaaaaactt atcactaatc ctcttttcat taatccaatt 360
ttntatggt attgtataaa agatcatggg ttc 393

<210> 1814
<211> 454
<212> DNA
<213> Glycine max

<400> 1814

cgcacaatat ctatgagtgc agctatggta gcgaaaattg tatgagttta tcttcagtca 60
agcaacaaga agatagaagc gccttaactt cctatgccag tcaaataagta gtacctacaa 120
cgaatatggg gtgatatgtg tcgggtgagaa agttaagcag tcattttataa tttggtgatg 180
ttattaacaa aaatgaatag agatagaagg agactcaatt atttgttgaa ttagagacaa 240
taagtgaacac cacatctttg gaataatcga tgacatttgt agttaacgaa attcttcatt 300
tctaactctac tgttgaggag cttatatatg aaagtcacag ccagacctaa gctagaaaaa 360

tttgcaacat catatttttac aaagcacaag ggacttggtg attgtccagt taaaagctgt 420
ccaacataag agtctgaatg atgtagctag catg 454

<210> 1815
<211> 406
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1815

agcttgtaga atgggtagac atgatacatg tcagggcttg gtttggttca aggataaaaag 60
ggatgcccca cattatttcc atgacacaaa tgcaaaaatg atgatttgga aactttatgc 120
aaaactggtc atgcatgccc ctatgcccgc gctcaagtgt caaattttta tggatcatgtg 180
atgctagggc tcangattca tttcctctat tttaaatcaa cccaatgttt ccaaaatag 240
ttcttttate aatttggtgca ttctctcaag tccatttcgg gcgtccgagg aaattttcac 300
agcattcacc cttcaggtgt agacacgttt tttcttcaaa aatcggttat gatcaatgaa 360
ttntttntca aagaaaagtt ggaaatcatc tcttttanaa gcatgt 406

<210> 1816
<211> 442
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1816

ntatagcaca gcaacacaga atctaggtgt ccaacacccc tcaattcaat gggttntcta 60
ggtttgaaaa gtgaaatcga gaatgaggta aatttgaagc aaactctcac ctcacaccag 120
tccataacat caatctaaac ttgctcaaac tggatttacg cttaaaatct caccgaatca 180
aaatttgact cttccacacc caaatttgcc ctagaaatgg ctctntgttc actntgggtca 240
tttgtttttc tctctagcac agcctaactt ttctcataag tcctaaatga catttcaagc 300
taggattaac tcactntaac ctccatttac cacagaatcc agaattaacc ttccaactct 360
caaagcctca ctctntntcc actcataaca tcacattctc actttctaac cctagggttaa 420
ctctaccctt cacctctatc ag 442

<210> 1817

<211> 355
 <212> DNA
 <213> Glycine max

<400> 1817

agcttgagaa atctcttcga ttctgcaata cattttctgac tctatggcat gagatgcacc 60
 gcatagatag gacctcccg tggttgttat caacgaatat cttaaact tgtgcttgag 120
 tgaaacagtc gctgtgagac tgcaggagga gctactgtcc ttgataacctg tgttatgact 180
 aacttcgtct aactgtatag gacacattat gttctactct ttatctagct gcatattatg 240
 ggagaacaag tgattggtac acattgcttc atcttctaca tcatgcaatc aatgaattat 300
 aacgcgtaca cctttgaaca tataactgc gtgctttacc acttgaggac aagtg 355

<210> 1818
 <211> 388
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1818

ngccaccag ctgcccaga tgagctaggt tgcttcctcc ataatgcacc acaacgatgc 60
 ttgttttgca caacaatgct ctttgtgact tccagaatgt tgcgaaactt tacggattgc 120
 gcaacaatgc ttgttaaaca ttccagaatg ttacggaact ttatggattg cacaacaatt 180
 cttgttgaac attttgaggc ggtcaagaga aggtcgtatg ccaacaaata atgtgccctt 240
 gacgaaatta gggtatgaca gacgcccctc tctacttato ttttattgga gataaaagtg 300
 aagtaaagat aagacactaa tttcgttcga gtggaacatg atttggccga tcaatatccc 360
 taccgcgga acctgtcatt cagaaaga 388

<210> 1819
 <211> 303
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1819

tcggatgtnc gatntagcg natattatat ttagacactt gatattgaat aacagaagct 60
 ctcgagaaat tcgaatggtc ataacttttc acacggatgt ccgattcggg cgcataatat 120

gtcgcagacgc tcgaaattga acaacggaag ctctcgagaa attccaatgg tcataacttt 180
 tcaactcggag gaccgattca ggcgcataat atatcgagac gctcgaactt gaacaacgga 240
 agctcccgag aaattcaaat ggtcataact tttactcag aggtccgatt ccggcgcata 300
 ata 303

<210> 1820
 <211> 378
 <212> DNA
 <213> Glycine max

<400> 1820

atgacaattt gaattgctct agagattcca ttgttcaatt tcgagcgtct cgatatatta 60
 tgaatatgaa tcggacctcc gagttaaag gtatgaccat atgaatttct cgagagcttt 120
 cgttgttcaa tttcgaggcg ttgatatat tatacgctg aatcggaact ccgtgtgaaa 180
 agttatgacc atatgaattt ctccagagat tccgttgctc aatttcgagc gtctcgatat 240
 attatgcgcc cgaatcggac ctccgggtga aaagtatga ccatataaat atcttgagag 300
 cttctggtgc tcaatattga gcgtcttgat atatatgctc cagaaattga cttgcgagta 360
 aaagtatgac catttgat 378

<210> 1821
 <211> 434
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1821

gagcccgggt agtcaaagag aagttcaagt ctatagccat caaagtctga agagagtatg 60
 atgaactaag ggacgtcaat atggccaccg atgaagcctt ggaatgagaa accaagaagg 120
 cccgaaagga agaacacgac caaaacaagt tttgaggggc tttatagggc agcaatagtg 180
 agctcaagct ccgaagaggt gaaaggaatc atcacgggtc aaaggcatga tcttgaagga 240
 cgagctaaag gcttgacctta ggtcgaaaag aaatttgtcc caacagttaa agcgagactg 300
 aagggaaatat gtgggccatc atcgatgagt gcaaagagaa gctaaatcta gcggcgactc 360
 acgagcanag gctagaggat gagtacgcca agatatcagc agaaagggaa gcangggana 420
 gggtaattga ttca 434

<210> 1822
 <211> 460
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1822

tcaaactatt tgcttcccga gggaaattct ataaacagac ctcccatctt taatggagtg 60
 ggttaccact actggaaaac ccgcatgcaa atcttcatag aggcaataga tttaaattatt 120
 tgggaagcca tagaacaagg accttatgtt cctctataa tagccggaag tgcaacaata 180
 gaaaaaccta gagcagattg gactgagaaa gaaagaagat tagtacaata taatttaaag 240
 gccaaaaata ttattacata tagcttagga atagatgaat actttagggt ttcaaattgt 300
 aaaagtgcta aggatatgtg ggatacacta caagtaacac atgaaggcac aacagatgtt 360
 aaaagatcta ggataaacac tttgactcgt gaatatgaac tttntaggat gaatgtaaat 420
 gagagtatac aagacatgca aaagagggtc acacacatag 460

<210> 1823
 <211> 443
 <212> DNA
 <213> Glycine max

<400> 1823

tggatactct gagtcacctg cagctgcagc ttgaattgat acatcatttg tgtaatcttt 60
 taccagacac aaaagaaatt caaatttcaa gtctgaagag tcacaactct atagaaacta 120
 actgtgtaat caattaccac atttatgtaa tcgattacca tgaagatatt ttcgaaaata 180
 actcccaaga gtcacaactg ttcaagaagt ttttgagtgg ccatcaaagg cctataaata 240
 ggtgacttgg gatataaaat tccttagagt ttttttgaac aacattgtct tatectctca 300
 aaaccaaatt gtcttatcac tctcaaaata ttccttggcc aaaacactcg caaattcaat 360
 aaggaatctt gatcgatctt caattgtaat atccttctct taaagagaga aaattcttgt 420
 tcttcttatt caaagagaat tga 443

<210> 1824
 <211> 415
 <212> DNA

<213> Glycine max

<400> 1824

ctaagctaag gaaccgacac acctgtcggc aacccaaca ctaaacatga gagagaataa 60
aaaagacact tcaactccaat tccaaacctg ttgctgaaac cccaaaaaac ttacaacatt 120
ctatgtttct gttcagagga agaaggaaaa aaaaaaagtt agcgtgggtt tgttgagttg 180
aaaccgattc agctcaagtc aatccaaaca cacatttgga gaagaaaca taagtttcat 240
ttcgattttc aattattcaa tgatgggtcca agagcgttca cttcccaaatt cagtgaactc 300
gaagccccac gcgcgcacgg cggcactggc ctccacgaag agcctcgatt tctccgcgtg 360
ggctctccgac aacctcgtca ggatcgtggc agtgggtgctc cttgtcgcca ccgtc 415

<210> 1825

<211> 368

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1825

agcttagtga ctntttttct ctcatattacc ttttattatt attgtaaaaa atgattgtaa 60
agcatggcta aaatcagggg tctacttaac ttcaaatgcc attcgttcgt ttgtttacct 120
ttccttgat ttcgggttct agtgccaacc tgagttagct agcattttgg ggtatgttaa 180
aaaaaacga tgttaaaagg cagggaaacg cctttaaaaa gctgagctta gttctctcac 240
ttaaccttat agaacgctga tggaaaatat gttcttatac tttaaattct aaagcaaatt 300
tttttcttct caatcagata tcccatatct tttaaaaatt gtgttcgagc gattctctag 360
atatttcta 368

<210> 1826

<211> 447

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1826

atatttctgtg gactntgaag gtttggaacc ttagaatgga ccacatatag agtcatggcc 60
caaggaaaca aatagatcca tggcgtgtac agttttggga tgctntgctt tgagattcta 120

tgttctaagt tccaactgga aaagttcctt tccaagatag gcatcaccaa gggaagacat 180
 tagacaaggt ttgtgctaatt gaaatcangg acattcaact ttttaaataat tgtaattttt 240
 taatgttttc tttttcatgt ctattctgtg attctgcagt atacactatt ttcccataat 300
 ttttagcgaaa caattgaaaa aggaaaagca aaaaaataaa ataaagggaa agcatatgtg 360
 agattgaaaa tncgatttta tctgaccaag taagtgatta naacataata accctttatt 420
 tacataanaa aaacaaaaca aaacttt 447

<210> 1827
 <211> 163
 <212> DNA
 <213> Glycine max

<400> 1827
 agcttgccat ttattatatt accatgatgt ataagcaaca agcttatata tataacttat 60
 atatatacac tgagaattct gtggcgtgtg tctcaatttc tgtgtaagct aggatatcat 120
 tttctgtgaa aaggtatccc tatctctatt ccctaccat tct 163

<210> 1828
 <211> 382
 <212> DNA
 <213> Glycine max

<400> 1828
 aaaatgaaga tacaataaaa tagtgagaaa atatatagat ttctaaatta tttaatatga 60
 aatattcaaa atataaaata aaagtttctt gcccgtaaaa caattctatt tataataatt 120
 ctatttaatt cacataagat tacatttaatt agaagatata catcatttaa acaaaaatta 180
 aagtttatag atggacaact agaaactaag gaagctatag ctagctaagc tactacatat 240
 taataaagaa caaaacatta caagaaaagg aaataattaa aaaaggtaga taaagaaaaa 300
 agtgaggtga aagtttcaaa ttttgtgtgg ttccaggctt gcaaaccaat cctccagaaa 360
 ggaattgttg agaaaaagta at 382

<210> 1829
 <211> 298
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1829

aagagatddd taagtttata ganatgaaag tgtgaagaga gtatgaggaa ttaagggatg 60
 ttaatatggn tattgatgaa gttttggaat gagaaaataa gaaggtnatga aaggaagaaa 120
 atgagtaaaa gaagttttga ggggttttat aggnatgaa tagtgagttt aagcttagaa 180
 gaggtgaaag gaattattat gggtnaaagg gatgatgttg aaggaagagt taaagggttg 240
 gattatgtng aaaagaaatt tgtgttaata gttaaagtga gaatgaatgg aatatgtg 298

<210> 1830
 <211> 391
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1830

gcttgccact acagnagata agtgaacata tgaagtgttc acagtcattg gatgggtgct 60
 tggtagaggt acatgctaata aactaataag atttcctgtg cagggtatca ttgtttttgc 120
 atgactgatg gctaccttgt ggctggagat tttggttgaa tctgcctcaa gtgttatttt 180
 gaaggtagct gagataatct tttgttggtg tttgtttatt atatacctaa atttgggttc 240
 aagactagtt attcaacatg tggattatgt accataagac tgttctaata agtgatctta 300
 aggtaggcag atgatcttat cattgaagag gtgtgtttcc ttctctgttg tggattcatg 360
 acctataagt taatacatga aactgaaaaa t 391

<210> 1831
 <211> 463
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1831

agatntagtg tttgcgagcg aaaggatcga agtaagtctg agaagaggta aatntgatta 60
 tgctgctctg atgaataaga agcctgcggc aaatggattg aataagaaag agggagaaac 120
 ccatgttgtg attgtcgttc ctacatggcc aaatttccca ctagctcaac aatatcaatg 180
 cacaatttct ttcatttctt cttgctacaa ggcatgaca aacgacaaca acatatacct 240
 ccaaacccta caccagggca atgacagaca tcatgcatga gcttcaaaca aacctagggg 300

cagacaagaa gtcctatggc ctaggcaagt taacgaaata aaaaaaaaa caatcaaggg 360
 cgtgttatga aaggttntgt cccaaaatcc aactggttaa agtctctggt caagaattga 420
 aatgacaaat ggtcgtgttt cttcattcca aacacctgat tat 463

<210> 1832
 <211> 431
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1832

agcttgtcan aataattatt ttttcagtag acttcacact catgtctaca aataagctct 60
 cattttataa gaacttatag aataaatgct tagttaactt gtttaccaaa acatgccaaa 120
 gtctcaagta ataaacctag aaaggaagct ataaagaatt gaaagggtcag tcacttgtaa 180
 tttagtaaaa agtcatataa agcttgtaca ttgctgtttc cactaaaagc tatcaaagat 240
 gttgggctat tatcaacata atgaccttat tcgccaaatc tgtgatattt caaatagcac 300
 gcaccaatta atataaatta ttcaaagaga aaaaaaaaa cactgtaata attgatagaa 360
 aactccagac accatatatg atagggacca tattattgac gccaaatgag ataaaatgac 420
 gtcccatatt a 431

<210> 1833
 <211> 473
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1833

ctgactccac acacgttaga naattcagtc attttcttca ttagtgcttt ctttctcttc 60
 gcgaaagcca aatcacgac tctccattt gggatgggct ttaagattaa ttntgggcgt 120
 cccatgttct aaagcatatg cacatatata gaaattgatc aataaagcaa aacttgggggt 180
 catacgttgg ggatagagag atcaaataga caactagttc atgaattgat cgaatgtttc 240
 ggataagatg ttgttctaga aattttaaata aaaaaataat tcaacaaaaa agaaaatcat 300
 caaggatcaa agaagaatgg ttcaagtcta atctctcttc tcatcaagga ttaaagaaat 360
 ttatagaaga aaaagtaaac tggttttgaa taatagcaaa aatgaaagaa aaaagggaag 420

acagaaagaa acaatagaga tatatggata gataataatt ttcctaacag ctg 473

<210> 1834
 <211> 367
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1834

agcttgacaa gttataataa taataataat gttattttat caaattctat cgtattcaga 60
 gtttatttta ttttagatattt attttatcca gattttattc catctatatt ttattttatc 120
 cagattgtat ttcacccgat cttatcttat tttatcaaga ttttagttta tttcgtttat 180
 cgggttgccc ttaaaataga tttgtaaact ttggggctga agacctaata catacatttt 240
 ttaatatatt atgttctttt gtttttttta tatattttgg gctttaacga ctttaataata 300
 atatgatttt gttgatcaat tattcttggg atnttacatt acttatatga cattgtataa 360
 gttttttt 367

<210> 1835
 <211> 427
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1835

cttaaaatnt aaagactgaa ttaatttatt gtttgaanat ttaacgatca aattaaatct 60
 tttaaaattt aaaaatcaaa ttaaattatt taaaataatt gaacgactaa ttcataatta 120
 aacccttttt tttatttttt tggttggtaga cttcgatttc acattaacaa gtatcatgcg 180
 aatacacaac atcgatgttg ttgocaaagg ttaagatttt ctgtctcttt tttcaatccc 240
 aatttccttt tttttctacc aaaccctca tttccaactc tccattatca ctttcactct 300
 aagtctctat cccttgaaaa tggtgatgat gattgttccc aattcaatcg catgttgtgc 360
 atgcatcata ccacacccat cattgaattt aacaagattt tagattcctt tgcaaagatg 420
 atgcagt 427

<210> 1836
 <211> 245

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1836

agctatgagc cattattctg tctcaacata tatcttgact cagngcgaac aatcctatac 60
ttaccctcgc atacgcactg aaagagtacc gcgttattat acaatcaatc gatataggag 120
agagatttat gtcaagcaca tgatttgtat ttcttaacac aagagagctt aaatgcatac 180
ataatgtaat gaatatttga tctcgatgct gtgagaaaga gcattggaga tgtactctag 240
attat 245

<210> 1837
<211> 489
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1837

ntgaggcctg cattacggac ctatgaaact cagccttctc aagtgtgtag cgtggcatat 60
tagcatcgng tatgtgttcc gtacacctct ctttaatttta tggactgcct tcggtctgaa 120
tggtgtttca tcataattcc ttgatgtgtg ctggaacatg tgttcatata aagacacata 180
acatggcctc tcacaccact acaccagatg gtcccatcca aataatgagt atgagcattt 240
tggatatagt gaggcgcacg ttgttgagtg taggactgtc cgagacctta ctgggcaaag 300
ctgcacacgc agcggcctat gtgatcaaca gatgttcac atcagacctt atacttcaga 360
caccaatcga agcttggagt gcagaaccct ctacttacta ccaagtgtag atgtatggat 420
gactagcact tgctcatgct aacaatgaaa cttgctggtg ggctgtatgc gtgagtcatt 480
ggccatccg 489

<210> 1838
<211> 385
<212> DNA
<213> Glycine max

<400> 1838

agctatattg cctaacaagc caacttaca ctttatgccg caagagactc aacataagga 60
tgcacaggtc aaagttgagt atgagaaaag attgtatgac caagtgaagg tgcaaattgc 120

aaagaagaat gaaagctatg ccaagcaagc caacaagaaa aggaaggaag tggtagttga 180
 acccggatgat gatcctggac atttgaggac aaatgttttc caagaaggag ggaatgatga 240
 gaatcctgaa attggccaaa tacaggctaa aggcccaagt ggagaagggc aaaggcccaa 300
 gtggagaatg ctaaagcccc cgagtggaga aggatgaagg cccaagtgga gaatgatgaa 360
 cgcccatagg cagagacact atcaa 385

<210> 1839
 <211> 447
 <212> DNA
 <213> Glycine max

<400> 1839

tataatatat tattacgctc gaaattaaac atcagaagct ctcgagatat tcaaattggtc 60
 ataacttttc acccggatgt ccgattatgg cgaatcacat atcgagacgc tcaaaattga 120
 acaacggaag ctcttgagaa attctaattg tcataatttt aactcggatg ttcgattcag 180
 gcgcatacaca tatagaagcg ctcgaaaagg aacaacggaa gctctcgaca aattcaaattg 240
 gtcataactt tccacactga ggtccgatta cggattataa tatatcaaga cgctcgaaat 300
 taaacatcga aagctctcga gaaattcaat tggatcatcac ttttcacacg gatgtgcaat 360
 tctggcgcat aatatgtcga cagctcga aattgaacaac ggaagctctc gagaaattca 420
 aatggtctta actcttcaca cggatct 447

<210> 1840
 <211> 461
 <212> DNA
 <213> Glycine max

<400> 1840

agctttcaag aaacttgcaa aagttattca aaatgaaaaa gatttgaaaa ttaagacctt 60
 gagaagtgat catagagggtg aattccaaaa tgaagatttt aaaacttttt gtgaagaaaa 120
 tgggattttca cgtgattttt ctgctactag aacttcacaa caaatgggg ctgcagagag 180
 gaaaaatttg tgtttgcaag aactagcaag aactatgtta aatgaaacta acttagcaaa 240
 ttatttttgg acggatgcc aagtacaac ttgctatgtt ctcaatagga ttttaataat 300
 acctatttta aaatccacac cttgtgaact ttacaaagga agaaagccta acatatcaca 360

cttaagggtc tttggaagca aatgctttgt tttgaataat ggaaaactat accttgggca 420
 agtttgattc caaactcaat gaagcactct ttttacgata t 461

<210> 1841
 <211> 370
 <212> DNA
 <213> Glycine max

<400> 1841

cttgaatcta agcttctaag gaagttttct caagaaagct tctcaaggaa gctacctagt 60
 ctataaatag aagcatgtgt aacacttggt gtaactttga tgaatgaaag tcttatgaga 120
 cacacttcaa agttctactt ctccccctct tttattcctt caatttcgtg ctccccctc 180
 tctctttctc tccctctttc ttttctcca ttgaagcacc cttccaagct tcttatccaa 240
 ggctcatctt ggtggtgaag ctcttcttc catggcttat tccctagtgg atggcgctc 300
 ccttctctc tttctcttg ccttccgtg catctccatg gtgaaaaatc accattgaag 360
 gacctcattg 370

<210> 1842
 <211> 492
 <212> DNA
 <213> Glycine max

<400> 1842

agcttaagct tggatatatt aacttaatag gcttttaa at aagcgtaagc ctaacctttt 60
 aattaaatag gtccgttcag atcagacttt atgtaagtca gatcgtaggt ccttataggt 120
 cggctctgacc tattcccacc cctaatacata gggttattaa ttctctgacc ctttaaggca 180
 tattataata tttatatcac tatttacatt taaagaaatt gtatttagac gaggctggcc 240
 taacgattag ttagacttaa agtgattaat gatagtgcta tatatgattt ttcttattta 300
 taaaaattaa taacaatttt ttttttggtg aaactaaaac ttgagtggct tattgtatat 360
 gaataagaaa aaatattgta tctcgtaaaa ttactttcta acaaaataag gggattatac 420
 tggacaaaca agtgtcactt atgttgtgac agttgtgagg aataccttta ctcaccggc 480
 cattttattg at 492

<210> 1843
 <211> 273
 <212> DNA
 <213> Glycine max

<400> 1843

cctgtacctt ttttttttat ctttgatagt gtgttttggg atgttattac cttttttcct 60
 ctggctcact actttccgag gttgatgtaa ctgcctatct tccaatgcc ttctttgagt 120
 tgacttttct ttactaatat gaaatatagc acctaataatt aatttagaga taatctccca 180
 attttttccc atcatgtatg tatgaggtgg agtgcgtttt gtgattctag ctgctgaata 240
 tacttgtcta catatattaa aagccatcaa atg 273

<210> 1844
 <211> 488
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1844

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 atatatcgag acgctcgaaa ttgaatgtgg aagctctgag ccaattcaaa cgacaataac 120
 tttttactcg gatgtctgat tgacgcccga aatatatcga cacgctcgaa attgaatgtt 180
 gaagctctga gcaaattcaa acgacaataa ctttttactc ggatgtctga ttgagtcctg 240
 tcatatatcg agacgctcga aattgaatgt tgaagctctg agccaattca aacgacaata 300
 actttttact cggatgtctg attgagtcct gtaatatatc gagacgctca aaattgaatg 360
 ttgaagctct gagccaattc aaacgacaat aactttttac tcggatgtct gattgagtcc 420
 tgtcatatac cgagacgctc ganattgaat gttgaagctc tgagccaatt caaacgacaa 480
 taactttt 488

<210> 1845
 <211> 590
 <212> DNA
 <213> Glycine max

<400> 1845

gacactatag aaactaagct taacattgaa tttcgagcgt ctcgatatat tacgggcctc 60

aatcagacat ccgagtaaaa agttattgtt gtttgaattt gctcagagct tcaacattca 120
attccgagcg tctcgatata tgacgggact caatcagaca tccgagtaaa aagtcattgt 180
cgtttgaatt ggctcagagc ttcaacattc aatttcgagc gtctcgatat gtgacgagag 240
tcaatcagac atccgagtaa aaagttattg tcgtttgaat gggctcagag catcaacatt 300
caatttcgag cgtctcgata tattacgaga ctcaatcaga catccgagta aaaagttatt 360
gtcgtttgaa tttgcctcag agcttcaaca ttcaattttg agcgtctcga tatatgacgg 420
gactcaatca gacatccgag taaaaggtat tgctggttga ttggctagaa cttcacaatt 480
aatttcgagc gtcttgatat atgacggact caatcagaca tccgagtaaa agttatgcgt 540
ttgaattgtc taaagcttca caataaattt gagcgtctcg gtttatgacg 590

<210> 1846
<211> 817
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1846

cacaggaagg gagagggaaa atacataaga agaaagctnc gggagagaaa aaaagaacg 60
aataagagcc ccntgggttg agctgtgaca ggcgnntngg aaanagcgag ggagaaagaa 120
aagaagaaaa ggaggggaaa attttttgtg aaggggaaag agagaagggg gggggaaaaa 180
ggagaaaaat gggaggggaga aaaagagagt gttgagaaga gaagaggggg aagggggaca 240
agcagaaaaa gaaaaaggta aaagggtcag gaaaggaaaa gaaggggaaa atgagaaaag 300
gagagcaagg gaaaggagaa gagaaaaaaa agggggaggg aaaaaaaaaa aggagaaaaa 360
gataaaggaa aagagaagga agggaaaagg gaaaagggaa agaaaaagag ggagaaaaga 420
gggggaaagg aggggagaag agaaaggagg gaaaaagaag gaaaagaaga tgggggagaa 480
aaagaaggaa agggaaaaag aagggagggg gaagaggaaa gaaaaatggg aagaaaaatg 540
agaagaacaa aaagggggaa gaaaaaaaaga ggaaggaaaa aaagaggaga gaggggggga 600
gaaggaaaaa aagagaggag agaaagggag gaaaagaaga agaaagggga gaatgaagag 660
ggaaggggga agaattggaga aagaaaaggg aagaaagaag gagagaatga atgagaagag 720
aagaaggaga aaaggaggaa gaaagagaag ggtaagaaga gaaaagatag aggaggagaa 780
gaggaaagaa ggagaaggag gaggaggagg aagaggg 817

<210> 1847
 <211> 836
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1847

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ttggtctgat cgatgcnatg gcgacacccat ataatatcta agactgagac gaggaagtgt 60
acaaaggtga aacttcctgc ttctatTTTT tgttattgat gtggtcccg agatatgatc 120
acgggggtct tgaaaccttg gggaccgctt gtggggtgct aatttccata accaagcttt 180
gaacaattgc gaacgtaccc actcgtatgt tgtcaaacag aacctgtgtt aggactaaac 240
aggtagagctt ttgtcgggca agatatatgg ggaacataca ccacatacct taggggcctg 300
ttgctggctg gccagcatgt agatatcgtg tgaatatggg gttgcggtct ctcgttattc 360
tattccaaag atggcggtcca catttaaattg ggttcaattt aagactgtat gcttagaatg 420
tattttgggtt attgatatat agaggatgtg acctattgcc ttctcggaaa gatggaaagg 480
atcaattgat acattacact aatgcagttc gtatggtgac cattgcctaa atctttttgt 540
agagatggtg ccgtatgtcc tttctatatt ttgattagat cctattggga tgatttctag 600
tcaaaagaat ttgatcagat tctcttgaaa tattagctta tttggttggt atccacgtga 660
acgaacagaa ttgctttgca aactacccta tcggttcata tggaaaagaa gcgcaagcga 720
ttcgattcat tatgaatagt aaatagatac accgtattgg gagtgtatgg tctacgtttt 780
aattttcatt gaaacgtcaa tgggttcgtg tctttcttgt actccaatgt gcgtcg 836

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<210> 1848
 <211> 285
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1848

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gtgatgatgt ttatatgctg aaattgccta tggaaactgt tagagatgaa gggtagagtt 120
aacctagggt tagaaagtga gaatgtggtg ttgtgagtgg aaaaagagtg aggctttgag 180
agttgaaagg ctaagtctga attctgtggt aaatggagat taaaatgagt taatactagc 240

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ttgaaatgtc atttacgaca tgtgagaaag gttacgctga cctac 285

<210> 1849
<211> 515
<212> DNA
<213> Glycine max

<400> 1849

tcttatccaa ggctcatctt ggtggtgaag cttcttcttc catggcttat tccttagtgg 60
atggcgcttc ctctcacctc ttctcctttg tcttccgctg catctcaaag gtggaaaata 120
accattaaag gacctcattg aagctcaaag atccaacctc catagaagcc ctacaagcaa 180
gcttccatca agtggtatca gagcacaaga gcttcaagta ggtgatcctt aaacctccat 240
taatttttgg ctttatcttc tcttccattg ttggttcttc atttttcccc atgtatctcc 300
ttacatgtct tgtgctaaat gttgttaaca taattcttta gagttttcac cgattaaact 360
tgctataaaa gctagatttg attttctatg gttcaaattt cttgttcttg ttcttgaacc 420
atgaatagtg ttgagtttaa gttcctttga gttttggcat gctatttttt gtggatgaaa 480
cctaaaccat aaaattctta ccaaaatatt aaagt 515

<210> 1850
<211> 82
<212> DNA
<213> Glycine max

<400> 1850

agcttgtgtg gctctatcca tatttgaagc ttattatctc gctgctgctg gttgttgtgc 60
tcatatcttt tggatgcaaa ca 82

<210> 1851
<211> 301
<212> DNA
<213> Glycine max

<400> 1851

gtaagctggg tgttaaacca aacttttagca atataaaata gtttatgtta cacgggactg 60
aagtgtccca aattgcaaac tgataaaaga caagaaattt tgtttgcagg tacttactcc 120
ttcgtactcc ctccaaggag gcttcccat gaacatttct ataattgtac aacccaaact 180

tcaaatatca acaacgaaag caacgtcaaa gctgttatct ttttgcacaa ccgcttgaaa 240
aagctacatg tatgtggaat aagtgtttat agagaatgca tgagacatca tgaagtaaaa 300
t 301

<210> 1852
<211> 553
<212> DNA
<213> Glycine max

<400> 1852

agcttccact cctttgatgt ctctattat acctgcttcc ccggaatat acctgccaat 60
tacctcccgt aggtttttta tgagtagagg gggtaggtc caagtaagtt tgaggttcat 120
aaggcaaatc tgtagctgg cccaactgag gccacattg tatggactta gcctgctggt 180
cagctctgtc ttccttatca tatatttgtt tatttgcctc ctcatgatg tgcttaccct 240
ttagcctgct gtccagtagg tccatttaac ccatgcaatt tttttctgat caaggccacc 300
accctatagg aacctcctct ggattagccc cgattggtat tcccaaataa gagaaaggca 360
gaggcatgat ttgcaattt agataattgg cagcctgcaa ttttcattgt tcagataggc 420
ccaacacccc acagctgctc ttcccataat ttattttaag tcccttgctc agctgagatc 480
ttgctgactt tcaacacacc cgcccttccc accccgaaa cacacacccc ccctctacac 540
agtccccct cac 553

<210> 1853
<211> 934
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1853

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gagaagatta ctgtgtctga ntctntaagg gtnnnnnnnn nttgctgctg nctctattag 120
cgacacntan aannanaaaa ccnagcccc taacagnaga caaaagaaag aagggcttca 180
gaccgttcat ccgcgatgga ggcaggctaa atccggggcg acgtggaaat ggacacccga 240
aagcaccaag gacggtgtgg acaacaccgg gaaaaaaagg cactaaccaa ggaaaacagg 300

gccaattta gcaaaccgc ccagaacccc cgaggagg atgtaccatg taaaatgaaa 360
 tgggtctcac taaaaactca ggactcataa aacgattgga gcaaaccaccc tcaacaatgc 420
 tggacacttg caagaagggc ggagaaaagc accaggccat catgaaggca aaacatactc 480
 ccccccacgag ctggcccgcg gggggggaag aagtatcaaa aacaaaagcg gaggggag 540
 aagaccaaga aaaacccgag aaaggctcca agtntggaag ccctgagggc gcaataaccc 600
 ctcaatcccc cataagacac accgagaaga ggaagaaggc ggcgccaca aaacctggag 660
 acaaaccgtc aaggccgca aagaaaaccc tgagaacaag gaacggcaat tccaacaaaa 720
 actgaacaaa gggcccttac aaaccaaagc ccgggacaaa acaagggcta cggccaggac 780
 taacggaagg accagggcaa caaggctcgt tgccccgcaa ggaccacacg aaagaccgaa 840
 tggaagcgca ggagaacaat aacacatgca ccgcgaccgg cgcaggtacc gcaggcccca 900
 acaaacagc taggaacgag cacaagatg gcc 934

<210> 1854
 <211> 600
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1854

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 agcttgtaac aaatgttcta cacttgagat gatcacatgc agtcctcttg aaccttacc 120
 accactctg tcttcatgcc gagactcgag aaggctaaca ggtttagcct tctctaagta 180
 ttctgaacaa aattcaatgg cttcttctgc aatgtacctc tcaacaatag atgcttctgg 240
 acgatataga ttctttgtat acccttttaa gatcttcatg taccgctcaa ccggatacat 300
 ccatcgtaga taaacaggac cacaacattt gatttctctg accagatgca caatcaagtg 360
 aatcatgatg tcaaagaaag cagggggaaa atacatctcc aactggcaca gtataattgc 420
 ggcctcattt tccaactcat caaacttgac aggactaatg actttgctac atatagcatg 480
 gaagaaaaat cacaggcgag ttatcactaa cctgactttg tttggcaaga tgtcttgtat 540
 agcccaccac taacaaatgg ttgcatgagc acatganaat cgtgagactt ttaaccctac 600

<210> 1855
 <211> 449

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1855

tgtcaagctc cccacgtagt ttctgcatat cccattacca agagattggt aggctcaagc 60
atggcttaaa acaggattag gctcctctca aatgagggga acacacttta gagtttgatt 120
tcatcacaat taactattgc gaatgcactt cctcgcttta aaggagccat atcccttata 180
aagacaaagc atcagagctt tgctgggaaa ggatagaggg aacattaccc ttattaactc 240
gatgacactt ttcgaagcag agaaatgacg gtaacctcca agcatgtcaa tgccctcacc 300
acttttgcta gggacaagat taccaccaa tagaagtagg gcataatctg aaatgttcgt 360
agagtcttta atatagatgc tggtagttnt caccttttca ctatacacca tgtaaggaag 420
aggaagaga taaatcccag cattaacag 449

<210> 1856
<211> 229
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1856

agcttgggag gattgatggg gacccggtgn ngtgnataaa cgaggatatg ggctacgtgg 60
gagtacgtga gctcagttgg aggtgggcaa catgggatgg tgggtttatg cgcgattgt 120
ggatgtggaa aacttgttgt gcaccatcgc cggaccgtta cctaatacca catgtgatgg 180
ttaccctata ttctcctgg gattctttac tgaagagttg aacggtgaa 229

<210> 1857
<211> 464
<212> DNA
<213> Glycine max

<400> 1857

tgatgaagaa tgcttgaag ttttttagac tttgaatgaa aaccttgtat ctgccgcaat 60
aatggttgta tctgactaga gtaaggagtt tgagttgatg tgtgatgcca acgactatgc 120
tgtgggtgca aatctaggac atcgacgaga caagatattc catgccatat actatgtcaa 180
caaggctctg aataacgcac aattgaatta tgcgactact gaaaaggaaa tattgggtcaa 240

cgtctatgcc ttagagaagt ttcaatgctt tctgggtgggc tccaagggtcg tcatcttcac 300
 agatcatgca acaatcaa atcttcttac caaggcagat tcaaagccaa ggttgataag 360
 atgggtcttg ttgattcaag agtttgacat cgtcttcaaa gacaagaaat gatctgagaa 420
 tgtaatagct gaccatttct cccggtagt gaatgaagaa gtga 464

<210> 1858
 <211> 896
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1858

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 tcgctataca tagttataat tcacaaagaa nnnntnnnt ggtctgacgc tgcatacnt 120
 ggccnntnca ngaagaannc aaaactcaag ccactagact cattcttcag aaactgggcc 180
 attttatctt tcattgctgg gaccagcat tcaggggaca tagcagaatc tatgcgtatc 240
 ggcccaatgc cgaaaaggaa aagaagcatg ctagaaagag ctcttgcca ggacatttgg 300
 cctaagtcac caaagactca agaatccgga tgagggtgtc tcaacaaca taaaataggc 360
 tctttgacta cttcaaggga atcatccatt cgagagctgg aagcaacctataatggctga 420
 atgaacaggg aacacgcgat atatccaagt gctcaatgtg caaaggacta cccagctgtg 480
 aaatataggg gggggcta atgccttaaaaa ctacaggaag gagctttaca aaacaagggt 540
 ctaaagaatt cactccatag gcgctgggta aagggaatat cccaccgaga gtctgaacg 600
 ccatgggagg cgaaacctgc caaggacaac tgggggacga aaagaaacgc ttacatccaa 660
 aggggcgaaa taagacgaac agagccaacg tccagacaaa aggataggga ggcgtcctta 720
 gaaggcccca ggcagacgtg cgttgtaaaa aaccaccgga tgataaaggg acgccccgag 780
 cagaaaacaa tgcagcagga gcaaggacgg gcctaggggg aaccaagag aagcacaatc 840
 gaagggtgctt gaccgagagc gtacccatcg aaggcgggg tactgaacaa aacggt 896

<210> 1859
 <211> 191
 <212> DNA
 <213> Glycine max

<400> 1859

agcttgcttg tggagattct atggagggtg gatatttgag cttcaatgag gtccttcaat 60
ggtgattttc caccatggag atgcagcgga aggcaaagga gaagaagaga ggggagacac 120
catccattag ggaataagcc atggaagaat gagtttcacc accaagaatg cgcctaggat 180
aacaagcttg c 191

<210> 1860

<211> 573

<212> DNA

<213> Glycine max

<400> 1860

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ggtttcattt ttaattgcct tgaatatgtt tttgtgacta aaaatttagt atttttttat 120
ttttgatcca tataaattta tttttcta attttaattctt ataaattttc gttgtttttt 180
caatttttat ccttgtaaga tattttgtat attttttttag tcatgtaa atgtgttttt 240
taactctgaa aaactataaa taaaaaatca taattttaag gaactaaaat taaaaaatat 300
aaactcaaag aaggactaaa aatgaataaa gaaaacttac tggaaccaaa gttaaaaaaa 360
tgaagagaaa aattaaaaaa gaataaactt aaagagaaca taatgtaaaa aaaatactta 420
atgaaactaa aaacatatct aaagtatttt taatctactt aaatatatta tatacgtatt 480
aatctttaca aaaagatatt aaaagcgaca aatgtgtata taatgacttt taaactggtc 540
aattcatttc cttaaaagaa taaaaaaact gtt 573

<210> 1861

<211> 112

<212> DNA

<213> Glycine max

<400> 1861

agctttaagc caattcatat gacgagagct tttttatttt gatgggacgt ccgtcacaca 60
tccgagcaaa aagatactgt cggttgaaat ccgctccaaa gctttcaaac at 112

<210> 1862

<211> 62

<212> DNA

<213> Glycine max

<400> 1862

taaacattca atttcgagag tctcgttata ttacgggact cactcataca tccgaggaaa 60
aa 62

<210> 1863

<211> 264

<212> DNA

<213> Glycine max

<400> 1863

agcttatagt ggagtagcaa cttttatata ccttattttc ttttattctc ttacgaactt 60
atcctttccc acaagatctt tacacaaacc ggttttcaaa cagaacataa aatttgtgat 120
ggacatgcga gtccacttta gtctgggtgt agacctaatt cccaaggcgg gaagcaatag 180
caatgtgaca aaagctatct tctttggctg atgaaatata tagatgctga atcacctact 240
cactaaaaaa gagccgtgtc ggcg 264

<210> 1864

<211> 474

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1864

tgatcaaaac aaacatctaa tcattccaat ccactcaatt cattcatttg ctcaattaat 60
tcattcgcaa acactcattt catacaaaac aatccactac atatcatttt caatcagctc 120
actgttcaaa caagcttttt gtacaagcaa tcaactcaaa gtactgaaat gtttaaagac 180
tagaattaaa acaactgaaa tataaagcaa actaaatagt tggtaaacta aaatgttcat 240
gctttgtaga aattaaacta aacacgattt aaacaactga acagaattta aacatcttgc 300
tcactttgtg gctgatcttc attaagatcc agtgctggag ctactgatga atcctgaata 360
agctactctg gctccatgac tggatgaagat agcaaggctc ccttaggagc aggtgcatga 420
gatggctntg gtatctgac agtagaagtc tcctcctgag ccatgtgtac atct 474

<210> 1865

<211> 370

<212> DNA
<213> Glycine max

<400> 1865

tctatataag ctgaaccatt ttatcaataa acacaagttg agttttattc agaaaattag 60
agtttatctc ttttatctta gtgagagtga ttctcctaaa ttcttgagtg attcaagaac 120
accctggctg tatcaaagga ctttcacaac ctttgtgtgt tgccctcgct ggaaagagtg 180
attctttcct tccaatcctc tccacccttg ttctttcaaa ccacaattcc agaaaatcca 240
cctctgcccc aaattatctc gtgaaaggtc tctgtttgaa attcaattta ggctcaagaa 300
tcacttaatt tgagtgtgta aaatgggaat tatggtcacg agataatttt ggccgaataa 360
atgggaaaat 370

<210> 1866
<211> 138
<212> DNA
<213> Glycine max

<400> 1866

agcttttagta atgggctgag ttagataaag gacatactat acacaccagg ttaaactga 60
ttcaatctca cgtttttaat gcttttttcc ttaccactg accaacttca tgaacgtgg 120
tggatttgta tggagtgg 138

<210> 1867
<211> 428
<212> DNA
<213> Glycine max

<400> 1867

tcacagtgca tatcaacctt gagtactatc tctgggggct cttcatcctt tttctcttct 60
tccttctttt cctctgtggt ctcttctttc ctttcttctt ccttggtctc ctttaacagc 120
aaagagaata ttaattgaat atagcaaaga tgtgactgaa aaatctccac catgtgtaga 180
actagagtat atatggcatg cattacttga taatgatgcc accaccatat atatcataga 240
gcagacatta tatacaaaaag atcataaaaag ttaaaaaaat gcatgatcct agtcctatag 300
tgtagttagt tctaaggcta aagttgtcga aaaaaggaag agacagattg attaagaata 360
aatagacaag aattttctgt gtaagagaga actcttactt caccctattt ctgtgacaat 420

gaacaatg

428

<210> 1868
<211> 751
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1868

cttatctcta tatgtaatcc ggagnctttg caattgcgcg cgggaataag cctgggggggc 60
tccccacccc acccaaccaa cgctctccgc tctctccccc gccaccaccg cccccacacg 120
acgccccccc ctctccctcgc ctacccctc tcagtccctc gctccccctc ctcccccccc 180
tctcccccat cgtccacac cctctccctc caccctctcc cccccctcc caccctccgc 240
acccccctct cctctctcct caccaccccc tctctccccc ctccccctcc cccccctcct 300
caccctcac ccataccct ccccgcccca cccaccctc tctctctccc gccccaccaa 360
ctctctctc tctctccct ctcccacccc tgccaccccc acctcccccc cccctccacc 420
cgtccccccc accctctccc ctacccccct cccccccccc cctccccccc cccccccccc 480
cctccccccc tcgccccccc ctccccgccc cgccaccccc cctaccttct cctccccctca 540
tccccctccc cctccccctc tctctcccta cccctccccc accccctccc tctctccctc 600
ctccatcgac cctccccctc ccgcacccc cccctccacc cccccccact cctctcccc 660
ccccccnct cactacctc tccccctcgc ccttccctca tccccccccc tctctcccc 720
ccccccccct ctctcaccct cccccctccc c 751

<210> 1869
<211> 256
<212> DNA
<213> Glycine max

<400> 1869

caccggcgag cctttgaatt gcttcgatta agtatctatg agacacatgt ttctaccat 60
accctttgac cagctcctga gcaagtaata tggtatcctg gatattccta ccaggaataa 120
aagctgaatg agtggttttc accacactat ttatcacatc actcagtctg ctagtcaaaa 180
tcttcgatgt gaccttataa attgtgctac aacatgatat tggcctcatg tctttgatgg 240

tttttgccctc cgggga

256

<210> 1870
<211> 420
<212> DNA
<213> Glycine max

<400> 1870

agcttcaaca ttcaatttcg agcgtctcca tatattacgg gactcaatca gacatccgag 60
taaaaagtta ttgtcgtttg aatttgctca aagcttcaac attcaaattc gagcgtctcg 120
ttatattata ggactcagtc agacatccga gtaaaaagtt attgacgttt gaatttgctc 180
agagcttcaa cattcaattt cgagcgtgtc gctatattac gggactatat cagacatccg 240
agtaaaaagt tattgtcgtt tgaatttgct cagagcttca acattcaatt tcgagcgtct 300
ccatatatta cgggactcaa tcagacatcc gagtaaaaag ttattgccgg ttgaatttgc 360
tcaaagcttc cacattcaaa ttcgagcgtc tcgctatatt acaggactca ctcacacatc 420

<210> 1871
<211> 368
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1871

ntgagcaaat tcaaacgaca aaagcttttt actaggttgt ttgattgagt cccgtaatat 60
atcgagacgc tcgaaattga atgttgaagc tttgagcaaa ttcaaacgac aacaactttt 120
tactcggatg tctgattgag tcccgttaata tatcgagacg ctcggaattg aatgttgaac 180
ctctgagcca attcaaacga caatcacttt ttactcggat gtctgaatga gtcccgaat 240
atattgagac gctataaatt gaatggtgaa gctttgagca aattcaaaca acgataacct 300
tgtactcaga tgtctgattg cgtcccgtaa tatatcgaga cgctcgaaat tgaatggtga 360
agctctga 368

<210> 1872
<211> 533
<212> DNA
<213> Glycine max

<400> 1872

agcttttagag gactacacgt cttcgcccttc agaggactac tagtcctcgc cttcagagga 60
ctacacgtcc ttgccatcag agggctacac gccttcacca ttagaggact acacgtcctc 120
gccatcacia gactacatgt cctcacaatc agaggggaac acgccctaac ctttagagga 180
ctacacgtcc tcgccgtcag aggacttcac gtcgtcacct tcagagggt acaagccttc 240
accttttagag gactacacgt cctcgcaatc agggggctgc acgccctcac cttcagagga 300
cttcacctcc tcgccatcag agggcagtag gccctcacct tcagaggact acacgtcctc 360
gccatcagag gactacacgc cctcaccctt agaggactac acgtcctcgc cattagagga 420
ctacacgccc tcgccatcag aggactacag gtcctcccct ttaaaggact acacgccctc 480
ccttttagac gactaccgc tctcccctt aaaggcttcc acgccctccc ctt 533

<210> 1873
<211> 258
<212> DNA
<213> Glycine max

<400> 1873

ttttggagta gaaacatggg accaactcat tttatttttg aaagtcgtat caagtcaaga 60
tctgagagac catacaagtt tcctagcggg ttctaattat atggggcatt aagtctatca 120
tatgctgaca atagctgaga agcccatgaa tttcttccgg ggcggagtaa gtgtccgcca 180
ttgccctggc tatggctaac aatcggggaa gttcttgact cccgttcaag gtaagagcag 240
accgatccat tcacatgg 258

<210> 1874
<211> 163
<212> DNA
<213> Glycine max

<400> 1874

atcatctatg atcctatatt tgcacaagaa ttattgtgct tgcgttggt ttaccctata 60
acatgctgga acaactcgtt tctttttcaa caaataaaaa tgactagatt gtattaataa 120
caggtaaacc aacctatttc acacatgctt ctcaagcata ttt 163

<210> 1875
<211> 471

<212> DNA
<213> Glycine max

<400> 1875

tacttttttc tttcctatag atgggtttcag ttactatatc ttttatgaca gtcttgagct 60
ggtcacaaaa ggtcaaacaa tagactatgg aatgaacctg cactttgtga gcttaattga 120
tatgtcaagt tacaatttgt ctggaataat acctcccaa atgttcagcc tcattggatt 180
gtactccttg aactttttcc acatcaaatt aacaggacaa ataccaaatg agattggcaa 240
cattgaaaac ttggagtcct ttgatttctc aacaaaccaa ctctgggggtg aaattcctca 300
aggcctttcc aatttgtcct ttcttgcttc cttagacctg tcatttaaca atttcacagg 360
caaaatacca tcaggcacac agctttaagg gtttcgtgca ctgagctata taggcaatcg 420
caatctttgg gacctccact ttcaaaattt tgctgcaggg tagtgaacct a 471

<210> 1876
<211> 379
<212> DNA
<213> Glycine max

<400> 1876

agctttgaag tttttcacct tctcgctaag ccaaactact ggcttagcga gcgtccgcta 60
agcacaacac tcatgggcta agcgcggtga agactctgga agaagataag ttgtacaggt 120
tcgttaagcg caccgcttca tctcactaag cgcaccgctt cagttcatcc gctaagcgag 180
aaaggcacgc gctaagccga aattcactaa tgtgcgctaa gtgggccata agtgtgctaa 240
gcgcacgagc acgaacacga ccacctatct aagcctgaaa taagatttta gagggagttt 300
ggattgggat tcagagcttt gcatgtctag agtttctaga gagagaaagg tccaagcttc 360
aagagttttg agagatttt 379

<210> 1877
<211> 422
<212> DNA
<213> Glycine max

<400> 1877

tgactattgg attccaaaat gatgggaaaa ttaatgatgt tacacacaaa atataagttg 60
ggtgggttaa ttgtagaaac acgagtgggt atttgtgacc gtaaggaatc taccaaggtc 120

aaaggaaagt tttattgtac tgctatacga ccaacaatac tctagtaatg agtggtgggc 180
 tttaaaaaga ccacaagaaa aaagtgagag tagcataaaa gagaatgttc ggattaatgt 240
 gttgtcattc aagaaagggc aagatacaaa atgattgtat atgagaagat attgatatga 300
 cacttatcct gaagatgaca acaaaaaatc aattaaggca gtttgaacat atgcaaagaa 360
 ggccactgaa ggcaactggtg aggagagtag attacatgaa ttttagccat ttgaataaaa 420
 at 422

<210> 1878
 <211> 189
 <212> DNA
 <213> Glycine max

<400> 1878

agcttgtgtg ggttccactc cagaatccaa attcaaaagc aaaaatagtc attccttgat 60
 ccatatgggc tttattgggc ttgtaacatg gtcagggggt aagaaggcta tgaaagaaaa 120
 gatcaaagag gctcaaagag tgtttaaggg ttatattgag taagaacctt gagatccttg 180
 cctgtactt 189

<210> 1879
 <211> 327
 <212> DNA
 <213> Glycine max

<400> 1879

tgcctcaaag aggtccagga aggacaaggc ggccgatgga acttggtccg ctctggagta 60
 tgacagtcac cgctttagga gcgctgtaca ccagcagcgc ttcgaggcca tcaagggatg 120
 gtcgtttctc cgggagcgac gcgttcagct catggacgac gagtataccg atttccagga 180
 ggaaatatgg cgccggcggg ggacatcact gggtactccc atggccaagt tcgattcaga 240
 aatagtcctt gagtattatg ccaatgcttg gccaacagag gaaggcgtgc gtgacatgag 300
 atcctatgta aggggtcagt ggatccc 327

<210> 1880
 <211> 888
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1880

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ccacatagca cttcgctgca canacacnan agntaanccg cccgcacgct gccttccata 60
taggactgca tagcctgceg catttttatt ttatttgceg gaacctgctt aagagcgacc 120
cgcgcctagt gcatgatgaa gcctttacat tctttcaaac agttgtgaag agatactcct 180
ctctcttgcc atctatcaag actaccttgc gcctcacaac ctacagggcc agcaccccc 240
ctaactcttt acaagcgaca ctcgctctc tcccttgca caccgacttc ctcgctctcc 300
ctccctccga ggccctccta gccctccacc ccagaggct ccacctcac atccccctcc 360
cgcgcgtcgc ctccccctct cctcatacg accttcccc ctccgcccc ctaaggctcc 420
tccctctcc ccttccagct tggctactgc ccttcccc tccaccccca cgacacgctc 480
gcccgtcaca acctctctcg gttaccccc tccgacccc tccgaccccg cctgccatcg 540
aaatctgact cgctctctta ccaccttg cctccccccc cctcccccg cctctgcgc 600
tctcttccg tcttccgtct cactctctta cccctcttcc cctccctact caccctctc 660
cctctctta caacacccac ttctcccg ctactatact cgctgctccg cctcacctc 720
gtaccacgcc ccgcttctcc gtctctcgc gccactgcn ataccactc tctttcccg 780
ccaacgtcac cgctccatt ctcttctct cgccccgct ctccacctat tctacctct 840
actctctct ccgctcccc taccgcgc ccgtacctac ccggccg 888
```

<210> 1881
 <211> 301
 <212> DNA
 <213> Glycine max

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<400> 1881

agcttctagc caaatggact taccttgaat taattccttt ggtagccctt ttgagccttg 60
tttccctttc cttgttttga agctcactac aagccttaag tgaaaaacca tgatattacc 120
atatacttaa ggaattttgg agctttggaa ttgttttggg aataagtgtg ggggggttact 180
gcaagcctat agcgcataag cctacatttt gaccgttggg atctactacc aaacatccac 240
accttactct gcactacact ttccacagcc caccacacac aagcattttt ctgcacttgc 300
g 301
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<210> 1882
 <211> 431
 <212> DNA
 <213> Glycine max

<400> 1882

ttacagcaga ttttagtaat gaccactaa cctagaatta aatttactta atgccattaa 60
 cctaggggaat taaaagaact taatggctgt gaaattgtgg caacccaaaag tcacccccaa 120
 cagccaacaa gtcattccacc atttgggtctc ccaaaaggct gatgcctaag ttgccaattg 180
 ggcccttatt acaacttgaa ctaaacttaa ctaaagccct tttagggtgat taacccaaaa 240
 catatTTTTg gtcagtcaac tttaccagga ttgggccatt atttatacaa actaaact 300
 ctaaaattga gacaaagtgg tgccatttag tctccttca tttgggccat gatacaactc 360
 ataaccttgg acttttcttc ttgaaacttg ggcatgtatt caaatagtat ggacaact 420
 tgttgatgag c 431

<210> 1883
 <211> 186
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1883

agcttccact tattagtga tagctccttc aagaatttag catatcttgg aatttgcttt 60
 attgcatcca gcagaggcat gtttacctct acttttccaa atgtttccaa gatctccttc 120
 tctgcctctt ccattttttt gntggaaatt gctcttggag ggaatggaaa agggatatgt 180
 tgcttt 186

<210> 1884
 <211> 886
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1884

natatatcta cgtagtanct gtcactatan acatactnnn ngccttttga gatcctaaga 60
 aaagagagcc atatgtaatc ttgaggggag caaggcttcc ctttttattc tgggaanagc 120

gccaccggag ggcctgagag ggtataatta taatcgccca cccacgtgca cccaatcgga 180
cctcacgcgc atagaaggaa ggaaaatatt gcggcacggc caaacgtgac ggggtggcgaa 240
caaaagctcg agccatgcta caaaagcccc cgcaagaccc aaatgaggaa aaacggatag 300
tagcagatgc aaaggatcga cagcagata ccacacaccc cggggcgctc ggaacgacat 360
cgcagccata tgagcgacgc gcccacgaac cccgtaaggc atagggggcca caagaaagac 420
gatagaagaa gagaaacaca agccactctt cgacgaagac aagagctcag acacacatcg 480
taagagccgt cgaagaaaag aaggcggggc acgtgacaga cgaggcgag cacaacacag 540
agtgagcccc gacagtgaag accccgatca agtatacggg ccatcgaaga atcgaaccga 600
tccgatggac gtcacttga cgcaacacaa gcttgctac agcaacgact aagaatggca 660
cgtgtaccaa ccgtatcgca atacgaaaag ccgactcgct ctctgacgac agcacacagc 720
tgtgtacacg atgcaacaga ccccgacatg aactcggaaa cgcttgcgaa ccgtatacta 780
tatgaggacc cgaactggga ggggtactcaa acacaagaaa tgcaacgcca gcagctacaa 840
catggtggcg tgaacgcgga ctccgataac aagaatcgag aaggct 886

<210> 1885
<211> 462
<212> DNA
<213> Glycine max

<400> 1885
agcttattcct taaataagaa aaagtatccc tcccattata atccaaagtt tgataaaaaa 60
aaaaaaagaa aaaacattgc tgtttcaata gcaatatcct tacaatatct ctgctggataa 120
gctcctgaag tttaaacata atgcgttgac gagtggatgat aggagtattt ttccatgaag 180
gaaaagcttg cttggctgca ctaactgcag ctttaaactc ttcatatata gttaaataa 240
cttgagatac aacttcttgc gttgcctgag taaagataaa tattcaaatt actttttaca 300
taaaccatca caatgctaag aaaatttcaa gcaaatatca ttgaaaaaca tatcaactta 360
cgggatttat aacatcaatg attacagaac cctgagaatt tacaatttc cccccaataa 420
aatttgagac ctttagctac ataccaataa aaaaggccat aa 462

<210> 1886
<211> 424
<212> DNA

<213> Glycine max

<400> 1886

cgtccaactt tagaagcaag aaacccaaaag aagaagggca gtcttggttt ctatgtcaaa 60
gtgcatatat tagaagttgt atatgactag aagtatcatt ttggaggtag tttaagtcaa 120
ggggcagata ttggaagctg cacatgactt aagaatcatt agaagatgca atggtttgac 180
tacaagtgaa gataaacatg tctacatagt caagaagcac acattgagag ttgtaatggt 240
caacaccatg catcagtgtg ttgatgcatt accttggtga agcactcttg atccaacaaa 300
tctaattcaa aataagagag ataagctcta ctttagcaag ataaccatga agaagaaatg 360
tagtcattca caagctgcaa atagtaaaaa agaatgaaca ccatttctgc gaatgactca 420
cttt 424

<210> 1887

<211> 523

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1887

agcttcccca acatcaaagt aatacaacat tcatacagca canactatca cagccaagaa 60
aacagaacaa aggcagaaaa ctctgccaaa acaccaacca aaaatcacag cttttccac 120
tcaaagaccc cagtaacaat tccttcgata caattcgtaa accgttggat cgactccaaa 180
attttactgg aagtctatag tgcataagcc tacattttga ccgttgggat ctactagcaa 240
acatccagaa ctcatctgc actagacttt ccacagccaa ccacacacaa gcatttttct 300
gcacttgtgc aaaattctgc tgcacaattt cacagcaaaa attctgcata agtgcagatt 360
tcgaaaatca cccttcctct catccaatct tgcccaaata aaatcctaca agtcccaaat 420
catgtatcaa acatgtctaa accaaagcca agcttcaaac cacagcaaca caaatctag 480
gtgtccaaaa ccctcaatt caatggcttt tctaggcttg aaa 523

<210> 1888

<211> 443

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 1888

ctaagcttta taggtgaaat caggtgcagc catttccctt agagtcctct cacgaggtgg 60
aggttgtgcc atgttctcag aatgtgcaaa atcagaatgc tcagaatcag aatgctcaaa 120
attataatgc tcaagatcag gatgttcaaa atcaccaata acagaatgca cagattcacc 180
agttatggaa tgctcagaat gatcaaaagg tataaaatga tgccctaacta atctatgaaa 240
tgtcctatct atctcaggat caaaggggtg taagtcagat ggattgcctc tagtcataca 300
ctacattcag catgcacaca actagttgcc ttgtcatgta aataaagggtg taggtttgaa 360
ctacagctac cctcaaataga tatccaaatg acttgaaatt ntgtgagcaa ccctataaaa 420
tgatgagaag atagcacaaa aaa 443

<210> 1889

<211> 152

<212> DNA

<213> Glycine max

<400> 1889

agcttgagct cattgttgct gaccacaaaa gctctacgga atttgtctcg gocatgctct 60
tccttgcgag ccctcttggt ttctttttca agggctcttg cggaagctta attttcttct 120
cgtaactcga cacactcttt tcagacgtct at 152

<210> 1890

<211> 317

<212> DNA

<213> Glycine max

<400> 1890

cgcatttgga gaggttccat caaccgccct aattccgtga tgcttggtgt ttctaagctt 60
taaccttgac ttggtaggac ctcttgccag tttgttttgt ccccatgctt actaaagtga 120
gacaaaaagc tagtgcaaat caaaaactccg atattttatg ggtgggatgg atgaatgcat 180
gatggaatgc atatgacaca gatgcaatat ttaaaagcgg gggttcgggg aatctgaccc 240
catcttagac acaacgatta agggtagcaa atggcccaa cgtacgtttt taataatgcg 300
acgcaaacc tccgttg 317

<210> 1891

<211> 376
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1891

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agctntagga ctcgcccccc attccttata ttcagaaata atatacaatt caagaatttc 60
tctttgtccc ttaatcattt ctaatttctc aaatgggcaa tgcagaaaat gcttatttca 120
aacatatcca atatccatct cctcaaaca cctccaaatg ttcttaatct ccaaaagttt 180
aggtaactaa aacaaaggat attttttaat atgaagatat gaagaaaaat tgagattcct 240
atcatctaga ataaaatcga aaatagggtg tgcgagcatg tttgcacggg tggacagaca 300
ttacaaatat ctcacgactt aacttccaat ctgttaaag attgtaagtc ccatcataca 360
tcacatgata gtcttt 376
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<210> 1892
 <211> 511
 <212> DNA
 <213> Glycine max

<400> 1892

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ttggggctgg aaaactttat aatagcacca aggttctagt ttagctctct ctcttctctt 60
tctccttttt tttcgttttt gcaattcaag ttctgacttt tcatttttagc aataaaattt 120
tgttcttcaa tctataattt cgttctctat tgattaatgg aaggctaagt cccagcggtt 180
gttttctctt gaggatcaaa cacagttctc tttgagggtc tatcattatt gttaaattct 240
gttcagtttt tcctcttcac taattactct gaatttggtg ctattaattc atgcatgctt 300
agtgcttgat taattgtctc tgcgcttaat ttatgttcat gcttaatgat catttatgag 360
taatttctgt atgtgttgct taatcacata atgaatgcct tatgttaaatt tttgcttagt 420
aatttaatat acggttggat taagtgggtg aactgataaa cgataaattc tcgcaaccta 480
cgataagaga cttgcttggtg aatcaagggg a 511
```

<210> 1893
 <211> 262
 <212> DNA
 <213> Glycine max

<400> 1893

agcttttatt ttctgatgag taatcgttct agtatgtctt gaatgagctc ctcgaaaact 60
 tgatgtaaataaacgaattt ttgtccttcg tttccgagct atatatcctc gtttaattct 120
 ggtcattgaa taattgagac tttgatgaat aactatttga tttttcagct attcttttct 180
 tcttactagt ctattaataa cacaaatgga ttcttccaat gtataaaaaa agaacttcac 240
 aggctcttgc tactataacc tc 262

<210> 1894
 <211> 447
 <212> DNA
 <213> Glycine max

<400> 1894

caggcttcat aagtaaaaaa aatgttattg ctggctagac tgttttctct cttttggtaa 60
 gcatgtgatg tgaactactt atatagttga atttcaagta aaattacagt gtccatttga 120
 ctctgttcc caaatcagta tttcgctttt tgtttgtttt aataggatgg ttggtgatat 180
 atggtttgtt catctttaaa aactgtttca aacccaaaaa aataagaaca attattgttc 240
 tcaaagtgtc tacttactgt tcttgactgc tggccacttt gtagataaac tggacactgg 300
 tgtagcaatt tgtaaattac ttgggacagt ggtatttcat ggcaattttc taggtagta 360
 aaactacaag tagaacacat agactactgt tcaaacaagt caattgtcat ggtttttagtg 420
 aactttcttt tgctactcaa gtttttt 447

<210> 1895
 <211> 450
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1895

agcttgagat gaggaagtgt agaaggggtga aacttctctg ttttattcgt tgaccacaga 60
 gtggtacctg gagatatgtc gcgggggtca ggagaccttg gggacgtcag gtgggggtgct 120
 attgccc aaa accaagcttg accaatcccg acccaaccg ggcatagtca atcagtgaga 180
 acctatgatg tacctaaaca ggcgagctct tggcagtcaa cagataaaaag aaactaagac 240
 cgcaaagcaa ggaggcttgt gtgggtggctg gccagctgtg aactttgatt gatatgtggg 300

ttatggcctc tggtaatcga taacaagggt gggtaatcga ttacaaggct taaaaatgaa 360
gacaggagat taagatggtc tctggtaatc nantaccacn ggggtgtcatc catttaccg 420
tcttacatat gaatgtagcc cgttgtggag 450

<210> 1896
<211> 183
<212> DNA
<213> Glycine max

<400> 1896

tggagcagac aatctatata ctcaagggtg agggggagtg ttttgttttc tgttgcat 60
tattctcagg acgacaataa agttgattta ctctgtatcta ctttggcata gtagatttaa 120
gcttttcccc tatgtaaaac ttggtatggg ctctctgtga ccaaacatta catatattta 180
aat 183

<210> 1897
<211> 180
<212> DNA
<213> Glycine max

<400> 1897

agcttagttt gtttcaaatt gtctgtcatt tttaaaatca aaccaagaaa acattaatgt 60
ttttattttt ttaatttaat gggtgtttct tgggtgagtgt gtgtgtacca atcctgcaaa 120
tagcttctct gctggcaggg ttccccaggg ccacactct tgtgctctaa gcacccattt 180

<210> 1898
<211> 551
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1898

tgagttaagc aagcctaaag aggggtcagg tttagtactt tctgctatag catagaacac 60
aaaagcatga ttgattagag aaatatcctt atatgcatca acttgtttgt tagaaatacc 120
caacactttt gtagaagcaa gttcatgat gatgaaccaa gtaattttga tgatgccaaa 180
agcccaaattg attgattcaa gattgattca agacttcaag atcaagcatc aagaatccaa 240
tccaagattc aagattcaag agaagaaatc aagaagcaac aagtcaagac ttcatatagg 300

ataagtatta aaagaanttt tcaaaaacca aatagcacag ttttgtttta caaaagaatt 360
 ttttcaaatt ttctaagtta ccagagtgat tactctctgg taatcgattg cctgttatca 420
 gtaatcgatt accagtgacc aatttagttt tcaaatgttt gcaacgttcc aaaatgattt 480
 tcaaatagtg taatcgatta cactatatta gtaatcgatt acaagtgaat cggaacgttg 540
 gaattcaaaa t 551

<210> 1899
 <211> 359
 <212> DNA
 <213> Glycine max

<400> 1899

agcttgctgc ctcatgagga atgccttgcg cttatatagc atgaaaaaac ccttcgataa 60
 tatgtatgta tgtaaatgtg tagcatgaaa tgccttgcaa aatggtgaat aaaatgcctt 120
 gcaaaatatg aatatatata gcatgaaaat gccttcgata atatgaatat atatagcatg 180
 aagtgcctta caaagttgtt tggatgggta gcgtaaaagt gtttttcaaa atgtgtattt 240
 gcaagtaggt agcaaaagaa gccttcctaaa aaaaatgtgt gtatatgtat aggatgtagc 300
 atgaaaaggt ttgtcaaaaa atatgtacat ggatgcgtgc ccaaactgcc tttcccaa 359

<210> 1900
 <211> 531
 <212> DNA
 <213> Glycine max

<400> 1900

tgtaggcggt ggatcttctt catcaatgga gtcatttgct tcttgaatat catggcagcg 60
 gaatagagaa ggaagaaaga tgattggaga cccacttca aggagatgat gagtcaagaa 120
 gaagctcacc accacaggaa gccatggata agagcttgaa ggaaggcgaa gatgagtgga 180
 gggagaggga gagaaggggc acgaaatttt atgcctcaaa tgaggtctga actttgaagt 240
 gtaattctca aatgatcaaa gttcaaaaata atgcacacac atggcctcta tttatagcct 300
 aagtgtcaca caaattgga gagaaatttg aatttctatt caaatttcac ttgaatttga 360
 aattgaattt gtggagccaa aatttcaata attatgatta atggaattta gatatggttc 420
 agcccactaa tccaagatca agtccaagat tcttcactaa gtgtgcttag gtgtcatgag 480

acatgtaaaa catgaatgac atgcacaagt gtgactatat gatgtggcaa c 531

<210> 1901
<211> 115
<212> DNA
<213> Glycine max

<400> 1901

agcttcaaaa gcctatTTTT gtggacgagc ttactaggt gagtttgatt ttagccttag 60

tttcacttta gacattaata aattctcaaa agggcgatgc agaaaatgct tattt 115

<210> 1902
<211> 217
<212> DNA
<213> Glycine max

<400> 1902

ctgctctaaa ttacattgg tgctgtgtt tatgggatgt ggttatatgc cattcttgca 60

ttaagagtga tggccactg gttaaactaa ctttccaaat gtatgccttc acatgaatgg 120

cccctaggaa gcttgctca aagaggtcca tgaaggacaa cgcggccgaa ggaacttgtc 180

cctctccggg gtacgacaat taccctttt agagctt 217

<210> 1903
<211> 360
<212> DNA
<213> Glycine max

<400> 1903

agcttgtact attgcgtaag ctttattttg tgtttcgtgt gttatcgttt attttcaatt 60

ttataatggt ttaggattt tgcttcattt cttaaaacta aattaaatga cattgaggct 120

tgagcacgaa tattagagat ttgtggttgt tctcaaccc tcatatacag gttccttgat 180

tggctaatat aatcgaaaca agtattttctg cctcatgttt ctttctgtac agttaaat 240

cttttggatg ctagaaata ttccataaaa tttaactaaa ttatttaact tgtaagagga 300

tttgtggttc ggattacaca agcatataag tacaaccctt tacagtcatt tcaccctac 360

<210> 1904
<211> 419

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1904

ntgctgtgag ctcctagatt taaaggattc tgtggagaac ttttgcgga atatgcactc 60
caagttcttg gctttcttga ggtaaacatt ttgtgtattg ctctgaatca caatttattt 120
gaagttacc accaaggaat ttcattgacc ttttataaat tgggtgtgct tttgtctata 180
ttgcactgtt acaagttcaa gtaccagcac acatatatgg gtatgatggg tacaatgttt 240
taatctcaat ggtgtatcgt gcttttagtca tgtggccatt atccttggtc gtgcagattt 300
aactttttgc gctaactagt atttgtttct tgaatcaata ttaaattggc atttgttttt 360
gattctgcag aagatcttat ttctttgatt ggaaattctt gataggaatt atttgtaag 419

<210> 1905
<211> 354
<212> DNA
<213> Glycine max

<400> 1905

agcttggttg agagagcaat gtcaatattg tcatcaactt cagccctaatt agttgggcct 60
ggaaactgac cgttgattcc catcagaacg tgttccaagc aatctgggtt tctgatcatg 120
tactccacat caaacttgta gtgtctcact attcctccga ttgacaattc taccaaacc 180
aaccatatta tgcacccaac aaaaagagct ttgaagctca ttcttaatta attttgatca 240
gagaaagcct aattagcaat ataacaggaa ggtatcaagt agtagaacga agctattgat 300
gaacaaattg aaagaatagg tatagaggat cgaggatttg gattgctggg accc 354

<210> 1906
<211> 561
<212> DNA
<213> Glycine max

<400> 1906

ttttaaaaa agcggggtaa aattcatcaa tatataaaca agttgttgta attttgatta 60
aatgaaaaa gttgaggatt aaaattaact aaaaaataa ttatttttagc ctgctacatc 120
aacttaatgg ataaaatttg taagtttttt aaaaattaga aataaaatat gtcaaattaa 180

tttgttgagg ataaaattcc tctaaaaata aatcgaaggt agaaaggaca attattttaa 240
 cattccatgt caacttatat ttgaaaaaag ataaaaagtt gaatgtaaaa aatgaaatta 300
 agtttttttt aaaaaataac ttagacaacc caatattcgc agaattctat caatgacatt 360
 ggtaggact atgggtatgt ttggcccaaa ggctctacac acgttcattt ggatgaaata 420
 aatatgccag aacatgtttt gtagccagat aatacagtgt ttaaagccct aaacatcgag 480
 actgagagag agacacacac atagccctat aggagcatct ttagtggtta atcccaagtt 540
 ggatttaaac tactttttgg t 561

<210> 1907
 <211> 333
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1907

agctttgagc anattcaaac gacaataact nttgactgtt ttttccgatg tgccccgtag 60
 gaaattgagc cgctcggaat tgaaaaacgg aggctctgag aacaaactaa cgacaataac 120
 ctttaactcg gatgtctgat agaaccctgt aatatatcaa gacgctcgaa attgaaaacg 180
 gaagctctaa taaaagtcct acgacactaa cttttgactt cgatgtccga ttgagccccg 240
 taatatatcg agacgctcct aaacgaaaac agaaactttg accaaattct aacgacaata 300
 acctttgact tcgatgtccg actgogcccc ctc 333

<210> 1908
 <211> 248
 <212> DNA
 <213> Glycine max
 <400> 1908

ctcagtcctt gagaaactga ttcccagaag acaacaggga gtgtttattg ctgaaaaccc 60
 tagccttgca acaagttcta gggaaagtaga caaggagatg gacaagaaaa tccgcagtat 120
 cgtgagtagc attttaaaag acgcctctgt tctgaagct gatgaagatg ttccaacatc 180
 ttccaccccg aatgtttctg tgctgatgt tgagaaagat gttccaacat actttcggtc 240
 caaatgct 248

<210> 1909
 <211> 76
 <212> DNA
 <213> Glycine max

<400> 1909

agcttttgca ggtcaaggag agtggacttc attctgtgat gtttttagcac tgccgatgtt 60
 tgggatcgtg ctcttt 76

<210> 1910
 <211> 561
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1910

tggactttta tgatttttga atgatggtta tgaaaacaat agatataata ataaagggaa 60
 tgggtactgat aatttgagaa ggagtagaag aaagggagca tcatacgagt gctggaagcg 120
 attgcgccat ttgttcgagc gaaaaagctt gtctgggaaa ccaacgtcgc cgcacatgca 180
 gcaaacggtt tgaagatcca ccattggttt tgggtgcaca gggatgaatg aaaaaagaa 240
 gaggaaaaat aggcgatttt ggaggggtggg agagacaaag agagagaccc agaaagccaa 300
 agagtaaaca agaaccctaaa aaagagagag aatataatca ctccgagaag agagaagaaa 360
 cacaagagaa gagaggagag agaaatagag atagagagag ttacacttt atatagagga 420
 agattagaag tgcggaactg ctcatgttga ngtggtgtat ggaactgatg catagtttat 480
 tttttaatta ttagaaattt aagaaactct attggatata ttttttaaaa attaaattta 540
 ataaaagaat tttttttaaa c 561

<210> 1911
 <211> 460
 <212> DNA
 <213> Glycine max

<400> 1911

agcttttgaa tcctagaaaa accaatgaat ttttgtagcc aagcctcatg acaagcctgc 60
 gaaagtccct ctgattctgt ttatacatTT ttgactttat ggcattgagat gaagtgcaaa 120
 gattggatct cttggttagtt gttattaatg aatagcttaa acacttatgc ttgagtgaaa 180

cagtagccgt gagactgtgg tttaagctac tttccttgat atctgtttta tgcctaaccc 240
tatctaattg ttcaggttac attttattct tctctttgga taactgcata ccttgtgaaa 300
gacaagtgat gagggcattt tacttcattc tcttatcatg taatcagtaa tttttgctgc 360
atacaccttt gtacatgac actacatgtt attatcactt gaggacaagt gagctattct 420
ctttttgctt gaggacaaga aaaattgtaa atttggggga 460

<210> 1912
<211> 427
<212> DNA
<213> Glycine max

<400> 1912

tcctcctcag atccctcttg ttggactagg ctttaatttag actgccttcc taggtttaga 60
ctaacttaaa ctaagcttca tcctcagac cgccttggtg gactagactc aacttaaata 120
gcttacaaaa gtttagataa atttagccta agctttttcc tcaaaccctt cttggttgac 180
tagacttaga ccaaacaaca tattttaaac caaaacttaa tccgcagac cctcttgtaa 240
gactaagttt caattctgct tcattcaagt tctaaggcaa aaatcatttc ccaatgctaa 300
agtcattctaa ctaggcacac aaatggttga ttagaccaa agcatacaga atttaagcac 360
tgaaagaatc attgaacaca agaaacacaa tcaattagat attagaatat taaatcaatt 420
gttattt 427

<210> 1913
<211> 599
<212> DNA
<213> Glycine max

<400> 1913

agctttgttt acatagatac atagatacaa cttttttaaa atgtaacgga aatgatgaat 60
aaaaatcaaa agaattggaa tgaaatgact aagacaatga tgaagattaa cagaaaacca 120
gaggaaatgt tcaacatagt tcatattaag gatcatgtta ggaatttcaa gactattctt 180
aaataaacat ggcataatat aacacatcag tattgcttat attagtttac tttaaagtta 240
gcctcatggt gaagtgaagta ggctcctttga tgcattgatg aaggatcaac tagagcatat 300
ttagcatctg ctagacagta atgacaatat gcactttgtt aaatacaacc aagatttggt 360

gaacccaact acattggctg gatggataga actcatatat ttctatggac tcataggaaa 420
 acatcaagtg accatgaccc attttggata gtgtgttcat cctgaccatc ttcaaaagca 480
 gctctgagct aaaaacttat cctaaatgga actcattgta ctaccaaatt cttttctatc 540
 acttttaaag tcttaccgaa tgagtacaaa gtgactggca acagtttgat gagcaactt 599

<210> 1914
 <211> 538
 <212> DNA
 <213> Glycine max

<400> 1914

gacactctga atctaagctt aataggatag atggacctat ggcatccctc tatgacctta 60
 attcatgaaa gtttcactcg gtcataatcc aaagtgtaac aatccatttc catccttcaa 120
 tggtttatgc agttagtctc aaagccttat atttccttat tgtgcaaact ataagggtgt 180
 tcatgggtcg gctcgaaccg gttttggcca aattcaagac tcaacccaat caaatttgat 240
 cggtttggtt tggttcagtt ttcacaattt gtttttgaaa cccaacccat tcattaacgg 300
 ttcgattcga ttcggggcaa cagattacc atttaaattt gatctcattg tcaatatcat 360
 gattcatcca aatatccaat attattaaca caatattgtc aaatgtctta aatagttaaa 420
 attgatcatt aatacaatca cactatattt aaatagacta tacaaattaa acaaattttc 480
 ttatgagatt actttatagt ctgaatataa ctgtttctac aaataatttt tgcataag 538

<210> 1915
 <211> 428
 <212> DNA
 <213> Glycine max

<400> 1915

gcttgactac gaccacaccc tagctcactg atgttcaaca cataatagat catgggtgctt 60
 ctagacatat gaagagggtg atcttttctt tgcacaaaat agttctcttt ttttttcccc 120
 ctcttttggg actaattgaa ctcaagagtc ttggaggaca atgaaacata tatatattgc 180
 ggatttggta agaaaaaatt ataaacagta ggcattgaag acttactaat aaaacactcc 240
 agaatttcat attactcatc ccattcttag ggaagctcag agtatatgcc aacattgtta 300
 aagaccaaga atgtataaaa ataagaagaa gaatgttaag ttatatatat ctaatcccta 360

cttgataatg aaagcttcgt tatttgagtc aaacttctga tgccttcatt ttgtttgagt 420
ggaaacat 428

<210> 1916
<211> 424
<212> DNA
<213> Glycine max

<400> 1916

cttctcatca tcaatgaaag tgtggattcc cttgctctga agagtgttgt agagatggcc 60
agtaaaagca ctacgtgtgt cttcaccctt gaagctgagg aacacatcgt aattggagga 120
ataggaagag gaacgtgatc cccaagccat gatatgaaat cttagtatga atttggatgg 180
ctgcttggtt ggtctccaaa atcaaacttg agtaggtatg aaactgataa gtgtgtatta 240
ctctcagaac catacatatc tattatcaga tttttatccg gcatatttac ctttatggaa 300
aatctttctc tgttccggct ctttttctta gaagattaaa cctttggctg ggctaaccg 360
gggatacgtt tctctccgca ctatctaaac tctacaataa ataccttttt atttgttata 420
atca 424

<210> 1917
<211> 445
<212> DNA
<213> Glycine max

<400> 1917

agcttatcca aacaagggtcc actatatatt tttttatctg gtactgtgcc atatatatgg 60
atggtgggtt tggacatttg gatttgtgta gttgttggtta ataacaatga tgcttatgcc 120
tttgggcatg ggtttgact agttgtatca aactatgctt gtgtattgga attttggggg 180
aggatttcca cttgcttact gcatttttac atgtatatta tgtaactggg ttcatTTTTat 240
tgctacatgt gaggtataac tattctatTTt tttaaagcca ttgcattcct tttttatTTTt 300
tttgctaaaa gtttaaagtt ggcaactgaca ggcaatttgaa tcgattttaa ttccacttga 360
tttgagagga tgttggtgct tgaaagctcc acactgctg attcagttct agagttcttg 420
ggttcgatgc tcttgtcatt ctgca 445

<210> 1918

<211> 894
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1918

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agcgaggacg ggggcgagcg aaaaacgaca cagcgcacatca aagcggctgc atgggaaacc 60
actataattt ctaggtggtn ngnttggtga tgcctcatatc cgaccttnaa aaanaaaccc 120
ngcgccgaaa aaagcacatg aaagtaccgc gaagaactct gcccaacctt cgacaaacgt 180
gagagcgagc gcaaaggggg gcagcaacgg cacgagacac gtgagcacga gccgaccgga 240
gagacctgtg agaaggagac aggagtgggc gagaaaccac acaaggaagc aacgggaaga 300
cgcctcggac agaagctggc ggggaagact acatgcagcg gccgcgagga aaacacgggc 360
cagagcagga aaccgggggg agcgggcaca ctgacgagga gggacgccgc agagacaatg 420
gaccacgaga ctaccggagg ggagcaaggg agaacacgcc cgggaagggga aaaaaagcag 480
cgggaccag agcgaaccgt aaatcaaggg aagagacggt ggccacgagg aggtgaagaa 540
aaaaggagcg aggccggatc ggctggggga ggggcagact gaaagggaca gaaggtagga 600
agcaaccaag gaacggatgg gacgagagaa cgcgaagggc ggtaccggga gaacggagag 660
ggaaggaaga ccgcggagcg gaggggacgg acgaaatcgg ctgcggggag aggataagaa 720
aggaccccga acagacggcc cgatgcccag gagcagcgcg gaagcgacgg gaggcaaagg 780
agaacagaca cacgcgcaga gaagggacgg cgatgagcag agaggagatg ggaggcgaac 840
gggacggaca gggatagaga ggagacacgc caccgtaacg gaactgaaca cgat 894
```

<210> 1919
 <211> 181
 <212> DNA
 <213> Glycine max

<400> 1919

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agcttgctgc ctatataaca gacttgagta cccctaaat gactggtaag aacatctgcc 60
aggtgataat ttcaattgat gaagctaccg gtgacgtctc tggataaaat ctacagttag 120
gaggtagaga gaacattgtc atggaatttc aatagatggc actgatggag gggaggaccc 180
c 181
```

<210> 1920
 <211> 918
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1920

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acgaggtaac gaatgtgaat aagcaaccga ccacgagaag gaatccggaa gtggcaatgg 60
aacgaaaaat cannaaagnn aannnnncag ggtactgctg cactggcata ccatcacaan 120
agannaacgt gtggaagggg aatgatataa ccaacaccac ttttttttat taaagcgaac 180
ggccataacg agggaatggg gaactaaaag ggaacaccgc ccccatatcg acaagagacg 240
atcaacgtaa gggacaccaa cacacagcac gacgcgacac aaacaatccg aaaatgcaga 300
agactgaaag gaacgacgat ggaaagacat aaacagagcg taggccggaa acatggcagg 360
acacggacaa accagaggaa acgaggggga aacacaagaa cggaatcaac gcaatgacag 420
aagaaagcga agcaacacgc gacagagaaa acgccataat ctcacgcaac gagggaccat 480
aacggcgaaa caacagacga gagcgaagat acgtatgcaa gaccaaattg atcgaaaaga 540
acgacagaat cgacggcacg catcgacaga ccgaacgaag acaagggacg accaaataaa 600
ttgacacgaa agaacgaaac acaactactt cacgggaatg aatagaacaa gcagaatgaa 660
acacgacggg acagattaaa tggatgtagc aggtggggaa acggaatgga atcgaagcga 720
aaccaacaga catgccagaa gagtgcacgg acaagaactg cgacggtcag ggaaagagaa 780
agacaggaac agtcacggac gcgaagtgga tatggccaaa gaaataaaaa cgccaccggc 840
tgggcaatga tagatagagg tcacacacac gcaagagaga cgagaagaat aggnactgga 900
attgaactgc aaacaccc 918
```

<210> 1921
 <211> 178
 <212> DNA
 <213> Glycine max

<400> 1921

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agcttatata tccgcaaacy ggccccactt ttcttggtc gccatatccc ttgccttgcc 60
ttccaagtat ttccgtggca ggcttactac gccgttgca gtttgcttca tgcgatccaa 120
ctcttttgcc gaatcctcaa ccacagctac aatcttgctc aaggaggagac gattctta 178
```

<210> 1922
 <211> 466
 <212> DNA
 <213> Glycine max

<400> 1922

tatgcgcata tttccttacg aacgttcact tgcacaatac attctattaa ctaagaaaaa 60
 tgcaccata tacaatcaag gcagcttcgt tacctagatt atttacatgt acttccaagg 120
 tgtatttggt acttacatca cacacatctt cttggctaaa tttacatata tgcataactca 180
 aagcattttg gggtagcaaaa aattgcacat gtgcacatct tggaatttct aataacctata 240
 catacaciaa cttcatgatg aatcttgact atctacaata aggcgctaca tttcttgctc 300
 ttttcaagtt tttgctacct aaagccgcat gcaaattcaa gtatattttc ctttgctgac 360
 taaaattgta ttcaaattaa aacgtatata tttttttgta atgtattttc tttacataac 420
 atgcaacata tttatatata ttttttttg tgagacattt tgacta 466

<210> 1923
 <211> 490
 <212> DNA
 <213> Glycine max

<400> 1923

agcttaatca tacagcgaag aaaattaatg aattgagaaa gacaataaag agtactttat 60
 tgttggcctt ttttccttgc taaaattgag accaaattac gctcctctgt ccgaaccgcg 120
 cctttccttc gctgggtctca tcgacaaatt ttatttgaaa aatttcaagt tggccctacc 180
 ccacacgggt gtccctttcc acttttgccc ccatttctat actcacgttt attgcctcca 240
 gctcctctgt ctctttcaca ccccttttcc ctttttgcca cccactacac taccacttc 300
 cccgcatact ctttctttct ctgttcaact caaataaaat caaatgttat ctaagctcta 360
 gttcacttac attcacttcc agtttcaccc tctttctagg tctctacact ttctttctag 420
 gtagagctcg tgaaacaacc actcttcaac tactctcact cacattgcgc ttctcacttc 480
 actttttttt 490

<210> 1924
 <211> 395
 <212> DNA

<213> Glycine max

<400> 1924

tgactagttt gcaaaatggc atacttgaaa tatatatggt ggatcaagtg gcctcggaat 60
aattaagaag ggggggttga attaattatt gatgtgcctt gactaattaa aaatctatcc 120
ttcttaatgt tactagatgt aattaagttt ttactacaaa gttaagaaag taaagaacag 180
taattgaaac ttaacaaaa gtaaaaacga taattaaaag agcacaacga aaattaaaag 240
tgtagggaag aagaagacaa aactataat ttatactgg ttcggaaca acctgtgctt 300
acatccagtc cccaagcgac ctgcggctct tgagatttct tttcaacctt gtaaaaacct 360
ttacaagcaa agatccacaa gggatgtacc cctcc 395

<210> 1925

<211> 280

<212> DNA

<213> Glycine max

<400> 1925

agcttggtgt tgccatggtc ttaggttaa ctttggtgct tgattatgtg cacttcgcat 60
tcgattatgt ttattcaatg agtttaattt atattaacta tcaatatatt cggttaattta 120
tgtgatgcta aggcaagttt caattagatg tacgcgttaa ttgtaaaatg actttacact 180
gataatatat ataaattaaa ctcatccaat attgtctaac ataacttact caacctgaaa 240
tggcatcggtt attacaggga tctgccaggg ttggggaccc 280

<210> 1926

<211> 474

<212> DNA

<213> Glycine max

<400> 1926

tcctatagaa actcaaaatc ttctagctgt gtgcaagagg gaaagcatgg ctgagtatcc 60
atcacccgaa aaggatgata ataattgtaa gcacatggat gactaccctt cacctcaaac 120
agataatcca aagcctttct ctcaaataa caaacgaagg cggcataact tgaactccaa 180
caactctcat gtttctggag attcaatccg aaccagccag gatccgtgct cctctacaat 240
aactactgct gcaactgcac tccaaccac taatgctgct gctggcacag ccaccaacac 300

tgcaccgaaa aaacattttc tttccgcact ggtggagttt tcgctgctag agtcccttga 360
 atcaaaggac agccttgctt caattaagac accggattct gacgtggaaa atcttgagtc 420
 atccatgcct ccaagcttgc gcaaagttct tcaaggaaat gaaaagtgag atgc 474

<210> 1927
 <211> 1054
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1927

ccgcacacca acgagagtga gaagaacagc cacacgcacc gcgcctaaca cacgaaacac 60
 gacaccacac acgccggacg cntacagaat acgaagcatn naactcccc aagcncncnn 120
 ccccnnnnn ggagatggaa tggaagnena tngnacnnna gnnngnnaaa nnnncncngg 180
 gcggaaggag ccaaccacnn accagagaca aaaagaaacg atattaaatt aaacacacca 240
 agaaaaaaaa ggagggggagg ggggaaaaca aaagaaaaaa caacagagac aaaaaacaag 300
 aaaaaaaaaa aaaaaagaac gagagagaaa aagaagacaa caacaaaaaa aaacagcgag 360
 acaagaaaga aagacgaaga gacgaacaga aaaggagaaa caaaaacaga agagaaaaca 420
 aaaacacgcg gcgaaaacaa agagaaaggg aaaagacaga cgccagaaaa aaaaagagac 480
 aaacaaaaac accaaacacg acaaaaagaag gcgccaagaa aaacaaacgg aaacaaaaac 540
 aaagggaaaa aaaaaaaga agaacaacac agagacgagg aaaaagaaac aacaaaaaca 600
 cgaagcgcgg aaaggaaaac aaccaacacc aagcgaacaa agagaaaaaa agcaaaagaa 660
 gagaaaaaca aaaacgcaca cagaagagag acggaagaga caaaaccacg caagcgaaca 720
 acaccagcaa cgcaaacaga aacaaaaaca cgagaacaac aaagagaggg aaaaaagaa 780
 aaacacaaag aagaaacaaa aaacaaggag aaaaagacac caacacgaag acacaaaccc 840
 aggaccgaga aaacataac gagagaaaaa agcaaaaaaa cacgaaaaca aacaaaaacg 900
 cgagaaaaac gaaagaagac aggaaagaga aaagaagaag ggagagaaac aaaacgaaaa 960
 caaaggagaa aganaagaaa aacgaaggag aagaaaacaa acaagaaaag cacaagaaaa 1020
 gacaacggga gaggagaaaa accaaaaaag acan 1054

<210> 1928
 <211> 437

<212> DNA
 <213> Glycine max
 <400> 1928
 agcttgtcaa gatccggatc ctactattta aataccaatt ttcaataact cagtgattca 60
 taagaaacac atacacagag gggttttata aggggcaagg tatagaactt aaactatctg 120
 cattatttaa aagctacacc aagcttacct gctcaagatg tatgcttcca ccattctcat 180
 tagtaatgcc caccgaatgt gaatgagaag tttttgagtc aacaatcccc tctcctgtat 240
 cttttacacg atcaacctct ccctgacttt ctttgccacc accagacata gctctaacag 300
 atgaagttgt tgctccacta taaaaattca gtgcacatcc atgagtacgt gcacaaatag 360
 caaaaaaaaa acatttagca gctatcatat tcaataataa aatggacatt atgggttctaa 420
 atacagtact acatttt 437

<210> 1929
 <211> 474
 <212> DNA
 <213> Glycine max
 <400> 1929
 tgttgattta agcacagata atccatcaat tgcttctgat ggtttagcag catttcagcg 60
 tgtaagcaaa ttgacaagaa aagtgaacct ttttgaaaag gattatatct tcatcccat 120
 aaactatagt cttcactgga gtttgaatgt catttgtcac cctgctgaag tcatgacatg 180
 ctacagagat gaagaaacta aaggatctcc caaagaagct tgcattctgc acatggattc 240
 ccgaaaagga attcatcaag atctacacaa tgttttccaa agttatctat gtgaagaatg 300
 gaaagagagg cacaacaatg tgagggatga tgatgtttct tctatatattt tacatcttcc 360
 attcgtgcca cttgagctgc ctcagcaaca aaatgcatac gattggggca tctttttgtc 420
 cactatgtgg aacgttttct ggacatgctt caatcaactt caaccgtcca tgat 474

<210> 1930
 <211> 886
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 1930

caccccgacg ggggaggaga gacgaacatc aagggggaca taaataacat cgccggagag 60
acaccccccc ncagaccccn ccnaactga tgctgaaacn cncagttgnn aaaacccccg 120
gggcagcaag cccaagcaa aacgcaacac agcagttttt tttttttncn cccagaaaag 180
acagggggga aagaccctaa gcggagagaa cgaaaccacc tatggttgta atacaaatat 240
acggcaaggg gaaaaaaaaa aactgccaaa cacaaaattt accttacacc acggggaata 300
tgaaaaaaaa caataccatg gcgggagaaa aaaaaaagaa gggaaaaata aggcncaca 360
tcataaatca aacaagccaa aaggaaaaaa ggaccaatcg gtaaaaggaa gaaagacaaa 420
aaaaaggga aaaaataatgc agaggaaaaa aagaaaagga aaggcctaaa taaatgggac 480
aaaaaaaaag gcgaaacact gtaattaaag aaaaaagatt aaaaatagcg ggaaaaaac 540
aacatgaaaa aaaaaaggga gaaaattaaa acacagaacg ggggaaaaag ggaaaaaac 600
gggcaagaaa agaaattttt ttaacgggaa aaaaaaagt aaaaaagaaa accccaaatg 660
atgtggggga aaaaaacca aattggaaan ggggccccaa aagaggggaa agggacaaaa 720
aaccatgcga ggaagaaaaa aaaaaaaaaa aaactgacc caaggga aaaagggtaa 780
gaacaagctg aaaacaaaga gggggaacca cacgggggca aaaaggaacg ggaagaaaca 840
accgacaaaa agcaaggaag ggaggacaat ggggaaaaag aaggaa 886

<210> 1931
<211> 647
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 1931

ccgcaagctt cctgcacaat gactatatta ttaagatttg ttctcaagct ggtataatct 60
tatcatgctt cagcgagtca gtggcactta cactaatcaa gtgtcaagta ccaacgaagc 120
atcagtaagg aaagttagtt tacaataatt tatctccaca agtaatactg agttctggca 180
acaaagaaaa accataccaa gaataaatta gaaaaggcac aaaacagtct accttgcac 240
aggaattcca tggcagatta cttcattaac tgacctgtta gataaagcaa atttcattct 300
taacatatac catggcaata agagaaaaat atgacattac agaaggaaag tacctacgtg 360
cagcaagatt tagggaagaa aaggtaattg agaggtgatg gatatcctcc tgaaaaagta 420
aaaagtcaga aaaaaattca ttaccaatga ccatttgtaa tagccatatg acaatgacat 480

catgaaactc aatgaaccat catttggaag aggaattata acaaagttag gaagcatcct 540
ctctgtaatg ctcaaggctt ttttttgact ttttcaaatt ctggtaagca gatagcagcc 600
ttgatataca ttntggtatt tttttggccc ccccttctct gacccat 647

<210> 1932
<211> 484
<212> DNA
<213> Glycine max

<400> 1932

acactatata atacataagc cttagttaca atctaacctc aacaatgaag agatctaact 60
accttttctg atgggtagca caaaaaacaa tgatgaaagg agaaaatgaa agaaaagaac 120
aatggaaaag cttttccttc accaaatatt gtttttgtct tgcaatggag tcttcctta 180
aaatggagat ttggcccctt tttatataat cccaaaaaat ctagcttttt aatgaagatc 240
ggcttaaact aaatcttttc caactcaaac caaaattgct atagctttac cttttaagct 300
ttctcaatct tttctctaag atgcctttca acccacttca aattcttaaa aaaatccatt 360
aattagcaca agttacctat ttaaatgatt aacttaagag aaaaattgcc tattcattaa 420
atttataatt aaaaagaacc aattaaatcc taatgagaga aaaaaattag ataattccct 480
aat 484

<210> 1933
<211> 187
<212> DNA
<213> Glycine max

<400> 1933

agcttgggtct aaaattcccg aaaaattagc tttttatgat tatatcggaa ataatccagc 60
aaaagggggg ttatttagag caggttcaat ggacaatgga gatggaataa ccgtcgggtg 120
gatacgacct tctgtgtata aagaaaaaga tgggcatgaa ctctttgtac gctccccccc 180
ctccttt 187

<210> 1934
<211> 344
<212> DNA
<213> Glycine max

<400> 1934

cttttctagt tagagaccaa cgtcttgggg ctaatgtatg atctgctcaa ggacctacag 60
gttttaggtaa atatctaata cgttccccga caggagaagt tatttttggg ggagaaacta 120
tgcgtttttg ggatttgcgt gctccttggg tagaacctct aatgggtccg aatggtttag 180
acttgagtag actgaaaaaa gatatacagc cttggcaaga acgccgatct gcggaatata 240
tgactcatgc ttctttaagt tccttaaatt ccgtgggtgg cgtatcttca gagattaatg 300
cagtcaatta tgtctctcct agaagatggg tagctacttc tcat 344

<210> 1935

<211> 297

<212> DNA

<213> Glycine max

<400> 1935

agcttgaagc ttcttttaca tatattatat agatatatag atataataga taatagatga 60
gccactaaca agtaacaact cacatttttc ttaaaaaaat ttgttggttac atgatatttg 120
agttctattg acataacatt ttagaaattt acttgctcgt ttaacaaatc tagtttcaac 180
tatgataata tatactacat gtgattcttt acttaagaaa taaataatta agaggagggt 240
ttgaattaca tcgctaactt tgataattat tatattattt ttataaatta atataaa 297

<210> 1936

<211> 546

<212> DNA

<213> Glycine max

<400> 1936

ttctccacta agttgcctga tgccctgaaat gtcttttctg atggcagtg tccatagatgc 60
agggagaagt ttctccaaga acaccctctt aaggatcatcc cagctgaaaa tggacctggg 120
agcaaggtag tatagccaat ctttggccac tcctcttgga gaatgaggaa aagtcttttag 180
aaagatatga tcttcttgga catcgggggg cttcatggtg gaacaaacaa tatggaactc 240
cttaagatgc ttatgaggat cttcacctgc aagaccatga aacttgggca gcaaatgtat 300
tagtccagtc ttgagaacat atggaacacc ctcatcagga tattgaatgc acaagctttc 360
ataagttaaa ttaggtgcaa ccatctccct aagagtcctc tcacgaggtg gagggtgagc 420

catgttctaa gtaggaaaat tagtagtgga atgctcacia ttagatattc agaatacccc 480
 ttaacagaat gctcaaaatg cacagaatga ccaggatgca cactatgcct aactaatcta 540
 tgaaag 546

<210> 1937
 <211> 620
 <212> DNA
 <213> Glycine max

<400> 1937

agctttcaag cacaatccca acacttcagt tttctttttt tttttttttg aagggtcaaaa 60
 ctgaaatccc ttaagctgtg agaatgaaac gacttatggg tttattacta ctattttgca 120
 attggataaa attaatTTTT caatcacaga ttttacttta caccatgtag attatgaaaa 180
 ttaacattac tattgctcga gacaaataat agaagtaaaa aataagtttt aattcatata 240
 ttacacaagt caaatgtaat atattatcat tttttataat tattaattac aaaagaagta 300
 aaaaattatt catagtaaat aattaaagta aattcttata tatatgtcac atatataaag 360
 tttaatcatt ttatttatag aagaatattt aaatatatct gaatataata attatgaata 420
 taataaggaa cataattaaa ttacataacg tgggaaaatg taaaaacacg tgtatgaata 480
 gtactttttt taccgttaaa aataagttaa atatgacact cttaattttt tttgttgata 540
 aatacccatt ttgatattgg tccctaaaag tgggagatgg taacaaattc attcatgcaa 600
 gataaaaaaa aaattaaatt 620

<210> 1938
 <211> 375
 <212> DNA
 <213> Glycine max

<400> 1938

ctataaaata cctcagcttt gggctcaaat gattcctttg gattcataat ggatctcgta 60
 ctttaataac tcaacgaacc aagccatcat cctcttggct aacttagact ttcacaacat 120
 tttagctatt aggtagtcga tccaaacatt aatcccatgt ttttgtgaat actaccgatg 180
 aactgagca gtagtaacca atgcctatgc cactttctcc attacctaata actgagtttc 240
 ttgatcttgt aacacttggc taacaaagta taccgatttt aaatcattgt tttcttcttg 300

gaagaggaca tcacttatgg cttcaacgga gaccgagagg tatactatga gtatcttact 360
 agtgccagaa gttga 375

<210> 1939
 <211> 379
 <212> DNA
 <213> Glycine max

<400> 1939

agcttataag tatgtttaca tatggcaaata atatataaca aatcactata catatataga 60
 ataaaagtga tacacaagca agatactcaa actcatgaat ttccaaattg gttcctaaag 120
 tatacttaag caaatacata ttttttatat atgaaattga aatctaaaac aaaatcacta 180
 catatgtatc cttatatata tatatatata tatatatata tatatatata tatataacac 240
 attagaatct tatatacata taatcatata attttatata tggaaaacaa atatacatat 300
 atcactaaac atactccaag gcaaccatag gaatctagcc acgagaaatt tactcaatag 360
 aagattatga tcaattttc 379

<210> 1940
 <211> 367
 <212> DNA
 <213> Glycine max

<400> 1940

tctactacac gccgaggaga ggcgaaacgc cgcgttttga aatatgatag ctgcgatagt 60
 gacaaagcga cgctgcttgc gagaatcggg gagttggacg agaaattgag attgaagatg 120
 catgagattg aggaggcgga gacaaagcgg ggtcggccta gacgccttca ctctttcttt 180
 ggcggcgggg gtgttttttt tccgctttac cccatcattc attcatgggc tttggaagtc 240
 tcctttactc cttctatcat cattgggaac tctcttttgc tcttgattgt gatcgtttgt 300
 gcccgtaga ggattttttt tttcatttgg aatttttggg gagcaccggg tgcattgtaa 360
 aatcaaa 367

<210> 1941
 <211> 225
 <212> DNA
 <213> Glycine max

<400> 1941

agcttgatga tttcctttta tagaagtga attggatgat aaaatctcaa tttccttttt 60
agataatgta aaataggaaa atatatgatt ttatcttata tttcctctaa taacagataa 120
tattcgatgt tagaagatat ttttatcttt ctagtagaaa atagaatttt tctcttacct 180
taattaaatc cattacattc tctaaatccg agttgcctgc tcagc 225

<210> 1942

<211> 487

<212> DNA

<213> Glycine max

<400> 1942

tggtaatggc gtcctccagc ctatcggaat tggcttttga tctagtggac tctgccatgg 60
aagcaactca atgagagcac caaattgtta gagcacaatt tctggacttt gagggccagt 120
tcctctaaga agaaaaataa agagtaagaa ggataatttt catttcatgt ctgccttatt 180
acattatgct agtatttaca caacaaagag aaatagtggg aagctaaggt ggggaaaggg 240
agacaatttg tctgctcatg ttgggttgta tacttggttt catgatggag atcaaggaaa 300
tcctttaaga gaagaacgaa gagcatggaa gagggagaat ataattgggc taggaggccc 360
aataacaagg gtaagaccta agaaagataa ggagatgttg cttgaaaaaa agatctactt 420
acaagctcaa acctaaagtg agaaagaaga acccaagata catttgatct aaggcgaata 480
acagtga 487

<210> 1943

<211> 323

<212> DNA

<213> Glycine max

<400> 1943

agcttcttac aagagactaa gaaatTTTTG acgaaatTTT tttagaggaa agatcttggg 60
gaagcctcga tcttgcgga gctctTTTTG tattaggaat caagatatta agagatcgct 120
cttaaggtat cctaagggtg tcacaaaaga gttatatcga taaggctcta gatagattca 180
acatgaaaga tagtaaacca ggagatatcc cgatagctca aggagacaaa tttagtctca 240
aacaatgccc caataatgac cttgaaagaa tagagatgca caagattctt tatgaatcaa 300

cagttggaag tctactgccc cct

323

<210> 1944
<211> 435
<212> DNA
<213> Glycine max

<400> 1944

tgccttgccc cttgatatat ttgagggact catggtcact atgaatgaca aattccttgg 60
gataaaggta gtgttgccat gttttcaaag cccgtactaa ggcatacaac tccttatcat 120
aagttgaata gttaagggtg tgaccactta acttttcact aaaataagca attggatggc 180
cttcttgcac caacacagcc ccaatcccaa catttgaagc atcacactca atttcaaaag 240
atTTTTGAAA gtttggcaac gcaagtatcg gggcattagt aagcttttgc ttaagaacat 300
tgaaagcttc ttcttgtttc tctccccatt tgaaaccaac atttttcttg agcacttcat 360
tgagaggtgc tgccaatgtg cttaaatcct tcacaaatcg tctattaaaa ctgcttagc 420
catgaaaact tccta 435

<210> 1945
<211> 440
<212> DNA
<213> Glycine max

<400> 1945

agctttgcta agagcaaaaa ttaaccttta atattatttt atacaaaata gattttcaat 60
aataatcata caaaagtttc tgggtatgtg aaacaatttg agctagctta agagttatat 120
atcaaagata taaacattta aaaccaagct actcaagcaa aagatttaga aaatagacaa 180
attagaagca ataagaagag taaagcacac atgggaacta tcatggttca cccacctgg 240
actacattta gcctctacaa ctgtaggctt tccactaata ctagcaccaa tcagatattt 300
tttctttcat ggcgtcctc cccaggatcc tacacctaaa tattctctaa gtctctataa 360
gttctccac aactttttca ccaaccctct tcaggtcacc cctaccttat ctaatcctcc 420
ccaggcctat ctacccccct 440

<210> 1946
<211> 554

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1946

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ttctaattggg cctagggggg cccaggggct aaggaatgcc cccaaattga ccatttggcc 60
cccattttga gtattttgct catttccttc tgaaacgtca caaaacccta tggattgcgc 120
agcaattggt gttaagcaac tcaactcggc cggcgaaaat acacatgttg acaaacaatc 180
atccccggac gaaattaggg tatgagaata ccctcattat cctaataaga ttaacatata 240
taaaacattt tctaacatta ttgatgcaca cattaagtta catcgagtcg attcctcaca 300
ctcgagaatc caaagaatat ttaccaaata ttgatccctc gcatatgaag tcaatatccc 360
aacattagaa tcataatctc atactatntg caatcaaac gttatgctct attcctagca 420
acttaatata aagagtaaaa tcattcagtt caaattctaa gagtactttc caatcaaact 480
taaaatccaa tttcatgaaa ctagtgatca aatagaaatc agcattacga acaaaatgaa 540
atcacccata atgg 554

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<210> 1947
<211> 293
<212> DNA
<213> Glycine max

<400> 1947

```

atgcaagctt ttaactggga aatgctccaa gaaacactat cttctttttc cgattctctg 60
gctgcttgct ccagtaaagc acaagaagaa atatgagcac cagcagattg cccattaga 120
taaatcctat tacatagtaa caaaaaaag gaaaagataa atctcagttg aatgtctaaa 180
tatatgatga aaaggaatct tgtatcatag tagcacgcca cctattaggg tcacctccat 240
aattagctat gttgttgatg atgaacgaaa ttccccgcga agtatcattt acc 293

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<210> 1948
<211> 504
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1948

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taagaccatt tctaattgggt tagataatnt atttttaatt gtttatccta tgctaattag 60

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tccttataat atcacattat aattaaataa tttatatatt tcttgtttca ataagtaatt	120
cttaaataat aagaaaatat tttttctcat aagtaattat tattatatat atataattat	180
aggttaattt taaacaattt aatgtgacat ataaataatc taccatagtt aaaaaatta	240
acaattatat ctaaaaataa accaatcggt aaataatgag cattgaagat gctctaagat	300
aggaatactc ccataaataa taaatcatgc cattatgtta ttcctgtatg aatatcta	360
catgtttctt tttttactcc ccaattttat tacctatata tcctttgaaa aatatactat	420
aaatattttg atgtattttt taagagaaca aaggctcctg gtttaacaaa aagccaagac	480
aggggaatta aggccattta aaaa	504

<210>	1949
<211>	911
<212>	DNA
<213>	Glycine max
<223>	unsure at all n locations
<400>	1949

aacgacgaga gtggagggag tgatgaacaa cttatgaagt ggcggaaaac atctttgtgg	60
tcgggatgtt ggtaaattgg ggggcccnnn cnnnnnnntt ctagcatgaa aagcnagcnn	120
nnnnnttaag aaaccccgna tgnnntnatt tacaagagag tgaggagaga gnggattttt	180
tattttggga ggaaagataa tggggggggg gggtaattga ggaagcgtct tttggataag	240
gagagaggaa ataaagagaa ggggtgtaag ggaagataag ggtgggaaag aagagagatg	300
gggataaggg gagggatgga gatggaaaag gaagagagta gaagaggagg gggatgggag	360
aggaagaggg ggagagaatg gaggggaaag aatgaagtaa gagagatagg ggaagaattg	420
agaaggaagt ggtattggat ggaaaaggag tgggaggtga agaagaggag tgaaagaata	480
gaggttgga tggggtgatg ggtaaaaggg ggggagaggt ggataggtgg aatagaggat	540
gggaaagaag aataatgtag ataaagaatt aatatgtgag aagagggaag agcatataat	600
aataggggt agagagataa gaagagagaa taggggagga tgggaagaga aggagtggag	660
ggtagagatg ggaagaatag aagggtgggag aggggaaagt agagataagt gaatagagag	720
gaatgtatgg aagagaagag agagagagga tgtaaaagaa gagagaagaa gatagtgaaa	780
tagaggggaag taagaggtag agtgtagagg agaaagtgag gggagggtaa atgggtaaaa	840

gtagagatgt gaggtaagga ggtagtaaga tagaaaatta ggggaaagag gtaggtatag 900
agaggaaatg a 911

<210> 1950
<211> 397
<212> DNA
<213> Glycine max

<400> 1950

ttgtaagcac catacaaaag agggtcactc tctttatgag ggtttttagcc taaacacaga 60
cttgtcactc agagaactat cacaatgtgt tgtagttttg gaatgcttca acttgttctt 120
tatagccttc acatctgcct tattaaactc ccaagaaaaa ccattgtagt ggactccaca 180
cttctggagt aagtatggtc acttctacaa ctatcatgaa gtgacaatat acatccatta 240
tgaggaacct ttctaattggg cattctagtg ttacaaaga atgaatccat gtattgatga 300
agactagatt ggtgctccat tctgatgtag tgtgacttta ttactcttaa cactttcttt 360
aaatccttaa gcatttctga atttgattac ttcaaaa 397

<210> 1951
<211> 131
<212> DNA
<213> Glycine max

<400> 1951

cgacagcttg tcatctctca gactggctta gtggcttggt aaagagaatg aaatcagaat 60
catgaatttt tagacaaata ttctacccgg aagagccagc actctaagtg atgtttaaca 120
aaaacgtcat g 131

<210> 1952
<211> 386
<212> DNA
<213> Glycine max

<400> 1952

tggactccat ttctctagag tatggaacat agataaacca ctttctactc cttctctgca 60
cagctcttct gctcttggtg cattgagcca catgagaagc accatgtcac cgccaatgta 120
ttttggttta actcttcacc tccatccac ataagtactt catcaagtct atcaaagccc 180

attaggttcc tcagtctacc tatccaagct ttggttagcc atgccttctt attcattgat 240
 agtgttagtt ggatagacga gcgagaggtc ataccttgat gcctgcgcac actttaatgt 300
 ccaccgtttc accacatgca tactgtctgc tgcaaccaca ttcggatatg atctgaaagt 360
 tgccctctgc ttgggattct gctgggt 386

<210> 1953
 <211> 183
 <212> DNA
 <213> Glycine max

<400> 1953

caagcttgtg attgttgaaa tatatatata tatatattct ataaagaaaa gaaaaccccc 60
 tgaggggtcgc acttgacacat ttgagaagaa aactcattgg accaaaagct catgggaaaa 120
 gcccgaagac aattgcgata gtaggggtgca tttgatgatt gtccctcatg cacactactt 180
 atg 183

<210> 1954
 <211> 395
 <212> DNA
 <213> Glycine max

<400> 1954

ctgattctat ttatgcattt ctgactttat ggcttgtgat gaagttcaaa gattggacct 60
 cttgctagtt tttattgatg aatagcttaa acacttgtgc ttgaatgaaa caaaagtttt 120
 gagactgtgg ttttaagctgc tttccttgat atatgtctta tgcctaactt catctaattg 180
 tacaggttac attttattct tctctttgaa caactgcatg ctttgtgaaa gacaagtgat 240
 gagggcattt tggttcatcc ctttatcatg caatcaatca aaactgtaaa tttgggggag 300
 ttcttagtcg atgaatacga ctaacttttg gtataaaacc tgtgtaattg ttcaaaatct 360
 ccaatttatg gtattttgag gggtgcatta ctttt 395

<210> 1955
 <211> 852
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1955

ccacctcaaa actaacaact cctcctcccc tctccacccc accccttccc cctatttcgc 60
 tccccctccac ccaacaccccc nccccnnnnn nnngatatct ccacagcagc cncnnatttn 120
 taacccccccc tcaaaaactct cacccaaccg cacacacggt tttttctccc tcttgctcct 180
 cccacggggc cgcccgtaga aaagaccccc accacgcaca acccccaaaa gaaacaccac 240
 cccctacaaa aactaccgat caaccaacc accccccccc ccacaccctc ccacactccc 300
 acccaacca caccctncc caacacatca taccaccca cccacaccct cctccccaac 360
 caccctacc acacccctc cccaccccc ctcatacca acgccccccac ccacaacccc 420
 cactcacc cactccccca ccaccatac ccgacccctt acccctccc ccccgcgccc 480
 ccaccccacc cccccacccc cccacgcccc caataaacac ccgcaccaca accccaccac 540
 cgaaccccac acccccctac cccggcccac cccccccctg cccccaaccc tcaccctcgc 600
 ccactccac ccaacacaca cctaccccc aaccaaccac cataactca cgtactccca 660
 ccccaccacc caccacacac tcccacaacc cccccccca ctaccacacc accacataag 720
 caaccacccc cccacaatca ccccccatcc cccacacaca cgcacccctt ccaacaacta 780
 ccacccgcac tctcttacac gcaaactaca ataccaccaa cctaaccac cacacacgac 840
 cccccgaca ca 852

<210> 1956
 <211> 674
 <212> DNA
 <213> Glycine max
 <400> 1956

tttcttgaac cggtgattct taaagacctg cggcatgaac ctcaaatag gttagtggaa 60
 attttttttt tccgacaccg aaacttctgg ggggtttagg gaaaaaggat ctccccatta 120
 aaaccgttta taacttacca agttcttaga caagttttca ttttctggc ctaccactca 180
 ataaaactcg acgatgttca ttagaaattt gtccataaac ttttatctga acggtagtta 240
 cattctttcg aacgtggtca tggtttacagc ggtgtcgcac gttccaagga ggcgaccttt 300
 ttttcaatgt aacgggtcta ctccacctct cgtagcgagc ttctctattt tctccggat 360
 gttgttattg gttctcacgt ccccttttaac gtcttccgtt tttgctagcg ggctctatt 420
 ctcgacccat caactcccgt cctttgatag gagtttacag tctatacctt tctgtgctt 480

ttatctcctt catttttttt cccttactta caacgttact tggttctttt tacagctatc 540
 tgctcggtac ccactcctgt atcttttctt gctacttcat aatgggtattc aattatcact 600
 cttgtcgtgt gctacgtctc gatgaatacc gtgactcttt aatgtatgct ccttttccac 660
 aatagcgtct catc 674

<210> 1957
 <211> 240
 <212> DNA
 <213> Glycine max

<400> 1957

cgatgacaat catgaaactg gccaaataca ggctaaaggc ccatttggat aatgacaaag 60
 ccccgagtgt gagaaagatg aaggcccaag tggagaacga tgaacgcca taggcagaga 120
 cactatcaag actatcaatt gttgctaaag gcccaaacta aattgaaagc ccaagataaa 180
 taagctctta gtcatcaact atttttatcg caattttgac ccaaactggt tagaaggccc 240

<210> 1958
 <211> 240
 <212> DNA
 <213> Glycine max

<400> 1958

agcttctgag agtgccttat tgtgtgctgt ttttttttag gcaaattccc ttagcaatct 60
 cccaaattaa ggacttatca taacttgaaa cccttatgct ctcttagaac cctaaaacaa 120
 ggtcaaggat atcaaaatta ggatcagggg cttattcaaa caaatcatta attacttttg 180
 gctcaacagg gctgcaagga aaaaaactca cacacgggaa ctattctggc tcaccccccc 240

<210> 1959
 <211> 605
 <212> DNA
 <213> Glycine max

<400> 1959

taagcttgca aactagcttg tttaaataat aataataata ataagaataa ttattattat 60
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 ttcacttgca ttggaaaatt ttcaaaaaga aaaaaactta agttaaaagg ataatgcaac 180

cagattaata cttccaaaga aaaaaatggt ttgtaaaaac attttcagac aatttaaata 240
 tttttatttg actatattag tataaatcat ctctaacca tatattttta atattatggt 300
 cttttttttt cattttcttt tgatatactt tgtgttttaa taacttgaat tcaatatgat 360
 tttgtttatc aattattttt ggatttgtgc attacttata cgaaatttta taagtttctt 420
 cttttgggta gtatgttagt atttcacgag gttttaaaat aattaattga ttaaagacgt 480
 ctttaagcag actcttaaag aggttcgtag gccgataagc cgagtcgagc ctttaaaaaa 540
 agctatgaca gataatgagt cgaactcaaa tcttacgtag ttaacttaag tcaaactcca 600
 atcta 605

<210> 1960
 <211> 246
 <212> DNA
 <213> Glycine max

<400> 1960

agcttcgaaa tcgaaaacta agcgggtgat gatcgacgaa caatgaagaa cgaacgaaga 60
 acagcggaga acgctcacag aattgatcac agaaacatca cgaaagcatt acagaagcat 120
 cttggcctga attttcttct tcttgatcct tcttttact aattttaagt gaaatatggt 180
 tgcccagggt gctgaccctt tcccttcagc ctccacgcc tttttatagc caaacagggt 240
 aaggag 246

<210> 1961
 <211> 323
 <212> DNA
 <213> Glycine max

<400> 1961

cagcccctta ggcacctttt tttcttttga atttgcagag gaaaattatc tccggaagaa 60
 aatcaagccg aggcgcttct gtaacgtttc cgtgagtaat tactcgaaga ttcttgaccg 120
 ttcttcaaga tccatcgctt gggcttcatt ttcttcagtc tacagcgggt aagtacctta 180
 aaccatgctt ttcaattcgt tgotatgtac ccgtggtgct ccacattttg ttgcatgtat 240
 ttttagttat tgggtgtgat tactttttat accccctttt gatgtgctta agtcatttat 300
 ttaagtcatt tctcgcttaa tct 323

<210> 1962
 <211> 247
 <212> DNA
 <213> Glycine max

<400> 1962

agcttgtaga atggccagac atgatacatg tcatggtttg gtttggttca agggtaaaag 60
 ggatgccccca cattatttcc atgacacaaa tgcaaaaatg aagatttgga aactttatgc 120
 aaaactgggtc atgcatgcac ctatgtggac actcaagtgt caaattttta tggtcatgtg 180
 aagctaggggt ttacgattca ttccctctat tttagtcaac ccaatgtttc caacaaatgc 240
 tctttttt 247

<210> 1963
 <211> 426
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1963

tgctcgtggg gcttctatgg aggctggatc tttgagcttc aatgttggtc tttaatggng 60
 attttccacc atggagatgc agcgggaagac aaaggagaag aggtgagagg aggtgccatc 120
 cactatggaa taagccatgg aagaaagagt ttcaccacca agatgagcct tggataagaa 180
 gcttggagag gatgcttcaa tgaaggaaaa gaaagaggga gagaaagaga gaggggggag 240
 cacaaaattg aaggaagaaa aaggggagaga tagtgaactt tgagttatgt ctcaaacagac 300
 tcccattcat caaagttaca acaagtgtta cacatgcttc tatttataga ctatgtagct 360
 ttcttgagaa gctttcttga gaaaactttc ttgagaagtt tttttggaaa aacttcttga 420
 aaagct 426

<210> 1964
 <211> 347
 <212> DNA
 <213> Glycine max

<400> 1964

agcttcatta agaggcttcc tccagaagct tctcgtggc ttctttgcca agctttctca 60

agtggattct ttgagaagtt agatccttat ctatccacac ccttctatta actaaattaa 120
 cttccttaaa aataattacg gatgaaaata acgcaacaaa taatcaaaca tcaaacataa 180
 ttacgaataa tatatatata tatatatata tatatatatc aggggtgttac aatcatagct 240
 catacgacac aggaaataga gtaactgtgg ccaagtgtac tttgtactag ggggctgtca 300
 cctggtaggg aacacctttg ggctcccagg ctgatcacct atggggag 347

<210> 1965
 <211> 454
 <212> DNA
 <213> Glycine max

<400> 1965

tgagatgagg aagtgttgaa gggtgaaact tcctgctttt attgttgacc acagagtggg 60
 acctggagat atgtcgcggg ggtcaggaga ccttggggac gtcagggtggg gtgctattgc 120
 ccaaaaccaa gcttgaccaa tcccgaacca acccgggcat agtcggtcag tgagaacctg 180
 tgatgtacct aagcaggcga gctcctggca gtcaacagat aaaaggaaaa caagaccaca 240
 aagcaaggag gcttgtggtg gctggccagc tgtgaatttt gtgtaatatg tggattgtgg 300
 cctctggtaa tcgattacta aagggtggga atcgattaca aggccttaaaa ttgaggacag 360
 gaggctaaga tgggtctctgg taatcgatta ccaaaggggg taatcgatta ccaagcttga 420
 aaacgaagtc atggaactta gggagcctct ggtt 454

<210> 1966
 <211> 573
 <212> DNA
 <213> Glycine max

<400> 1966

agcttccaag aatcaagatc aagattcaag atttaatat catgaatcaa gagaacactt 60
 aatcaagata agtatgaaaa agttttttca aataactaagt agcacatgga tttttctcaa 120
 aatctgttta ccaaagagtt tttactctct ggtaatcgat taccagatta ttgtaatcga 180
 ttactagtag cgaaaatggg tttaaaaaaa cttttaactg aatttacaat gttccaattg 240
 atttcaaaat gttgtaatcg attacaatgt tttggtaate gattaccagt gtgcttgaac 300
 gttgaaattc aaattcaaatt gtgaagagtc acattctttc acaaaaaagc tttgtgtaat 360

cgattaccag tgaagtttt tgaacaaatc aaaagatgta acttttttaa tagtttttga 420
ctctttcaaa ttggctttta gtttttctaa aagtcataac tcttctaag gttctcttga 480
ccagacatga agagtctata aaaacaacgc tttgttttgc attcttacag ctattcaatc 540
caatcaatct tatacaatcc tttacaagcc ctg 573

<210> 1967
<211> 419
<212> DNA
<213> Glycine max

<400> 1967

tgectgaaac tatatgagat ccctttgtcg ttgccttcca actagggtta agcttaagga 60
gaacccaatc tcctatctgg tagttcactt cacgacgttt cccatcagct tggtttttca 120
tagcagcttg ttccttagaa gcttatttcg aatagcttgg aaagtgttat ccctatcagt 180
taacatctct tcaacggcct caatgttcga agaccctgta atatattcag gaaagttaaa 240
gggttttcgg ccaaagggtga caccatactg attggctcca gttcccgcat tccatgaagt 300
attatgggac cattcgaccc acgggaggag ctatcccccc atgcttggcc cacgatggat 360
gaaggctcgc aaatattgtt caattatgca attcaaaacc cttgtctgtc catcaattt 419

<210> 1968
<211> 69
<212> DNA
<213> Glycine max

<400> 1968

gagacgagcc gcagcatgca agattgcact aaatttacat tgatggttgt atttatgtca 60
cgaccccc 69

<210> 1969
<211> 305
<212> DNA
<213> Glycine max

<400> 1969

ctttgctgca aaattccttt ttgttggtgt ttttttgggt tgtgctaaag gtggtcttcg 60
tcattggaag tgccgtagac aggctttgtg gttgatttag ggatggcctt tgtggataat 120

egggtggtgg ggtacggagg acccttccct cccccacccc accccccctc tccccctccc 180
 tccccccccc ccaccgttcc acccctcac tccctcctcc cccccacccc tccctccccgc 240
 cccccccccc cctccccccc cccctccccc ccaccctccc cctccccctc cccctcctct 300
 cctcc 305

<210> 1970
 <211> 320
 <212> DNA
 <213> Glycine max

<400> 1970
 agctttacaa acatgcttgt ttaaaataaa aattaaagta gtctacatat gggtttagtt 60
 agttacagtt atagatgcac atgtgattag ttggcgtggc gaatagtctc tctactacta 120
 cataagccgt atatagttat tatgttaacg actttcacat ttcagtaatt tcactttctt 180
 tctttcaaat tcttagtcct agtcctacct aaactcctcc tccttctatc ttggcttaaa 240
 tttttcagag aaataaaata caaaatcctt caaaggatga ttctattaac catgatatca 300
 acgtgccata tcccgaattg 320

<210> 1971
 <211> 453
 <212> DNA
 <213> Glycine max

<400> 1971
 tccaccttct atgtactcat aaatcagtat cttctctgaa ccatttaggc accaaccgta 60
 gagtgtgacc aggtttggat gtggccaacc aaagccatga ccaactcagaa cctccatttc 120
 agccttgaat tccttctcac cctcaagacc ttccctttga agcttcttca ctgccacttg 180
 tctgccatct gaaaacactc ccttgtagac tgttccaaac cctccttttc ctataactct 240
 gtccctctgag aagctgctag ttgctttcag aatgtcggca tgtgtgaaaa ctgtcttggt 300
 cagacggata accttaactg tgtcagacat ccatgatgag gatccggagc tgctggaatc 360
 atgccattgt tttgtatccc tcaagaggta tcttggttcc tctgaagggc ttttcaccga 420
 tacacagact aggatcgtaa gaagcccgat act 453

<210> 1972

<211> 493
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1972

agcttgcatt tggaattgcg aaagccccac tccatcatta tgattagtag ctgacatctc 60
 aaacaaacaa atcaaacgta acaagacaat tatagttgct gtttgaatac ctcacccact 120
 caagtgtatc acacaattat ggcttttctc taatgaaaca ctcttgcctt ttaccactct 180
 aattccccctt gagttcttag gcaattcaag agattatggc cacaacaaag aacaattcac 240
 caatatgtgt aaggtaaggc tagacaagga aaagggttaac caagaaaaag gctaacaatg 300
 tttttaggca caaatgaagg aaataaaaatt cagaatttag gaattcaagt aacaatcctt 360
 catgcaacca atatattacc ttaaagagat ttttttttta aaagttcttc aagcatgaac 420
 cattcagccc aatttttttt ttttttttta attntgctta tacgaaattc tgcttctttt 480
 ttttttttat aac 493

<210> 1973
 <211> 548
 <212> DNA
 <213> Glycine max

<400> 1973

agcttgtgca tccaataccc tgatgaggat gtcccatttg ttcttaaaac tagacgaatc 60
 catttgcttc caaagtttca tggccttgca ggtgaagacc tgcacaaaca tctgaaagaa 120
 ttccatattg tctgctacac catgaaaccc ccagatgtcc aggaggatca catatttatg 180
 aaggcctttc ctcatctttt agagggagtg gcgaaggact ggctttatta ccttgctcca 240
 cgggtccatca cgagttggga tgacctcaag agagtattct tagaaaaaaa atttccttac 300
 ttccaggacc acggtcatca gaaaggatat ttcaggcatt agacaactca gtggagagag 360
 cttgtatgaa tactgggaga gatttaagaa actatgtgcc agttgccctc accactagat 420
 ttctgagcag cttctcctcc aatattttta tgaaggactc aataacatgg agaggagtat 480
 gatagatgct tgccgtggtg gagctcttgg agacatgacc cctgctgaaa ccagaaattt 540
 aattgaga 548

<210> 1974
 <211> 546
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 1974

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agctcaatca atatTTTTgt ctccactggt ctttccaaat tcagccaacc aaacattggt 60
ctatatTTTtg tttgatattt caaaggggta acttttctat ttattaaata taaaaaatcc 120
ttttaaatta atttagtggt tatcataaaa aaaatactag atactttatt taactcagtc 180
tattttgacc tagtctaata tatagtttta gaaactctat tttttcagta aaaatatcta 240
tgcttaaaat ggTTTTtgag aactctctcc cacatctttt ctctttgcct tttgtctagt 300
aacaatgtca catctcatgt taattttggt tgtaatcaaa taatttctta aattggatat 360
gaatcatagt tcatgattga tcaattcaag ataggtcata gttcatattt aattgtgatt 420
atggatagta aggacaagaa acacaaccta aagagtccta taagttagca ttctttgaat 480
tggaagaggt accatttctt tctctanatt aaatatattt aataccaaaa ggtgaccaa 540
cattta 546
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<210> 1975
 <211> 230
 <212> DNA
 <213> Glycine max

<400> 1975

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cccctcggac aaagaaaact gatgtgtaat gatgactgtg ctaagttaga gcggaaaagg 120
gttcttgacg atgcttttga gattaccgct ccaaactctgg attcactcca ttttggtgag 180
aattcggttg cttctgaatt gctggctgac atgttgagac gtgattctaa 230
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<210> 1976
 <211> 311
 <212> DNA
 <213> Glycine max

<400> 1976

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agcttgaaat gaggaagtgt ggaaggggtga gacttcctac ttttattcgt tgaccacaga 60
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gtggtacctg aagatatgtc gcgggggtca ggagaccttg gggacgtcag gtggggtgct 120
 attgcccaga accaagcttg accaatcccg acccaaccg ggcatagtca gtcagtgaga 180
 acctgtgatg tacctaaaca ggcgagctcc tggcagtcaa cagataaaaag gaacaaagac 240
 cacaaagcaa ggaggcttgt gtggtggttg cccacctgcg aactctgact gttatatggg 300
 atatgccctc t 311

<210> 1977
 <211> 496
 <212> DNA
 <213> Glycine max

<400> 1977

tcaagaaaag gtcaaactcc ctcagaaatc ttatttcagg cttaaataagg tggctttggt 60
 catgcttatg cgcttagcgc aattctgaac cgcttagcgc gcattagtga atttcggctt 120
 agcgcggctt ttctcactca acggatggat tgaagcagtg cgcttagcgg aatgaccctt 180
 cgctcagtga atatgcacaa ctcatcttcc ttctagattc ttctcgtgc tcagccgaca 240
 tgtgttgctc tcagcggatg gctcgctaag ccacaagatt ggcttagcga gagggtgaaa 300
 ataagcactt caaaacttgc ttaattaacc tgaaattgag agaaaaatga ttattaaaca 360
 cacaaaatgg aagtactaag tacttattac ctatctttag caaaaagtat ttaccacact 420
 acaaaatacc aataaattgg aggattttga tacaatttaa accaagttta tacacaacaa 480
 gttagtcata ttcac 496

<210> 1978
 <211> 435
 <212> DNA
 <213> Glycine max

<400> 1978

agcttatcag atatagtggc gttaattggc tccacagcct acaacattta catttacgag 60
 taacatggcc gagaaattta ttagcaattt agcatcactt acctcgtaag gtgattaact 120
 acaacaataa aagaaatggg cttttcaata aagaagatga acaaatgttt ggcccagttc 180
 gttatttaag aaaaagaaaa actaaaaata aaagagtga caagcattat cacagactaa 240
 agtttcaaag gatattttta aaatattcctt aaaatttgag ttgatttaa ctcaatttag 300

taactagtaa ttcaaaaagt ggtgagaatt ctcttcact tatatattat tattattatt 360
attattttta aattttcaat aagtctcatg ccgaacaatt gtttcttttt gtaaaacaag 420
atatcacatt ttttt 435

<210> 1979
<211> 466
<212> DNA
<213> Glycine max

<400> 1979

tcaactgtga agctatcttc gtatcgagca tggccaaata tgcattgactt tcggtttgag 60
ctttacaagt tgccattgag ggttcccaaa gatgaccaag aatatgctgg tttatgggga 120
ggaacttttg gttggcctcc tggaaagcct tctgaagaca agcctggaaa ggctttattc 180
tttcttctgc tcttttatga ggagtccag ggacaacagc ttcttattgc aacaaaaatt 240
ttggaaggca cacactatgt gttacatcct aacgtgtcag caatgtttac agcaaatatc 300
aatgatcctt catccgaacc ctttccctgg gacactgatg cagactcggg tccagtgaat 360
atcaagcaag ctttcgtggg agaggggtatt gcaagtgggt acgggttcag ataccttgga 420
tcaaagcctg gttccctctt tgttttagaa aatggatatcc ttgcct 466

<210> 1980
<211> 418
<212> DNA
<213> Glycine max

<400> 1980

agaccagccg cggcctgcca gtcttgtaac aatttttctt agctcgcacc tttattatga 60
atctattcac agacctacac ccagaacttg aggtacaaag gaaagctttg tcgccgctgt 120
ttgaatacct caccactca gtgtatcaca ccttcatgg cttttctcca aagaaacact 180
catgcccttt acccctctaa ttcccttga gttcttaggc aatgcaagag attatggcca 240
ccacaaagaa ccaactccca gtatcgtgta gggtcgggct ggccaaggaa aaggttaccc 300
aagaaaaagg ctacccatgt ttctaggcac acaatgatcg aaataaaatt cataatttat 360
gaactcacct gaccatcctt cctgccacca atactattac cttaaacaga attctttt 418

<210> 1981

<211> 207
 <212> DNA
 <213> Glycine max

<400> 1981

tcgctgaatc actattctgg taggaaagat agacacttta ttatcctgac ataccagtg 60
 tggatgacac atttactcct gtgtctaaaa catttagaat ctgcacaaaa taaagctgaa 120
 cacttcatta ctcatccct agttaaatgt tactccattc ggatgtatca tcaattcaaa 180
 gaaaatgact tcgctcacia atgaatt 207

<210> 1982
 <211> 277
 <212> DNA
 <213> Glycine max

<400> 1982

agcttttgat tgaaaggaag tcttcaaac tttgccacia cttcatcaaa atgtgtaa 60
 ggtttggtat ggcaggattc taaagctttc aatggcatca aatcaaaaga ctagacatca 120
 atgaaggcga aagggtcagc gtttattgga tctatttctc cttgaaaatg ttcggcattc 180
 ttagttggag aattttcaac gacaactata ataaaaatta aaataaaatt agattcgata 240
 ttcgaacaaa gaataattga gcgcatagtt tatttac 277

<210> 1983
 <211> 436
 <212> DNA
 <213> Glycine max

<400> 1983

tcttctatat atagccttca tatttaagta tccattgtct ctctatagtt ggattcttca 60
 ctatattctt cgtttgatgt cttgagtccg tttgagcatt taatgcacgt ctcttttcat 120
 gcaaagacca tgatgatagg ataacatggt ttatacttaa atgaggaagt cacttctttc 180
 atcatagtag gtctacaaca atagagagcg ccctttgatg aggatcaaca tctccaaagt 240
 gtgggtttca tttattcttt ataggactat gatagatcct aggagaatgg tgggtggaga 300
 gatcgtctaa agcacatctt gatgttacia caatgggtgg aggagagatc accacttgag 360
 tcttagcaac agtccccctg ttgctgactc catcttgtct tgttgttctt aaaaaaacct 420

attggtcata atgaca

436

<210> 1984
<211> 326
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1984

agcttatatt cacaaggac cctagngttg ggtgccttag tctctttttt cgggctggga 60
gtttagatt ggttgtgatt gcttgtaagg attcttgatg catagtggaa atctaattca 120
ggttgtggat tagataagtt acttagcttc tctagaaata gagagtgaac tagtataaaa 180
gattgtgtct ttcttctctt gtcctaactt ttttctctca tttaagggtc aatcaactca 240
ttcaagttta atcaagtctt ttgagtatta aacaagtttt tcacaaagat tcaagtttta 300
tgattgtgaa agaaaggatg ttactg 326

<210> 1985
<211> 528
<212> DNA
<213> Glycine max

<400> 1985

actatgaaac taagctttta caaatgtctt cacaataat catcacatag cttaaaccta 60
gcaagactac ccatcatatc tccccaaacc ccataccac gaaaatcaaa ggagaaagaa 120
gtccacccaa acctgaattt ttgaagtccc actcgtagcc acgcacttca cgaccccgaa 180
aatgccttcc ttttgcgatt tggagcagaa atgatggcca aagggtgaag ctttgcttgg 240
agcttcaatg gaaaatgaag aaaaagaaaa tggcaacgtg agggcgagag agggctgtct 300
gaaaagtgtg gtggggctga gtgaagagag agaaaagctt tttggtttaa ataaaaaggg 360
gtttctcttt tttctattat tttatttatg caaatgccac atgtctccat ttgagtggag 420
caagaaaggc ccaacttctc tttttgactg tgaccatac tcagtcacca aagtgaggaa 480
aaatctgacc ctttgaaacg ctaaaatcct gcctcggttt gcgtgccg 528

<210> 1986
<211> 461
<212> DNA
<213> Glycine max

<400> 1986

agcttagagc caattcaaac gacaataact ttttactcgg atgtctgatt gagtcccgtc 60
 atatatacgag acgctcgaaa ttgaatgttg aagctctgag ccaatccaaa cgaccataac 120
 tttttactcg gatgtctgat tgagtcccgg aatataacga gagctcaaa attgaatgtt 180
 gaagctttga gccaatcaa acgacaataa ctttttactc ggatgtctga ttgagactcg 240
 taatatatcg agacgctcga aattgaatgt tgaagctctg agccaattca aacgacaata 300
 actttttact cggtatgtctg attgaggccc gtcatatatc gagacgctcg aaattgaatg 360
 ttgaagctct gagccaattc aaacgacat aactttttac tcggtatgtc gattgagccc 420
 cgcatatatc gagacgctcg aacatgaatg ttgaacctct g 461

<210> 1987

<211> 430

<212> DNA

<213> Glycine max

<400> 1987

taaacattca acttcgagcg tctcgatata ttacgagtct caatcaatca tccgagaaaa 60
 aagttattgt cgtttgaatt tgctcagagg ttcaacattc aattttgagc gtctcgatat 120
 atgacgggac tcaatcagac atccgagtag aaagttattg tcgtttgaat tagctcagag 180
 cttcaacatt caatttcgag cgtctcgata tgtgacggga ctgaatcaga catccgagta 240
 caaagttatt gtcgtttgaa tttgctcaaa ggttcaacat tcaatttcga gcgtctcgat 300
 atattacggg actcaatcag acatccgagt aaaaagttat tgcgtttga attggctcat 360
 agcttcaaca ttcaatttcg agcgtctcga tatatgacgg gactcaatca tacatccgag 420
 tgaaaaggta 430

<210> 1988

<211> 441

<212> DNA

<213> Glycine max

<400> 1988

agcttttaga aacaggtcag cattcactct ctctatttct ttttaaaata ttatgtgcaa 60
 tattattgtt cttgtatatc tcaaaattta taaagattgg ctcttgcttc tttctgtttt 120

aatacaacaa tgttaagagg ttaaactctt tctgtattat atattagagg aaattgcact 180
 agcatccctt gagatcttcc taaatgatac aatccagtc tctagattct tttgacttgc 240
 tgaatacagt gagttgtatt ttacattttt ttagagtact gaatacagtg agttttatga 300
 ctaatagatt tataatctta atttgtagta tatgaaattt gaaagtataa ttaaatttgg 360
 atggtgttga aaaaatattt tactttgttc tgcattggaa aaacatgtat tgaaacatta 420
 tttacaaaca ttgtatcatc t 441

<210> 1989
 <211> 553
 <212> DNA
 <213> Glycine max

<400> 1989

tgcattcatg tgcactagtt attgtattat tgaagagaaa gaataaattt gaggtagaga 60
 ctacagagtg tagcatacat gtccacttgc tgtttctgac agttggcggg tccataaatt 120
 tgaaagattc aatgaaccat ctttcagaga cattgctatt cccattgttg cagctgagtg 180
 tgatgataga ttgctggaat atgaagcaca agaaacatta aaaggattgc taaaacaggc 240
 aaaagagtat gttcaatttg atttactgaa tacaaaatta cccaccgagt tgtttgcacc 300
 ccgattagtg caccgagacc agccgaggcc acaacctcta ctgacgaaac ttctgaaagt 360
 tgatgcctaa acacagcagt agcagctcca ccaccttcat ctccattcac tgctaaatta 420
 cctccaatcg taacagcatt gtgctttgat aactgagaac tgaattcact tgtcatagcc 480
 attctgatac tcataaacgt aataaaatac acaaacaatc agaccaaaaa caaagaagtg 540
 cttaacacat taa 553

<210> 1990
 <211> 485
 <212> DNA
 <213> Glycine max

<400> 1990

agcttcatcc tcagatcctt cttgttggac taggctcaat ttagacaacc ctccataggtt 60
 tagacaaact taagctaagc ttcatcctca aatccctctt gttggactag acttagcttg 120
 tcatacccta atttcgtctg gggactattg tttgatggca tgaaaccttt gggtgaccgc 180

ttcgagttac ttggcaccct ttgttgaca atacgtgaag ttccgagaca tgccggaaat 240
 caacaggaag cattgttatg caatccgtga aattccgtaa catgtcggaa atcaaaagga 300
 agtattgtta tgcaatccgt gagtttccgt aacattccaa aagctaaaaa aggagtaatt 360
 acatgatccg taaggttccg taaccttacg gaaagaaaac aagtatcggt atgaaattcg 420
 tacagtttcg taacattacg gaaaatgaat caccacaaga agcaaagggg ggtgtattta 480
 ataaa 485

<210> 1991
 <211> 320
 <212> DNA
 <213> Glycine max

<400> 1991
 ttcttgtagc atgcatgggt ttgacgtatt cttttgcttg aattcactag atcccttccc 60
 gcctagtatt tctcactggt aggctaccgg ggaaactcgg tggagccgct gctgggttctt 120
 tgtctctttg gcccttaatt ggcgccctag tgcacccttt cttctcttta ttcattccac 180
 attctacttt ctgtaaacc cttactctgt gtcttgccgt tttcagcctg aattccattc 240
 ccgaaatctt ctatgatatg aaactacata catcaattaa gaaaatagt taggaatcta 300
 agataagata ggtcctact 320

<210> 1992
 <211> 357
 <212> DNA
 <213> Glycine max

<400> 1992
 agcttctata gaaggttcat tcctaatttc tctacaattg catcacctct caatgagctg 60
 gtgaagaaga atgtggcatt taccttgggt gataaacaag atcaagcctt tgctttgctc 120
 aaagaaaagc ttactaaggc acctgttcta gctcttcttg acttttctaa aacttttgag 180
 ctagaatgtg atgcctctag agtgggaggt ggagttgtat tgttacaagg tgggcaccct 240
 attgcttatt ttagtgaaaa acttcatagt gcccccttc actacccac ctatgataaa 300
 gagctttatg ccttaataag agccctcaa acttaggaat attaccttgt ttccaag 357

<210> 1993
 <211> 551
 <212> DNA
 <213> Glycine max

<400> 1993

tgtatagttc cccaatttat gggtattttg tattgatttt tgtataataa atcttgtttt 60
 atgggtaatg ttgtctctag aatattttcca ttggatttaa tgatgaaatc tgtgcatttt 120
 caggtgaaaa agaggctaag ttttgaattg caaaatgtag tagtggggct aagctcagca 180
 gttgggctaa agcgcatatc cattgctaag tgcagcttca gcgcgcttag tgcaaaagat 240
 aatctggcag agtatcagtg ttcggtcttc ggcaagtgc cgggatcgca caagtagtat 300
 aaaacggtaa gaaccgagta tcgaacactc ggggaacttg ttgtatttgg taatctattt 360
 cagcaaatag gcgtctattg tgtaaaaata agtgtgaata tgaacaagtg tataaactat 420
 ctgtgcaaaa agaataaaaa tcacgcgaga gaaatgatgt gtaaaaacaa gtagagtaca 480
 cgttggctct cctaataagg gctgatgcg aaaatgatat tctctatcta acaatgctca 540
 tgtgctctta t 551

<210> 1994
 <211> 603
 <212> DNA
 <213> Glycine max

<400> 1994

agcttctcaa ggaggtgagc ttagttatga gagtgggtgt gtgtagctaa gctctagctt 60
 ctcaaggaag ctctccaca tactctctc ccacgccct caccctccag ccggccctca 120
 cctatctctc tccaccccca ctccccctc tccctccct ccgaccccc tccctccttg 180
 cctgcccccc tcccttacc ctccccact ttctccccc tccccgccc tccccaccc 240
 ccccgcccc ccccccccc ccccgctctc cccctcccc ccttcccccc catctcccc 300
 cccctccct tctccctc ccccccccc tctcccccac ctcccccatc cttacctccc 360
 cccctccct ccatcccccc cccctctacc ctccctgct ccccccccc cccctctat 420
 cctccactcc ctccccccac tccccccct tccccctc ctccccagc ccgctctct 480
 tctcccccc cccccctc cccaactccc cccccgccc ctccccctt tcccccccc 540
 ccgccccctc cttcccccc ttctcccccc accctcccc cacaccccc cccccctc 600

ctc

603

<210> 1995
 <211> 400
 <212> DNA
 <213> Glycine max

<400> 1995

tctaaacttt atacaagaat gaagctctga taccacttgt tggataagtg gcctcagata 60
 tcttacgaaa ggggggttgaa ttaagatatc acaaactatt tcccccaatta aaaattttatt 120
 ttacttttcta ttcaagttat aaattccctt aaaaatgaac ttcttaaata ttgattcaaa 180
 taaagcaatt tgaatatgaa tataaaacaa taataaataa aggagtttaa gggaagagag 240
 attgcaaact cagacttata ctgggttcggt cactcccttg tgectacgtt cagtccccaa 300
 gcaaccgct tgagagttcc actatcttgt aaaagcctat tacaagatct gaaccacaca 360
 aggacaacc ttcctttgtg tttagatttc tttacaacaa 400

<210> 1996
 <211> 111
 <212> DNA
 <213> Glycine max

<400> 1996

agcttgcata actgaaacca tcttttgggg tattttattg gtaaaaacag cagcaccttc 60
 aacagaattc attgaataac cacatggctt aaaagtaaag tcacaaatct c 111

<210> 1997
 <211> 416
 <212> DNA
 <213> Glycine max

<400> 1997

tgccagaata atgggttgga tacagattat tctgggatgg tttgtcatct tggtaagcct 60
 tttgagtctc actagattct actctgcagg ctttttcgtc cacaatgaag gcatatgcc 120
 acacttctac aatgtgaggg atgtttctga tggttttgat gtcaaatcac tctctgatag 180
 agttggagaa gtgatagaca agttggaaac tttgcatgcc aagcttgagt caaaagtgca 240
 agaaatggag aaaaacaaag gcacctagtt ggaccaagaa gtttttaaag gatcaaatag 300

tttggccatt tcatagtgt aatgttgctc taaggcgggt tcgggttccg aaggttgatg 360
aatggatgaa gttcgcagtg aaagaggatc atgtgatcaa tttttttcat cactga 416

<210> 1998
<211> 948
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1998

accttttttc tttcacacgc caccaccncg ttcacggcgc tcgtgaagaa gaacggggca 60
ttctctcccg cgggcgtcaa ccaaccacac aagccctttg cttctgctca aaggaaaagc 120
cttacttata ggccccctgc cctagctctt ctccgcactt ttctataaac accttccacg 180
ccttaaagcg cgacccccct ctaaaggcgg actctcgaga cccgcctccc gctcccacgc 240
cgcgcccccc ctcttggect atttttaccc gcacgaaact ccgcttggtg ccgcccctcg 300
tcctcccccc tccccactct aaacaacaac ctctcatccc gcctccaata agccacgccc 360
cctcgctcat ccactagctc cccctctgt tctctatggc ccttgectct tctttcgacg 420
tctctatccc ctctacctcc cgccgcacac gatccagctc ccttccctct ctcaacctaa 480
tctctcttac cgtcccttog tccctcggtt cctctttcac caccctctc tctctccgcc 540
acaccgacct ctcttcccca cttccccctc ggggcgccac gctccattgc tttccgcacc 600
accgcctgcc accgatcact ctcccgcctc tccccactta ctttctcccc gccaatcacc 660
cccgtcactc cctctctc tgcctacttc tctctctcg cacgtacca tccactcgtc 720
attgctccac ctatccgacg ctctacctc ctactctcta tcacctatct tacctntnct 780
tgactacaac gctacctcgc ggcctctcgc ctctacgcgc accaccagtt ccttctatc 840
tccgctctac tctgttcaac agccccgttc ttattgcgac tcnccatctt cgctccctacc 900
tccgacgctc acgcttgccg gtcgcctnca gctcgtctca ctgcgccn 948

<210> 1999
<211> 382
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 1999

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 ggttccttgg cctogaatca aggaaaaaacg cgtctctctc cgtactctca cctthtttccc 120
 tctthtttct ttaaccaacg cataacaaca tgggggtggag tatccctaac aggccgtaac 180
 accctaatagc attgtcggta gtgtcatctc gatgagagtg atagtgtcaa gttgtccatt 240
 gtgcgacaat ctatcgacta catggactcc cagcctacat tcacaaaagta tthttcaaaat 300
 ggtaccatat gcatgcaaat ccataagtta aatgtgaatc atcttgcatg tgtgtctatg 360
 tgtatgagac atttgaaggg ga 382

<210> 2000
 <211> 431
 <212> DNA
 <213> Glycine max

<400> 2000
 agctthtccc ccatcccca aataatthtc atactattat ttcataaaaa tccctaacgc 60
 gtgtgttcc tthccccacca caaatgcgaa cgaagaaaac aatgtgtaca tggcagattc 120
 tctccaactc cccaaataat tthcactggc aacgcattac caccaccacc acccaccac 180
 acgcttcacc tccctcctth cccctccctt ccatgcaaga tctthtctgc caggggttccg 240
 attcctcaat ctctthttct attthcaaaa acattcttht cctthtctctc tthttthtatt 300
 ttaccaattc tthttctctgc aggcaactca actctthccc tccaagacga cgccggtgct 360
 ccaggctgag ctaatgctth gcccacaaacg aattcataat cttaattaac tathtttaaaa 420
 cctccgcatt c 431

<210> 2001
 <211> 387
 <212> DNA
 <213> Glycine max

<400> 2001
 aatactaagc tcgcttctac atthtatcacc tthtatagatg attgttcgtg atatatgaat 60
 atthtattgc ttcataacaa aaataaagca ttggatccct tcaaagtctt taaggctgaa 120
 gttgagaacc aatgtggtaa gaaaataaaa atagtgagat tagatagagg tggagaatat 180
 tatggcaaat atactgagaa tggacaagca cctggctcctt ttgcaaagtt tctthcaagaa 240

catacgattg ttgcccggta cactatgcct gggtctccaa atcactatgg tgtggctaaa 300
 agaacgaacc gaacattatt ggacacggta cggagtatgc ttagcaactc tgatcttcct 360
 aaatacttgt gggctgaagc actaaag 387

<210> 2002
 <211> 358
 <212> DNA
 <213> Glycine max

<400> 2002

cgcatgcatg ctattgcgct ccaatttgaa gtgttttctt tttcatgaca gacaaaccca 60
 aattgaagtt gcgttcggaa attatccttg cccatcgccc attttattga tctcttgcac 120
 cctcctaaaa cattaatcat attatagtta attattaaga tacagaagta cttataatat 180
 tatattatga ggtgccttgc cactgataga tacatttgtg taagattaat gaatcgaagc 240
 ctccacacaa ttacagttac ataaaatatt cattaaccct agtatgtgat aatcacatac 300
 ctaatgcatt gagtttagtc tggtttgaat attactactg tgtttcctat atatTTTT 358

<210> 2003
 <211> 953
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2003

accacgaacg cgagacgggc gtgtgtgcca ctngancgta cgttcacact cncagcacat 60
 anacngagtg ctntncagcg gngcgtcagc attaaagtgt agcacacagg aancacgcnc 120
 nctctagcag ccnncccccc cnnccgagag atgaaaccnc tgtaacagac gccgggcatc 180
 tataaaagag agctggcgagg aagccagctt tgggtaagga gcattaaaag gagattggta 240
 tggggaaaaa aaaggagggg gcttaaagta tacacacaga ggcatatgca caagaagctg 300
 ccagggtgtaag agtaaaaaca ggcattgatg ctgagggtga cggcccctat gccccctcag 360
 aaatacaata tgtgaagcag gccggctata cattcgtagc atggcccaca caacttggga 420
 aagctgtatt aaatgagga acatggtaga tttgacatgc gcaaaggaaa acaatcatag 480
 aatacaggac aaatactcgc ccacttttat taaacaggta ggaaccacaa agtaattcac 540

acaacgagga tgcacatgtg ccgaagccgg ctaatgggga agcagatgaa ccggtgcggg 600
gaacgataaa gaacagttcg gagaattaag aaaaccacg ggagactacg tttgatggga 660
ggtttcttgg aatggagacg gtcacatcg aaatccataa aaatcacgag ggagggaaaa 720
aaagcgggga aaaaagtctg aacataactg gcacacaaca acgcgaaagg aagggaacac 780
cttaattaat tagccctcat taatggagta aacggagcaa tacaaagcgt taaatacagg 840
gaaagggcaa agggcgaacg gagccacaaa tntccacggg ggtcaggaag ccatcgcggtg 900
gggcacaaag gaggatcggc cgaagaggaa aaaacaccac cggcgacaaa act 953

<210> 2004
<211> 321
<212> DNA
<213> Glycine max

<400> 2004

gcttcgggag ttgtatttac gcacggggaa ggtattagca ttctctctcg tccatcacaa 60
gagacgacag cctttaatca aatgtgcaaa tatgacttta attcatggta tcttcccttt 120
ctgcgttctt atggttttgt atgctttttt atatttttat ctttttgagg tcgacaaggg 180
ggtttccctt tgctcctacg tattcctcaa ttgtgataac gaaatcatal ctacgttagt 240
ctttgtgaat aaagtgtttg gttaagtttg ctctattcct ttttgcgaga tatgtcttta 300
ttgaatgaaa ggtcatttta a 321

<210> 2005
<211> 401
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2005

agctttgttc actgcagttt caaatttctg atttattact cttctaataca tatccccaat 60
catataacaa tatttaattg ttgtttgtta agcacattac tatttatattt ctttaaattt 120
atgaagctac aaagtataag acttttatga tgatatgtta aaaataaatt ctgagtcact 180
ttatgaaaac aaaaacaatg gtatcaattg aataataact acaattaatg actctaattt 240
gttaggacta agctcagaca tatttctttc ttcatttagg tgttcaagct gcaaccagat 300
attattacaa atgtggggat agntctattc cagccatgac ccaagagcat ttctttttaga 360

cttttcctaaa acctagtgcc aaataattat ccaactccaa t

401

<210> 2006
<211> 426
<212> DNA
<213> Glycine max

<400> 2006

tgatgaagag tgcttgacag cttttcagac cttgaatacc agtctcgtgt ctgctcccat 60
aatagtgcaca cctgactgga gtaaagagtt tgagctcatg tgtgatgtcg gtgactatgc 120
aatgggtgca attcttggac aacagcaaaa caagggtattc catgccattt attatgccag 180
caaggtccta aatgatgcac aactgaatta tgccaccatt gagaaagaaa tgctcatcat 240
tgtttatgcc ttagagaagt tcggatccct atttggtggg ctccaaagtc atcatcttta 300
ctgatcatgc agctattaag tatcttctaa cgaagaccga tttggagcca agggtaatca 360
catgggttct tctgattcaa gagtttgata tagcgattaa agacaaatag ggctaagagt 420
aaagtc 426

<210> 2007
<211> 301
<212> DNA
<213> Glycine max

<400> 2007

agctttttaga gatggattgt atgtatttga ctaccttttg tctatctcac cgtgttttgt 60
gacaccaagt ttgtaaagt gtctgtaacg attcttcttt ttttctgtgc ataaaaaata 120
ttttaagtca tgtaacaatg tgaactctga ttagctaatt tacattttta aataaaatgt 180
cttttggttg tgtacacatt gtctcggcaa atctctcaaa ttgacttttc taacagtacg 240
taacaccatg tatgctaaca tggtaactgga tttggaggca atgtgaacaa aaacaagagt 300
a 301

<210> 2008
<211> 390
<212> DNA
<213> Glycine max

<223> . unsure at all n locations

<400> 2008

tatagaaact cagctttaca agttttcctt gtctttcaga tactgagtca ttggcatgct 60
ttcaagaaac aaatggttga gttggtcttt agtatcaaac aatccatatt taatatactc 120
agaagcatgt ttaccaagaa catcttgcaa cttctcaatg aagttcccat atgctggcaa 180
caagatgtgt tggagtgaca ttattatctt ctcacttagc tgcttatcaa aggcacgcca 240
tttagaattg agtgctacat atatccttga agtgcatggt gaactaattg aggctgcctt 300
tcagtgactc tgcgttcgca ttatgtcca ctagctngtt gtctctagct ccagaaagtt 360
agcgccatat tccaagaact actttgatta 390

<210> 2009

<211> 353

<212> DNA

<213> Glycine max

<400> 2009

gcttaaggag accactttga actttttcac gaacaatatg gcaatctaag tcaatgtggt 60
tagtacgctc gtgaaaaact tggttaaaag agatctggat agcgattgat tgtcacacca 120
aaaattgggg ggtgaaccta ccaaacacgt aaatcttgaa ggagatatgt gagccattgg 180
agctcgcaag tagtggaagc caaggctcga tactcagctt cggaggagct gcgagacaga 240
gtgggctggt tctttgagca ccaagaaata atggaattgt cgagatagac ggagaagccg 300
atgatggaac gtcgagtgtc atgacaaccg gcccaatcag aatcactgaa tgc 353

<210> 2010

<211> 609

<212> DNA

<213> Glycine max

<400> 2010

catcccatgc ttctttggcc gtcgttgctt tggatatctt ctcaaagtga tcttcatcca 60
ccgattgata aatgagaaag agagctttct tgtctctctt tcttgactcc ttcaacgtct 120
cctttacacc ttggcttagc gaggttctat cttgttcctc gaagccattc tctatgatat 180
cccacacatc ttgagctcct agtagcgcct tcactttgat actccaatta tcatagttgt 240
tctttgtgag catcggcatt tggaaaggaa aacctccatt cgccatcttt tgaggatctt 300

gaagctctga taccactttg ttggaaataa ggctttttat gtttaggaaa agtgtttagg 360
aatattggag actttgaata ggaaggagaa ttctctatgg aggagagaac tttgtatttt 420
tgcttgatac aaatgtgtag gattacatct ctatttatac tactctaagg agaactctag 480
acacactaat tctagagagt tctcaactct agagatccaa agaggattct agagaatatt 540
aaaaccataa gaaatatcta gacacttcaa aactacaaa aattctctag aacatgaccc 600
ataattact 609

<210> 2011
<211> 348
<212> DNA
<213> Glycine max

<400> 2011

agcttgcaca ctctattata ttggtctacc aagtgttata acacaatagt gaagcgttat 60
tattgcacaa cagtgaagtg tacttatttt cagtctaggc cacaatcttc accccattct 120
ccctgctcaa ccactgaatc aaaatttctc cagccacacc aaaatagaga tgcagaaagg 180
aggcaaaacta atactaccaa taacccccaa gttccacggt ttaggtggga attatactat 240
taccaaaacg ggttctacaa cctcttacag tagcataact cttgcaaaca ctctaaatag 300
taaaaaaaaa aacttcaaca ttacagaact cacttccatg tgaaaaaac 348

<210> 2012
<211> 460
<212> DNA
<213> Glycine max

<400> 2012

tatggatcat tatgtggatc aactcattgc atatgcatat ctctaggtac acaaaaatat 60
ttttaaacct tttccatta tttgaccggt agacactaca catacacatg atttgggtccc 120
caagtaagtt actagggttt tagaagccag cagcagtagg caaaaatgtc gagttccatg 180
atgacgtctc caaggaggct ctattgctct ctgcttcgaa cccccaatgc atategccac 240
ttctccaccg atcacctttt cgactctgga cgaggccgac tcagcaccgc acccaccgcg 300
acccgacgcc gttcaagaag aagaaaagtt cgtcatcgat cgccccctcg agaatggcct 360
cgacgatggc atctacaggg tatcgtattt ctattcgaaa tccaatttac aattagcgat 420

tcattttccc attcaattgt gctgtgttgt gttaggctat

460

<210> 2013
<211> 988
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2013

acgacataac acattaccga gatgtggaca tacatatacct taccgtgtga acgataagag 60
ataaagagat ccttataaaa ctctaaggan ntnnnntgtg atgatgcctg caaccgtgca 120
atagcgcact atncaatacc cagctatgag ggcgcgtcag ccaccaaacac agcagaatat 180
agtattaatt gatgtgagca accaacacga gcgacggaac gcgatattaa cacaccgtac 240
taaactctac acgacgtaat acgaaaccac aaaaggaaca cataactctag gccagccaaa 300
cagaacgaca acctaataaa gacccattca aaaacgtcaa cagagggggc gggcacaatg 360
caacaagaca cggatagaga ctaacgacaa cacaacaacg aaatagggat tgcacaccca 420
cacaacacag gagcctanaa agacataata taaacaaaat aaatgacagt gaggagacag 480
ttgaaacggg agcgatcaaa ttgccacca gacgattgcc accgcaaaca accggggggac 540
aattgaagga atgataacga actaaggac ccatgataag aacgacacga atgcaaaaga 600
aggcaatggt gataaggaaa caaattaact cgaatgaaca catacaaagt gaaataataa 660
acaagtgata acgcatagac ggtcagataa cgactgggtt attatcaagg agaaatgacc 720
tcactggata cgaaacgacg tggaaccgaa cagaacagcg agatcaatga aaccaaacgg 780
aagcacataa caacgaaatt gaccgcacag aaatgcgaaa cggaccgtct gcgatacggc 840
cgtcattgac accgagcagt catcgcaaac gaaccacatc gtatgaagca aacacagaga 900
gatatgaact ttactacacg atcacgccac gcatagtga cagagacggag agtctcaact 960
cggaacacac aactcactac tacgagct 988

<210> 2014
<211> 370
<212> DNA
<213> Glycine max

<400> 2014

agcttgcttc cttttgattt cggagacgtc tcttgacatc atttattgtg caaccaagga 60

cgccaagttt tctcaaagcg gccaatccaa ggttgatat catcaaataa taatccccgg 120
acgaaattag ggtatgacag gagccaccag aaccacctta gattgttttg tcttttttct 180
cttccttcct tctactcct tctccttacc ttcttctctt tcttaccttc ttgtaacac 240
cctgaaattt catcttaaatt tatttcctac attgtgaaag actagatagt gtaagttcac 300
tctatgtaaa ttactttgt gaatttatga atttaattta ttgtttggat aattctaata 360
cttgaaattt 370

<210> 2015
<211> 577
<212> DNA
<213> Glycine max

<400> 2015

tcttcagaaa cgtggcattt gtgtgcaata cacaatgctc gggttcaccac aacaaaatgg 60
tgtatcagaa aggtgtaata gaacattaat ggatattgatt aggagtatgt taatcaattt 120
gactttaatc atatctttgt ggatgtatgc cttgaaaact gtcatgtatt tgttgaatag 180
gattcctagt aaggcagttc caaagacacc tttgaactgt ggacaaatag gacacctaata 240
atgaggtacc tgcattgttg gggttggcaa gcagaaataa ggattttataa tctgcaagaa 300
agaaaattgg atgcaagaac aatcagtggc tatttcatta gttatccaga gaaatcaaag 360
gggtatatgt tttattgtcc taatcataat atgagaattg tcgaaactgg aaatgcaaga 420
ttcattgaaa atggtgaaat cagtgggagt acagttccac gagaagtgga aattaaagaa 480
gttagagtgc aggtcctttt tgcttgggcc tctaacagta aggtgattgc tcttttaatt 540
gggtgttgcatt aattaatgaa gaggagcaac acattaa 577

<210> 2016
<211> 450
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2016

tggagacgat gcttcaatgg aggaaaagaa agaggagag ttagagagag gggggagcac 60
aaaattgaag gaagaaaaag gtagagaagt tgaactttga gttgtgtctc ataagacttt 120

cattcatcan agttacaaca agtgttacac atgcttctat ttataaaca ggtagcttcc 180
 ttgagaagct tccttaagaa aacttccttg agaagcttct ttgagaaaac ttccttgaga 240
 tgctagagct tagctacaca cacccatcta aaaactaagc tcacctcctt gagaagcttc 300
 cttgagaagc tagagcttag ctacacaccc atataaaaa taagctcacc tccttgacaa 360
 aatacatgaa aatacaaaat aaaaagtccc tactacaaaa actactcaaa atgccctgaa 420
 atacaacgct aaaaccctat actactagaa 450

<210> 2017
 <211> 331
 <212> DNA
 <213> Glycine max

<400> 2017
 gtacatatgt tctcaacacg agaacgtttg aggtatctaa taagcatgtc tgcaagttgg 60
 tcaccggagt tgacaaagtc aatgatgatt tctcctgaga gcaccttttc tctcaciaag 120
 tgacagtcaa tttctatttg gttagtctgc tcatggaaga tcggatttga tgcaacgtgg 180
 agagcaactt gattgtcgca tagtatcttg agtgtctcca aatttttagtt ggtggagaaa 240
 ttgcctagcc atgtaacctt ggatgcaata gctgccatag catgacactt agcttcaaca 300
 ctggatatag caattgtttc tgcttcttac t 331

<210> 2018
 <211> 446
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2018

tgcctcanag aggtccagga aggacaaggc ggccgaagga actagttccg ctccggagta 60
 cgacagtcac cgctttatga gcgctgtaca ccagcagcgc ttcgaagcca tcaagggatg 120
 gtgcgtttctc cgggagcgac gcgtccagct catggacgac gagtatactg attttcagga 180
 ggaaatatgg cgccggcggt gggcaccact gggtactcct atggccaagt ttgatccaga 240
 aatagtcctt gaattttatg ccaatgcttg gccaacagag gagggcgtgc gtgatatgag 300
 atcctgngtt aggggtcagt ggatcccgtt cgatgccgac gctatcatcc agctcctggg 360
 atatccgatg gtgttggaag agggccagga atgcgagtat ggccagagga ggaaccggtc 420

tgatgggttc gatgaggagg ccatcg

446

<210> 2019
<211> 136
<212> DNA
<213> Glycine max

<400> 2019

atagcctga atcaacatcc gtgtgaaaag ttatgaccat ttgaatgttt cgaaagcttc 60
ctttgttcaa tggcgagcat atagacataa tgagagcccg aatctgacca ccgtgtgaaa 120
agttatgacc atttga 136

<210> 2020
<211> 415
<212> DNA
<213> Glycine max

<400> 2020

tagcccaaga ggcgatggac cttttcaggt cttggagagg atcaataata atgcctatag 60
gttgacctc ccaagagagt atggagtcag caccactttt aatatttctg atttaattcc 120
ttttgcaggt ggagctgata tagaggagga ggaaccaata aatttgaggt caaatcctct 180
tcaaggggga ggggatgatg caatcctccc taggaaagga ccagttacca gagccatgag 240
caagaggctc caagaggatt gggctagagt tgattaagaa ggccttatgg ttctcatgaa 300
ccttagggta gatttttgag cccatgggcc aaggttgggt ccaactcttct ttgtaaatag 360
tagaataggt tgttttcttc ttttgggcct tgtattctgg ccattctagt agtat 415

<210> 2021
<211> 205
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2021

ctcaciaatg ccaagttacc tttcaaataa tggacattaa cccccctac agctgtctgt 60
tggggtgtcc gtggatccac tcaagtggag ttgttcctc tacacancca ccaaaagtga 120
aattcgtagt ggaagggcat ctggtcatcg tatcangcga ggaagacatc ttggtgagct 180

gcccatactc tatgccttat gtgga

205

<210> 2022
<211> 453
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2022

ntaganactt gttntaaaga tgtaccctct tctggttgct tcctcttcta agagggaatt 60
ggatccttgt atgactgact ctntgtcctt gccatctaca aattacaaca taagaaagat 120
atgcaatttc tatctcgta gcaaagaagg agcattgaaa aaaaaatcta gaggagtgga 180
agaatgacat attctgcac aaatgggtag gtctcaccat ggcaaaattg agccctgaaa 240
ctcattgaag cttctggaag tgcatttgcc atggagattt ggacccatgt agttgagata 300
gcctctggag gtcatttcac tttggcaaata gataacctca ttgtagctga atagatcttg 360
aaacaaaaga atatcttttg aagtccttc gccttggaac gatgaatttt tgccatgatg 420
aanagttacc cgtagagaat tcttgggtctc tat 453

<210> 2023
<211> 448
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2023

agcttggaac atataaactg aatcctagtt cctcttaagg acttagtcaa aatgtctgct 60
ggctgatcat tagaattgat gaactcagtg gtaatctcct tggacaataa tttttctcga 120
atgaagtgac aatcaatctc tatgtgcttg gtcctctcat gaaagactgg atttgatcca 180
atgtggaggg ctgcctgatt gtcacaaaat aacttcattc gtgtaacttc acaaaacttc 240
aattcttgaa gaagttgctt aatccacata agttcacatg tgaccaaagt catagatcgg 300
tactcagcct ctgcgctgga tcgagcaaca acagtttggt tcttgctttt ccaagagata 360
agatttctc caatgaaaac acagtagcct gaagtagatn tcctatcaat aggacaacca 420
gccaatctg catacaatat ccagatac 448

<210> 2024

<211> 450
 <212> DNA
 <213> Glycine max

<400> 2024

tcgcctttgc cttttcctaa actactgtag gaatattagg gtatggacga atgggttagg 60
 gtgttggggc acataaagtt gggatgcaaa tggtagcgt ggcggtgttt gggttgggac 120
 gcaaagaaga ctgacggacg agaatgagta caacataaga aggggaaggg tttggggtgt 180
 cttgcgacga tgcaaaggac ggtaggggtt gggtttgggg tgtcttgagg cgatgcaaag 240
 gacggtaggg ggtgggttgg gagtgtttag tctttggctc taaaaggga ttttttcat 300
 gcaggaagca aatagggagg tgtgggaagt aaaatcctaa ttttatcgg attgacatat 360
 acaactaaaa ttgtttaagg acattgttat cactaccata attgctattg acactatgaa 420
 gtcttggcag tggccatttt aaccttttga 450

<210> 2025
 <211> 211
 <212> DNA
 <213> Glycine max

<400> 2025

catgtctgca gctgcagatt caccatttcc tataatctaa agttttatct aaatagctct 60
 gagtaagtat tctgacaaag ggtggagtct taattaaact tgttgaagga gatatgttat 120
 tgagagaaat tgtgttaatg cgctgcatac ttgatctctt atttatgact tgattacaat 180
 cgaccaatgc cataatcaag agcttaatta g 211

<210> 2026
 <211> 449
 <212> DNA
 <213> Glycine max

<400> 2026

tatgagagtc acaggctata tttataagtt caaatatgct cttctaattgc tttcttaata 60
 taaaaccatt tatgtgtctt caccttatag ctttaagcttt ttggggttgt agttcatgag 120
 atgatatcag agcctctatg accaacttgt ctagagttca attcttgctg cccacactct 180
 tataaaaaag ttgaattact gcacaaggta ggtggacttg tgcattatcc atgctaaggt 240

tcttgtgtga gggggtgttg gagatgtaat ataaaactgt ttgtatgctt tcaccaaaca 300
 atttaacctt ttgggattgt tggatgataca actatTTTTT caaacacatc cctccattgg 360
 tagtttggtg cttctatTTT cacttcaatg tagcttgcag ttgcagtgtt taatattcca 420
 actatTTTgca attaccattt cctttccta 449

<210> 2027
 <211> 191
 <212> DNA
 <213> Glycine max

<400> 2027
 agcttcacca ccaagatgag ccttggataa aaagcttggg gaagatgctt caatggagga 60
 aaagacagag ggagagaaaag agagaggggg gagcacgaaa ttgaagggaat aaaagaggta 120
 tagaagtggg actttgaagt atgtctcaca agactctcat tcatcaaaag tacaaccaag 180
 tgtacacatg c 191

<210> 2028
 <211> 453
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2028

tgtaggatta tggcgtaccc atcacatgtg gtactatgtg gtggccgggg gatggtgcac 60
 aataagtttt ccacatgcac aatgcacgca taaaccacc atccctgtt gccacctcc 120
 aactgagctc acgtactccc acgtagctca tatccatctt tctctcaaca ccaggacccc 180
 atcaatcctc ccaagcttgc ccaacatcaa agttatacaa cattcacaca gcacaagcta 240
 tcacagctaa tcaaaacagg gcaaatgcag aacactctgc ccagaacacc aaccaaatac 300
 acagcttttc acatacaaat accccagana cattttcttc gttccaattc gttaaccgtt 360
 ggatcgactc gaaaatttta ctgcaagact ctagtactta agcctaaatt gagaccgttg 420
 ggatctacta tcaaacatgc agagctcatt ctg 453

<210> 2029
 <211> 401
 <212> DNA
 <213> Glycine max

<400> 2029

agcttgaacg tatgtaagac acatcttctt aacctttgtg attctggact ccatttcatt 60
gaagcgcata tccacttgta attccaaatc gtcaaacctc tcaccaacaa aggtttgaag 120
accatcaaac ctgtctaaaa tctgaaagga gagatgaatc ctctccatca tgtccttctt 180
caccaacatg gcgagtacct ttcttcaccc aagagccatc atgctccttt tgataaccaa 240
aagatgctat gactaaagtg cctataagga aagatctctt gattggaaca taagggttag 300
aatcaagagg gatgttgaag tgttgaagga aaagggtaac aagatgaggg taaggcaatg 360
gagcattcaa tcgcaatgcc ttatgcatgc aatatctaac a 401

<210> 2030

<211> 445

<212> DNA

<213> Glycine max

<400> 2030

tcaacctaga ggagacggac cattccaagt gttggataat atcaacgaca atgcctacaa 60
gattgacttg cctagtgagt ataatgtaag tgccactttc aatgtgtctg atctatctct 120
ttttgatgca gatggagggg ccttgtatctt gaggacaaat ccttttcaag aaggagggag 180
tgatgatgac ataaccaagg gcaaggacca tgaagcactt gaagggccca tgaccagagg 240
cagacttaaa caagcccaac acgtcataga gacaaggctg gtcatttgta tagctaccat 300
tgatgatgat tgaaggccca agtggagaaa gatgaatgcc cacaggcata ggcactacca 360
agactactaa ttgttgctga acgccaagt taaataagtt tttagttata atttattttt 420
attgtaactt tggcccaaac tgttt 445

<210> 2031

<211> 433

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2031

agctntaacc tcatcgtccc tcacagtctt tatatttggg agccaatcca atccttgtgt 60
tcggactctc aaccacttat gatagccgcc gatgatccca ttactgcttc ccctaagctc 120

tctgttcttt cttcacgccg catcccatgc cttgcaaact ccttgaggta ccttcgcggt 180
 gtggtcacta aaaccctgtg cgatgaaagg cgtgatgctt tcgtctaata gcgctcctct 240
 catggggtag ccaagctgtc ttatggtag aacgggatta taattaatac aacccttgt 300
 tcccatcaag ggaacatttg gacatccttc gcatgaagat agaatcctga ttcttccttc 360
 cttctagcga gggaaccaat taacagatgc ccccccagtc tagccaggag ttggtcccaa 420
 ttgcctttt ctt 433

<210> 2032
 <211> 450
 <212> DNA
 <213> Glycine max

<400> 2032

tataagaaca aaattgcctt aatcatttcc aaatatgcat gtgaattaag acgcatcaac 60
 aagaatcaag ccaaggctat tgtgcaagca atcaatgggg caaaacacac caaatgatta 120
 taatgatgga tggtctaaat tctcaciaag gtaaaaccat cactttcaaa ttgagctttc 180
 aaaactatca tgacatgtag agaagaatca aggatttcaa gtcacaaaat gtcaagaact 240
 tttattttca aaacaattac ccatttcttg aacctatcct ataattcaaa gaaaaacatg 300
 caaagtcgta cgtgcacacg aaattgaccc aaaatattaa actgaaaatc cgacgaaact 360
 aacaacatta acaaattaac acaactaaca aattaacaaa accatcataa ctagcataac 420
 caaagaacac tccccccccc ccatactta 450

<210> 2033
 <211> 410
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2033

agctntaact tgagtcttca agagattata attatgtgac catggcatga atttacttat 60
 caatcatata atctatcttt caatatcttc tttcatctct ttcaacactt tcaatagatc 120
 tttctgatct atttctcttc atctttctaa aagtttttgt tcaaactt tctcttccaa 180
 aaaaagttct ttgttcaaaa acttgtgcta ttcataatct ttattctctt ctccctttgc 240
 caaaagaata gaaggactaa ccgcctgaat tcttttgtgt ctctttctg tcttacaaaa 300

gattcaaagg actaaccgcc tgagaattct ttgtattttt cctttcccct taagcaaaag 360
atgtcaaagg actaaccgcc tgagaattct ttgtcccaac acattggagg 410

<210> 2034
<211> 441
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2034

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cactgaatcc agatttagcc ttccaactct caaagcctca ctctttttcc actcataaca 120
ccacattctc acttttctaac cctaggttaa ctctaccctt catctctagc agttttccat 180
aagcaatttc agcacacaaa catcacaagc atcatcataa aaaccctaaa acagaatggg 240
taagcttgac tcacacaaa catgacaagt ttaacatgct ttcacataat ctcttcacaa 300
ataactatca taaagcataa acctagtaaa actaccatc atatctccca gcccataacc 360
cacgaaaatc atgtgagaaa gaagtctacc caacctgaaa tntcgaagtc ccacacgtag 420
agatgcgctt cacgactccg a 441

<210> 2035
<211> 375
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2035

taatatccaa gcacttttgc tntacttgct tgctttgctc ttttaatttgn tttctatttt 60
cagtttcatg ctccatgtag gtgaattggt ctgttttatt ttctgtggag tttttttcta 120
tttacttggt gcatggtttt tcagttatgt caacacttgc attgcttttc agtttcatgc 180
aaccatggca tgatttacat tgcaaaattg aaggccgtgc tgcatatgat atactcacta 240
attntgagca gcgctggaga aaagccacca aatgggtctga gatgggtcgg aaactcaaga 300
gagtatctaa cttgaacgat gattctttga tcaagataga acacatttct tggattctta 360
gtctttcgaa ttact 375

<210> 2036
 <211> 335
 <212> DNA
 <213> Glycine max

<400> 2036

ttttatatta tctaattggac aggcaatacc ttagcatctc ttactacttt tttatagacc 60
 gtttaccaca ctatccctct tcctttctta agctctcctg gggcttacac agagtaatct 120
 attactcadc gagacatgct actatcaata tctatgtttt tgcacgaccc tcaatatttc 180
 ttagaagcta ataatttatt gactcaacaa attgcaccac atagtacaag ctcaaccgcc 240
 ataggtagat gcgcacacat gcataaccca accatgttgg gccagcaatg aagtgtgtca 300
 cacgatactg tgacacttca cttgtgctat taatc 335

<210> 2037
 <211> 425
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2037

agcttanagt atgcccagagt cattcatccc tatgagatgt tgttgaagta ttggcgatca 60
 gaattgccat tccttggatt ataggggtga accaagctca tgcttttaca aaaagggttca 120
 tcaagtcaag ttgaaatatg gaagtaaccg tcttgcaaaa ttgggggcaaa agatgaattg 180
 agtcacatca ctgcttcgtc tactgccaaa catatttagg attgttgatg tccttgttac 240
 ttccagtttc accttgacaa agatgtcatg gaccatgttg aaaatctaaa ttgattcaac 300
 cccatatctt gcgtaaaaat tcgcaatact tcaactgtac atcattcgca tggcatccat 360
 gctttcatta gttgcattgc tcgctgcatt ctttccttga aaaataaaat aaaatgaact 420
 taatc 425

<210> 2038
 <211> 439
 <212> DNA
 <213> Glycine max

<400> 2038

ttcatctagc caaggttata cagaggtggt acaagagaac ctaacgattc ctaattatat 60

gggccatcaa atctatcatg tgctgacagt aattgattag cccatggatc tcctcgggtgg 120
 tagtacacac ttcggccatg gcttttgctt tggctaacaa acgcgggagg tcttgacttc 180
 cattcaaggt caaggcgaat ctatccatcc acatagtcgc ttcttgatgc agcgcacaa 240
 tcaccctccc tctagcttct ttttcggcat acacttgatgc agaatcctcc actagctttt 300
 gttcatgggc catggactgg ttcaattctt cctgggtattg cctatgatgg ctagcatgct 360
 ttgctccgtg gcttccacgt gttgagccaa actccttttg gaccttgatgc aagcaactaa 420
 ctcttctttt aagatcatg 439

<210> 2039
 <211> 253
 <212> DNA
 <213> Glycine max

<400> 2039

tcacatctcg tattcacgtc atactgatct tagtataaat gtaatcaacc tacacagtat 60
 agatgaggat gtcacgagta atgtttgtaa gagttcagcg agatgatgaa aaccagaaaa 120
 gtctagtac aaatcttggt caactatgat cagacaatgg ttcatctggt atacaagcat 180
 attatatcta gaccattttg tggtgggata tacagtctac tgaactcaac atgagacctc 240
 tagtttaaga ccg 253

<210> 2040
 <211> 363
 <212> DNA
 <213> Glycine max

<400> 2040

ctctaacagc tttgaaccat atacttggcc tttatttaac tggctctggg cttggcgggc 60
 accctcaaca aaggactttc gacacctatt ggacgttgat ttgacccatg gtgggtatggg 120
 aatgggtgca ccatcccttc aaaccttatt gataattct gaaagggttg gtggcatgtg 180
 gccatatga cgtccttctc tatcataagc catcgtccat ttttcctttg aaatgccatc 240
 aattcattgt gctatggctg gactcaattc acgaaatctt tctaaatctt gatcaaaatg 300
 ttcttgacag agtgaggctg ctaaaatagt tatgaataac aatttagtat atatgaagta 360
 aat 363

<210> 2041
 <211> 449
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2041

ttatgtgana ggatgggact cttcacactt tgaattgaat ttcaatgttc aaaggcactt 60
 gtaatcgatt accaaaacat tgtaatcgat tacaactttt tgaaattaat tggaacgttg 120
 taaattcaat ttgaaaactt tttcaaaaca atttagctac tggtaatcga ttacagcaat 180
 ctggtaatcg attaccagag agtaaaaact ctttggttaa catgttttga gaaaaaaatt 240
 tcatacttat cttgattaag tcttctcttg attcttgaga tcttaaacct tgattcttga 300
 ttcttgactc taaactttct tcttgtgtct tgaattcttc ttgattctta tcttgaactc 360
 ttgaattggt cttgattcac ttgagttgtg ctttgattga tctttgattc acttgagttg 420
 ttatttgatt gatctttgag ctttttgtc 449

<210> 2042
 <211> 445
 <212> DNA
 <213> Glycine max

<400> 2042

gcttaataat cctgagctgg agtgagccat gtgatcccag tcctctgtgc cgtagtgcgc 60
 gctactacat aatcatcgtc aatatctggc tttgctgcgc ctgaaactcc ttcctcagca 120
 gcctccactg gtgtgtcctg agcctctgcc tctgcctttg gggatcctt agcctcccca 180
 acctctggag tgtcttcagc ggcctgtgtt tgtggctcct gggccacaag agcctcacc 240
 ccccaaaagg aaggctggac tccagaccaa gctacctgtg ccaagaagtc ctccatgctc 300
 atgatcagcc gctgctgaga taaattctgc atactctgca tgaccaggaa aaggctcgtg 360
 tgaatggctt gtagcatggg cagcataaca gcaactgctat gtacgaaggg gccgggttga 420
 gctgaaatag gtgtgggagg tggag 445

<210> 2043
 <211> 451
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2043

```
ntcccataga ccatctaaaa tggatgatatt ccaatgggag tcttgaaggt agtcctgtaa   60
gcccataggg catcatccaa cttcacaacc aatccttcct tgaggatgca acaatattct   120
ccagaatttt cttcaattct ttgttgata cctcggcctg gccatttttc tgaggatgat   180
aaggtgaaac taccttacgt ttgacattat aatgcccatt accttctaca actatctatt   240
gcagaaatgt gaaccctatc actgattatc actctggaga ccccgaagcg ggagaaaatg   300
tttctcttca ggaatttgat gacaatcttg gcatcattct ttgaggcaac cacaacttcc   360
accacttggg acacttaatc aacaaccacc aagatgtact cattcccata agaggatggt   420
agagggccca caaataaat accccaacag t                                     451
```

<210> 2044
 <211> 370
 <212> DNA
 <213> Glycine max

<400> 2044

```
tcacaactat ctatgggaga actaacttca tatattctaa ttataacatt ctacaaccat   60
ttctcttttt ctttctctcc cagatattct aaatgaataa ccaaataaag gaaatcagat   120
gccgttactg gacaagtaca ctgtaaatac acatgcagac acatttaaaa aatgcaacaa   180
attttggtta tatagcaagc aacaaataaa cattgtatta ttgtatcaca catctgttaa   240
tatgtatcat aattctgccg tgggtccaca tacagaaata taaccatgta gctgtatttc   300
aacagtataa acataaaaagt ttcttcccca tttgtctttc actctctttt taaaacaagc   360
agaacctata                                     370
```

<210> 2045
 <211> 452
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2045

```
tgatgaggtg atattgataa agcanaccga ggggtttgaa gctagaggta aagaggatta   60
tgtttgcaaa ttaaacaat ccttgatagg tttgaaacaa tcctctaggc aatggaataa   120
```

gagatttgggt gaatttatgg ctcatataaa gtttcataga agtcaccatg atagctgtgt 180
 ttacttcaaa ttttcttcta aagctgagtt tgtgatattg ctactatgtg ttgatgatat 240
 cttgatagca agtaataaca agagtgaagt tgaaaaattg aaatgtagga tttgggaaca 300
 actaggagga tattgggaat agaaatcaaa caggacagaa aaaggaaatt gttatatttg 360
 tcttaagagt tatatatcag aaaagttctt gaaaggtttg gaatgtcaaa ttccaaacct 420
 gtaactactc ctatgtctta gcagtttaag ct 452

<210> 2046
 <211> 367
 <212> DNA
 <213> Glycine max

<400> 2046

agcttacttt taaataatag aagtagaata ttataaataa caaatatcta aattatgaaa 60
 tatataaatt cacgtaagct tttccttgag taaagtaagt tatgcagcct taggtacaac 120
 tgtatataag aacaaagtag ataaatgaat atacatataa ataaaaggac taaagcctaa 180
 gccaaaccag accaaataca tataatagga aatgccctag acataaagta atcatctcta 240
 acaccaact cagtgtgaaa attacgcaaa aacataagtc aataggtggt cgcccataac 300
 agagatacct aaggggagtaa tccatgcctt tggtcacgtc gggatatccat cacctccaag 360
 tgcactc 367

<210> 2047
 <211> 459
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2047

actcagctta tcatagttgg tagttacatg aataattaag aaattatata cattnttcgc 60
 gttaattaag tgttctattt ggggctctag cccctcgta acaccaaaaa aagtgttctt 120
 tcatgaaatc ctattataaa attaacctgc ttcttttttt tttttttctt ctttgctgcc 180
 tcaactgttt ttgctcggtc ttttaccaaa aaaaaaaaaa ggaaacttct ttaatttttt 240
 tttctgctta caattagtca atcattactg tgatgagtta aaaataaaaag aaaaatcgca 300

tcgcgtgcta tattttaaga tcaacgaaac gtgaaataag ttatatattat gttttaaggt 360
 tggaaaaaaa tgaataagca taaatgatac ttacacatca ctgaaacata aatggagtaa 420
 tatttagata gaagtatttt acatatgtga aacgtgaat 459

<210> 2048
 <211> 356
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2048

aatggagaga aagagagata ggggagcacg aaattgaagg aagaaaaagg gagagaagtt 60
 gaactttgag ttgtgtctca caagactctc attcatcaaa ggtacaacaa gtgttacaca 120
 tgcttntatt tatagacttg ggagcttcct tgagaagctt tcttaagaaa aattccttga 180
 gaagcttctt tgagaaaact ttcttgagaa gctagagctt agctacacac accccactca 240
 taactaagct cacctccttg agaagctctc ttaagaagat tcctaaagat gctagagctt 300
 agctacacac acctctctat agctaagctc acctccttga gatgagaagc tagagc 356

<210> 2049
 <211> 450
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2049

tatgctgcan atatttacia tagacctcct caacctcagc agcaaaatca accacagcag 60
 agcaattatg acctctccag caacagatac aatcctggat ggaggaatca ccctaacctc 120
 agatgggtcca gccctcagca acaacaacag cagcctgctc cttccttcca aaatgctgct 180
 ggccaagca gaccatacat tctccacca atccagcaac agcaacaacc ccagaaacag 240
 ccaacagttg aggccctcc acaaccttcc ctggaagaac ttgtgaggca aatgactatg 300
 cagaacatgc agtttcagca agagaccaga gctccattc agagcttaac caatcagatg 360
 ggacaattgg ctaccaatt gaatcaacaa cagtcccaga attctgacaa gctgccttct 420
 caagctgtcc aaaatcccaa aaatgtcagt 450

<210> 2050

<211> 304
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2050

ctctggggat ctctctctaa tataaccaac agtgcaaagt gtatcaattt tcagaatttt 60
 ttttggttct tgtagctagc tgctactatt ggtaattaat aaatgaaaat gaaaacgaaa 120
 gtgattacac cagcatttgg gtgataatgg tgcccaccgt cgcgatccta atcacatttc 180
 tcgtttgccca ttactggtct tattatatat atgattggat atccttcttt tctttatttc 240
 ttgatcattn ttaatccagc tttttggagt gtatgctact ctngttggca taacatgggc 300
 tcga 304

<210> 2051
 <211> 451
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2051

tcttctattt atagccttca actntaagta tttgttgccc ctgagcggat ggttcttcac 60
 tatattcttc attaaagtct tgaagctctt ggagcattta atgcatgtct cttcttcatg 120
 caaagtctat gctaatagct aggttgacat gtcttatact tcaacaagaa agtcacttct 180
 tccatcagag caggtatgca ccagcaaagt gcgtctttcg atgaagatca acactttcaa 240
 actatggact ttatttatta ttcataggat ttaatagatt ctaggagaat gttttccgca 300
 acaaagaatc tcatacataa aatattaaat gtaggtatta attaaatgca ctacttaatg 360
 ttatgacaag atcatcttat attgatgtaa catcagaaaa ctcanacca gaaatacaaa 420
 ccataatctg ataacacatc anacacaatt t 451

<210> 2052
 <211> 372
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2052

gcgttctata attattaaga agactatgct actatacaag tgtttaggca tcttgaatt 60

aaatcatgta agttgcctga agcaactttc tgagcaaaga tttataggct tcatttaatc 120
 atgacacaga ataagctggc caagaaagaa ttgcattctt agcagcttca accagtaggt 180
 ttcgggtttt ttgttttttt ttttggtttg gccaaacata ctttgtttga aataaaatag 240
 aataacanat ttataaattt gccgaaagat ttctgacttg gttgttgtgt tacaagttaa 300
 tcgacaccta caggaatcaa ttccatgggt ttaatcanna ccagtgtac tacgaaaact 360
 tcagtaactg at 372

<210> 2053
 <211> 411
 <212> DNA
 <213> Glycine max

<400> 2053

gttgcttcgt ttattctggt agcgtttcca agcgtttgag ataagaagag attgtagcct 60
 ccattgtact gtcaacgtgc gaggtgatt tctctctaca ggaacattat ttcgcaaact 120
 tcaatggtga gactatgctg aaatgacata caaagggtgt ctccaaatgt cgtgatgatc 180
 caacaattaa tgagttgggg atcatagttt tactcggaca tgtttgggtg tatgcgggaa 240
 aagagaaagc tcagtgtgag ggacatttct ttcaccagag acattatctc aaaactccca 300
 acggtgtgtg tgtgcgaaaa taatgtttga aactcgtgtt caaatttcac gacaatccaa 360
 cggttaacaa gtatgagatc attcgtctat tgagataggt ttgagtgtat a 411

<210> 2054
 <211> 459
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2054

atgagccttt gtagaccggg naccttaagt cacctgagca tgcagctata cactgtattc 60
 catccancga tcttgaaga gaaaaccaac caccacaagg ggttgaactt ggcgaggagac 120
 ttngttggct aattggtaaa cacaacaca catttggcct aaaaaaatat tgccataatg 180
 tggggtaatg ccaattggag gtcccaacat tgggtgggtaa ataaacactc ttcaaaaaca 240
 acaattattc cttcctccca aagaaatgag aatcatcaag aggcaactgtt gaaaaaact 300

actaaatact ataaataagt tataatattat aattttcatt ctataaaaaa tattgtgtca 360
tcttatattc ttggaagttg gatttttagat tttgaccttt gaatatttat ttattttaat 420
cctataaatt aagaattctg atttagtgat gaaactaaa 459

<210> 2055
<211> 418
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2055

agctnggcat ggtttttaat agctntanaa gcgttacttt tagaagatat gaataaagtc 60
caggatatatc tagagtagtc atctacaata accgaagcat aataatttcc tctaatactt 120
atgggtctag aagaaccaa aagatcttaa cgtaaaagtt caagcactct cgaggtagaa 180
actgcatttt tagatttgaa agatactcta tttgttttcc cttttgacat gcattacata 240
atccatcctt ttgaaatttt agctttggga gacctttaac taattcctta tagactagct 300
tatttagttg atccatgagg atatgagtta ttctcctatg ccaaagccaa gagagatcat 360
cattacttct taaacaagcc atgtngaagt gagatgcact ttctacatta agcatata 418

<210> 2056
<211> 451
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2056

nggattgatt tagcctaact agggatcgag gtttagttat ttatgcaaca acatagaaca 60
caaagcataa ttgattagag aaacatcttt atatacatca acttgtttgt tagaaagacc 120
caacactttt acctactgct tgcattttac tgttttttagc ctagacttag tttaattttg 180
ttctaaacca tcaattatca atgtttcttt caacaatgcc ttatttttga atttaaccct 240
gtttaatact agttccctga gttcgatact tggattcatt cgttttaatt ttaaatactt 300
gacgatccgg tgtgctttcc gggaatcgg atttcccttg aacatatttg tataaagatt 360
ggaccaaaaa gtaactacag gggaaatcca acaaccatct agctcattct ctgcttctga 420
tgaggaacat aatgacaaat cattcaacaa c 451

<210> 2057
 <211> 403
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2057

actcaaagtt tttaaaagac atgttgacaa ggaagcacia gtacattcac caggaaaata 60
 tatntgtgga gggtaattgc agtgctatga ttcanaaaat tcttccacca aagcaciaag 120
 actctgggag tttgaccatt ccttgctgaa taagtgaagg tacagtggga aaagttctca 180
 ttgacttggg agccagtatc aatctgatgc cactctccat gtgcagaaga ctgggagaag 240
 tgaaaatcat gccactaga atgactttac agttgggtga ccactccatt accagaccat 300
 atggagtaat tgaagatggg ttgtcagagt aaaacatttt attcttccag cagacttttg 360
 tgtaatggat acctatgaag atatgacatt ccctaattctt gag 403

<210> 2058
 <211> 233
 <212> DNA
 <213> Glycine max

<400> 2058

tagaaaggaa gcttcaatgg tggaagtga tgagagagag agagaggagg gcgtgggaat 60
 tgaaggagat tatggagata agttgaactt tgaagtgtgt ctcataaatt tctcattcat 120
 caaatttatg acaagtgtta cacatgtttt tatttaaagc ctagcacatg ggaagctccc 180
 ttgggaagca agaaaggtag cttccttgga aagctagagg ggggctactc aca 233

<210> 2059
 <211> 364
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2059

ctcttggttc ttgattcaca actcttggtt ttttgcaactt ggttggcatt gttctttaat 60
 ccttgatgtc cgatttatag gtagataaaa gtcgtaatt atggagagta tcttcaagat 120
 tgaataatat ggtcaatgtg tagattgatc ttatttcctt gaataagtgg atcctacatg 180

tttttgtctg atatgattag aactttccat anttgcatt cataactcaa tatgaccatt 240
agacttataa aaggaaatat aagatttatt cgcagatatg ctctttttaa acaaaatcat 300
atanactgat aaatcaaata aaatgcatat tcaaaatggt gtttggatgg actggacgag 360
tact 364

<210> 2060
<211> 401
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2060

ntgtatccta gggaggggat togagctaaa tgctgatggt cagcccttan agatattaag 60
gaagaacatg accacttttag ctaagacatg gagtgttctt tccttctcta atttgattcc 120
tacctccac acatctgatg tcacattgga tagagccaag taaatctatg gcattattat 180
gaagatggat atgaatgtgg ggtaccta atctttctaa caacatagca 240
tgattcatcc agagttggat tccctgcctt gatcatagct ctatgcaagg ccagaggagt 300
ccaatcatat tctagatccc tggagagcct gagccctgcc attaacttgg catatattaa 360
gaagaactgt tggaatctag atgatccaac agtgacattt a 401

<210> 2061
<211> 331
<212> DNA
<213> Glycine max
<400> 2061

gagaatactc gccagtgcct agacgctgaa tgtcaaaatg tgacctgga tgtcttccag 60
agggtatctt tggagaaata tttccctgag gatgttagga ataagaaaga gatggagttc 120
ttggagctca aggagggaaa catgattgtg gctgaatacg cagccatggt cgagaaagtg 180
gtgagggtact ttccccatta tcaaggtaga gatggcgaaa gttccaaatg tgtgaaagt 240
ctgaacagtt cgtgacttga agtgaagcaa gcagtgaatt accaagggtg tcgtcagtat 300
ccactcttgg ttaacatgtg tccgatttgg g 331

<210> 2062
<211> 441

<212> DNA
<213> Glycine max

<400> 2062

atataagcgc ggctctggga gacaaaggtc aagcgttcgt gatatgctag gatgatattc 60
cgagcacttt ggatttggtg cgaccatgcc ctctgattt ccagctggga aattggcgag 120
tgaggaacg ctccgacatt tacgcgacga gcataatgta aacctttacg gttttaaaag 180
ctctatagtt gggcctacgc tttagagctt ttccttttgt taaggctatg agtcttttgt 240
ttttgaatct ataatacaag gatctctctt catctgatcc tggactctac ccattctcat 300
tcatttgcag gtttacttgt ttatctgaaa cggcagatac gatgacgagt ccccggaagg 360
tactaatacc tgggacccgc ctatcgactt cgagcaagag atgaatcaaa cggaagatga 420
aggaaatgag gatgtaggac t 441

<210> 2063
<211> 311
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2063

cttgtcttta aatctttctg actttgtaac cgncattgca tgtcttatgc ttgcttcgaa 60
aaaccttata gaaagagact ttgcgaatgt tatcctttca tgaaatgcgt gttattttcg 120
taacctacac tgaaccttgg acacattggc gtggctggaa tttccaaatg atgttccttt 180
ggaaaacctg aaatgtccc atctctttca tgaagagatg tgggtgtttg acccacagca 240
ctgttactag ctttgttttg tgaaatccat actaagtctc cttcattttg gcatggtaga 300
ggcttgctg g 311

<210> 2064
<211> 462
<212> DNA
<213> Glycine max

<400> 2064

actaagcttc ttatccaggc acattcttgg tggtgaaact cttctctcca tggcttattc 60
ccttgtggat ggagcctccc ctctctctt ctctttgcc ttcgctgca tctccatggt 120

ggaaaatcac cattgaagct caaagatcca gcctccatag aagcttcaca tgcaagcttc 180
catcagagtt agtgcaactc gatgtcaaaa caacctttct ccatggaaga ttggaggaag 240
acattttgat gcaacaacct gaaggttttg aaatggaagg gaagaaaaat tatgtatgta 300
ggttgaaaag gtttatatat gggttgaaac aatctccaag gaagtggtag cagagattcg 360
atgagttcat tattactcat gggtaacaac gaagtgccta tgattcatgt atctattata 420
gtaaggtggg ggatggtttt cgcactagg tgctactcta tg 462

<210> 2065
<211> 359
<212> DNA
<213> Glycine max

<400> 2065
ctcatctctt ctttggttga gctttgtgca aatggagaaa aaagaacttc aatttggttt 60
ttaaagagac atgatgatga gggttaaagg ttaaggtagc aagcttaatt gaccacctga 120
atgacttata accagcccat gggtaacgtg ccagccatg caattttagt gcattatgcc 180
ttttgaaaat ttaagccaaa atggctaaag taggtttaaa ccaaaaaatg gaaatttctg 240
cttttgctaa aactagtaaa ccctatccta atcccctaga tggacgtgtt accctttctt 300
ggattaagcg taatcaaagt ggacgttgca caaagttcac tctcacagaa actaaatac 359

<210> 2066
<211> 448
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2066
tccttgagaa gctagagctt atctacacac acccatctaa taactaagct cacctccttg 60
agaagctttc ttgagaagct agagcttagc tacacacccc tataatagct aagctcaccc 120
ccatgacaaa gaaacatgat aatacaaaaa aaatcctact acaaagacta ctcaaaatgc 180
cctgaaatac aaggctaaaa ccctatacta ctagaatggc caaaatacaa ggcccaaaat 240
aagaaaacaa cctattctac tatttataaa gaagagtggg cccaaccttg gcccatgggc 300
tcaaaaatct accctaaggt ttatgagaac cctaaggcct tctttatcaa ctctagccca 360
atcctcttgg agcctcttgc tcatggctct ggtaactggc cctttcctag ggaggattgc 420

atcactntat aacagaacgt cccccaca

448

<210> 2067

<211> 441

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2067

gtcgtttcac ccaaatcgtg tcttcaagtt caccanagcc aatactgttg acaaccttgt 60

gaaacctgtg cacctaggat acaaaggcaa cttgaaatca ttttctagtt tgtcataaaa 120

aagggcatgt gctcgactaa atccctcttg gcctagatcg tgaatcattt cttctataca 180

atttcccatg tctacatcca cagtctgagt gtcagcaact gatggtggct gttctggaaa 240

ttcccatg catatccatt tagtgtaagt ttaaatgac ccgtgacata taagatgtga 300

tcttatctca cttataggct gatgtctccc atttgacat ttgacacacg gacagaaata 360

ttttcccatg acagatgaaa cattgagttc agtaaaatgg gaggaattgt tcaantcca 420

ttctcatact cctcactaat g 441

<210> 2068

<211> 457

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2068

tctgggggac atcttgactt gctttccaat ctgacattct ccacagattc tgccttcttc 60

tattntcaga ttgggaatgc ctctaacagc acctttgtca atgattttct tcatgcctct 120

taagtgcaga tgtccaaatc tttgatgcca tattctgact tcatcttctt tggaggatag 180

acatgtggag gagtaactgg tttcttgagg tgtccatagg taacagttgt cttttgatct 240

gctgcocttc attagaactt cactcttctc atttgcacc aagcattctg actttgtgaa 300

gtttacattg aatccttcat cacacagctg actgatgctg atcaagtttg cagtcagtcc 360

cttcaccagc agtactttgt ccagactagg aagtccatca tggactagct ttcccatgcc 420

agtgatcttt ctttagagc catctccaaa tgtcaca 457

<210> 2069
 <211> 542
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2069

ctctactcta cattcacnta cttctatcta atgtatcgtc tattnntnac ttaatcccct 60
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 acgacctgan gcatgcaagc ttctcaggaa gtgtcctaata attatagggn cgcggaacta 180
 aactctaact tctcaaagaa gattttctcaa aaaaacctct caaggaagct acctaatacta 240
 taataaaaaca gtgaacactt gtgaactttg agaagaaatc tggaacacac tcaaggtaac 300
 ttctctccct ttttcttctt tcaatttccg gctccccctc tctctttctc tccctctttc 360
 ttttctctca ttgaaacatc ctcttcaage ttcttatcca aggctcatct tgggtggtgaa 420
 gctccttctt ccatgactta ttctttaatc gatggcgctt ctttcacctt tttcctttgt 480
 cttcgctgca ttccatggtg gaaatcccat aaaggaccca ttgagctaaa aaccagctca 540
 tg 542

<210> 2070
 <211> 451
 <212> DNA
 <213> Glycine max

<400> 2070

taccctcaag aacagtacgt tgtagggcac gtcaaacactc ataagggcac gatgacccta 60
 gggtgcggtg gtgcgaacaa cacatgatgc ggaggtagcg gaggcgctga caatgtatgc 120
 ttctttttgc ggagctcacg gtggtgcaag ggagattgag ggcaatagga gacatcggct 180
 aatagcaciaa ttttcaaaca gtgatttcga ggtacgcgtg ttcaattaac gcacaaaagg 240
 gaggatatat gaaagcatgt taacgacggt gtagtgttaa acccgtcttt gatactcaat 300
 atttctacga tgggtgtttac aaatacacgc tctttaataa gctccggcct aacctacaaa 360
 gacagtgtta gcacaaaacg tcgttgtaga catcatgtgt cgtgcacatg cccagtaaaa 420
 atgtcatata ttacgtaaa tgccactgat c 451

<210> 2071

<211> 302
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2071

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 gacgtcaggt ggggtgctat tgcccacaaa caagcttgac caatcccgac ccaacccggg 120
 catagtcagt cagtgagaac ctgtgatgta cctaagcagg cgagctcctg acagtcaata 180
 gataaaaaga actaagacca caaagcaagg aggcttgtgt ggtggctggc caactgtgaa 240
 ctttgattga tatatgggat atggcctctg gtaatcgatt accaagggtg ggtaatcgat 300
 ta 302

<210> 2072
 <211> 466
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2072

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 ttaaacattt tataacaacc ttctgaaatt tgaatttaaa ttttaaagac ctgtaatcga 120
 ttacaacttg tgtgtaatcg attaccagac atgaaaattc aaatttcaaa tctaaagagt 180
 tacaactctt cagaatctaa ctgtgtaatc aattacaata gttatgtaat cgattaccag 240
 taaggaattt ttgaaaataa ctcccaagag tcacaattat tcaaaacggt ntttggatgg 300
 tcatcaaagg cctataaata ggtgacttgn ggtacaaaat tccttagatt tttcctgaac 360
 aaattttctt atcctctcaa taccaaattg tcttataagt ctaaaaaag aattctttgg 420
 ccaaaacact tgcaaattca gtaaggaatc ttgagtgatg ttcaat 466

<210> 2073
 <211> 402
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2073

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tgggttggtg ggttggccgt ataagaatgg taatcacaag atgggtttct tcctttttct 120
 tacccttttc atttggccca gtctttctcaa tcggcctagg aggatgatca aatttgccctc 180
 ttttcggacc cacatcgatc ctttctactgg cgaagaccaa atccggaaag cnttgagggt 240
 gtgcagccca ccatcttttc atagtagagt atcgataatg tgtctaccat cacgattatc 300
 gtctcccttc catcattgng gatacacctt gngccgcaga tcccttcacc ttttgggcgt 360
 gttctttgaa agatccgncc cctttttgca catgttttga tg 402

<210> 2074
 <211> 443
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 2074

tcctcttatg agtgcatagc tctttcanaa atttagcata tcttggaatt tgctttattg 60
 catccagtag aggtatgttt acctctactc ttctaaatgt ttccaagatc tccttctccg 120
 cctcttccat tttcttggtg gaaattgctc ttggtgggaa tggaagaggg atatgctact 180
 actgtaagtc agaattacca gtagaagatt cacctgcata gaaattgtta ggcaacttac 240
 tcttttaaatt tttgtcatca tctttttctg gagttgagtg acgttgggca ggttcatttg 300
 cagatgagga agatgctact agttgaggtc cttgatactg ttttcccaac ctcaatgtaa 360
 ttgcactcac attcttgga ttctgtacag attgagaagg taatctgtca gaattctggg 420
 actggttttg atttaactat gta 443

<210> 2075
 <211> 596
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 2075

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 tcttgaccog tgatctctta gtgcactgca gcatgaagct tggcttcatn cattctataa 180
 gcttatttga accatttaca tgaatattgg tcatcatata tcataaggaa tattacttat 240

gagttaacta acaaagagat tgtgtaattc acatttactt aacatcatca cgcaacttgt 300
 agtatagata tgtttcaaca ctttgtcacc tgatattatt tcagctacat ctgcatgtat 360
 aatgaaaaac gatgcttgta cattangaat acccaatttt gtctcattcc acgacaactc 420
 aacaagcttt agtaaaccatc aaacacgttc ttaatcaatt ctcccaatgg atcaactcta 480
 agtactatat ttgacctttc aaaagctcca ctcggtcttg gcacacaata tgtgaattct 540
 atttgggtaa tcgacaataa caattaggct atatttatga tacaatttta acactn 596

<210> 2076
 <211> 472
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2076

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 aattttgtga cttttgaaaa aatcttcaga aacaagtcac ttgaagaatt gtgacttttg 120
 gaaatgtatt tttcgaaatc agtcactggc aatcaattac cattaagggtg taatcgatta 180
 cacatcaaca gatgtgactt ttcattntga attttgaaaa ttaaaacggt tagaagctct 240
 ggtaatcgat tacaagtgtt gcgtaattga ttacacaagt ttaaaatgat ttaaaactgt 300
 taaacacaag ttgtaactct tgaaatttga aatcttaacg ttttaaaaca ctggtaattg 360
 attactacct tctgctaata gattaccaga gtgtaaaact ctttggtaat gatnttgtga 420
 aaactntntg tgctactcaa tattntgaaa aacttttcta gtacttatgt tg 472

<210> 2077
 <211> 437
 <212> DNA
 <213> Glycine max

<400> 2077

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 aaaatgcacc catatacaat caaggtagct tcattaccta gattatttac atgtacttgc 120
 aagggtgtatt tgttatttac atcacacacg cctccttggc tgaatttaca tacatgcata 180
 ctcaaagcat tttggggtac caaaaactgc acatgcgctc atcttggtat ttctaatacc 240

cctacatata caaacttcac gatgaatctt gactacctac acaataaggt gctacatttc 300
 atgctttttt tcaagttttt gctacctaaa gccacatgca aattcaagca tatatttctt 360
 tgctgactaa aaactgattc aaaatagaac ggattatatt ttttgtaata tgttttcctc 420
 acataacatg caacata 437

<210> 2078
 <211> 428
 <212> DNA
 <213> Glycine max

<400> 2078

ggatcaatac aattatctaa tcattccaat ccactcttat atacaattgc tcattcaaatt 60
 cattctcaaa cactcatttc ataccaaaca atccactgca tatcatttcc aatcaattca 120
 ctgttcaaac acacttttgg tacaagcaaa taactcaaag tgctgaaatt taaataactg 180
 aaatttaaag aactgaaaat gttcatgctt tgcagaaatt aaactaaaca caatttaaac 240
 atgctgctca tcctgtggct gatcttcatt aagatccagt gttggcactg ctgatgaatc 300
 ctggataggc tgctctggct ccgtgactgg tgtagctggc tgggtctcct cgggaacagg 360
 tgcaagagat ggcttaggta tctaattctat ggaagcccc tcctcttgat ccatgtgtgc 420
 atatgcat 428

<210> 2079
 <211> 423
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2079

ctgcagcttg ttctttgata attgtgcata acgtctgtga attatttatt atgaaattgg 60
 tgagtgggtgg tacatcttga ctcgagtgtg tgattcatgt gtaatgtgat tggtgattga 120
 aaaatgatat ttaaatagata tagtagtgag gtgacatgga ttgtattaag tcgagctatg 180
 ttataaatat tactataacg catttttctt atatctttgc ttatctataa tttatttaag 240
 aatttgataa cttactccct atgtattgtt tgtgtttgga ttctatgatg atcttgaacc 300
 ttgtatttgt gggagaagat gattangtgg atgacttcta agaactcttg gctagaggac 360
 gctgagacac tatgctctaa taggatgtga cattggggca ttgggttttg ttttaatcgc 420

atg

423

<210> 2080
<211> 443
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2080

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tacattcatc aggaaaacat cagagtggaa ggaaattgca gtgctgtgat ccagaagatc 120
cttccacca agcataaaga tcctaggagt gtaacgattc cttgttcaat tggagaagtc 180
aatgtgggaa aagctcttat tgacctgcga gccagtatca atttgatgcc attctccatg 240
tgcggaagat tgggagagtt ggaaataatg cccactcgaa tgactntaca attagctgac 300
cgctccatta ccaggccata tagagtaatt gaagatgttn tggtcagagt aaaacatttt 360
aacttcccgg cagactttgt ggtaatggat atctctgaag atactgacac ccctgtatta 420
ttgggaaggc tattcatgtt gac 443

<210> 2081
<211> 424
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2081

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acgaagaacg gatgaagaac ggtgaagaac ggacgaaaac cttcacggac ttgcttacgg 120
aaacatctcg gaagcgttac ggaagcacct cggcttggat tttcttcacg gaaacaattt 180
ttttcaccca aaacagctga aatacatagc caggggcctg aggcacacct agaacagccc 240
ccttcagcct ataaaagcaa tctagcttca aaaaaacatt ctggaaggcc caatccaaaa 300
tttcgaaatt gctatttgca ccccccaat ttgataagt tcacccctt ctttcgtaat 360
ttacgggaaa gttacggaag ccttacggaa gcatatagga cttgatttta ttctnttttt 420
ctct 424

<210> 2082
 <211> 361
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2082

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 acctggagat atgtcgcggn ggtcacgaga ccttggggac gtcaggtggg gtgctattgc 120
 ccaaaaccaa gcttgaccaa tcccgaacca acccgggcat agtcggtcag tgagaacctg 180
 tgatgtacct aagcaggcga gctcctggca gtcaacagat aaaaggaaaa caagaccaca 240
 aagcacggag gcttgtgggtg gctggccagc tgtgaatttt gtgtaatatg tggattgtgg 300
 tctctggtaa tcgattacca aagggtgagta atcgattaca aggccttaaaa tngaagacag 360
 g 361

<210> 2083
 <211> 493
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2083

nttgaaacat gagtaccgnc atctntagac cgacctgagg catgcaggct gaccaaacc 60
 ggtgagagtg tgactttaac tattagtga cgactaactg tgaagaataa tctttggctt 120
 catctctgga ttttaaatg gagtgggtta atgaggacat gatgaagggc atgattatgc 180
 ctacaccagc ctttttgaca aaaaagttac cttgaattat aattggattc tttgcaccct 240
 tttatgagct ttcaaatgg aacctgaac ttacatgatt atctccagaa accttgctta 300
 gattctagga gagcatatgg ttcaaggcaa atttaccxaa aatttggggg agtggagtta 360
 attgggatgt aaagaaaaag ggtaaagcat catcacacac acaatannat aaatgggtgtg 420
 ttaaaaaaaaa caatgaaagg gaaggtgggc tgatataata aggggtcaaag caaatgaaag 480
 tgaaaagcta gtg 493

<210> 2084
 <211> 365
 <212> DNA
 <213> Glycine max

<400> 2084

ttcgcacatc gttcgcgtgt atcatatcca ctccacaatg tttgaagttg atgagacctt 60
caatcctatt acgcaacgtg gcggacaaaa gtgggcattt aacttgaatg gtcattattg 120
tcaatgcgga aggtattctg cgcttcacta tccatgttta cacattattg cagctcgtgg 180
ttatgtgagc atgaactact accaatatat acatgttcgc tacacaaatg aacacatttt 240
ttaagctttc tatcgcacaa tgagggctct cttaggaatg aagccgctat tactcctcct 300
aatgacgcat ggacacttat ccctgactca actataattc ttgcgaaagg tgtgccaaat 360
caaca 365

<210> 2085

<211> 450

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2085

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atacattgct tgcttgaatc ttgatttcag gacttatatt gtcatcatca aaaaggggga 120
gattgtagaa gcaaatgcct ttgggtgttt gatgatgatc atgatgagtt gatgcaaatg 180
atgcaaatgg gcttttcaag tttaaattca agacaatgat tcaagaatgc aagccacaac 240
atcaagatga tcactattat tttaggaagg gaattcctaa ttgatatagc aaaaggtttg 300
gccaaagtaat ttaagttaaa aaagtgtttt ttcaaaagat ttactctctg gtaatcgact 360
accagaggat gtaatcgatt accagtggcc aaaaacgctt tacaacagct actaaatatt 420
tgaattcaaa ctttagactg tgtaatcgat 450

<210> 2086

<211> 180

<212> DNA

<213> Glycine max

<400> 2086

aatgaagtga aatccaacat ctatatgctt ggttctatca tgatgaacct gatccctggc 60
catgtatata aactaaggc tatcacagta gatattaaca tactcttgat taataccgag 120

atcattttatc agacctctta gccaaattcc ttcctttggc agcttcagta agagtcatat 180

<210> 2087
<211> 455
<212> DNA
<213> Glycine max

<400> 2087

ggatccatca tacaattgtt aattgtatca ggtatttaat gcctacaaaa atggtgagtt 60
gcaatgaagt tgtaattgca agttgagaga cagactaagt aacagcgagt tagtgatata 120
caaatgctaa tatatcaatt atgggtcaata attcgtcttt agtcctttta aagtgaaaat 180
actataatat agtagatgta tcttggtgtc ccttaaattt atacaaatca aacaaatcct 240
aattgtctta ttcttactgg tttctaaact ttatttaggt ttgtgggtgc attcagagag 300
gaattctata agttgtagtt gccgactttg ggtgacatca aggaaagggt aagatttaag 360
ctaggattgc ctattttgag cattatttaa cttttttatg cactttaagt atattccttg 420
tttaattcca ctttaagttg gcaccaagta aactg 455

<210> 2088
<211> 343
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2088

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actaaaagaa attttttgat tattatatta atattttacc tctttttggt ttccaacgtg 120
gttaccgcat gaccgaacga ttggatttca ttttaacaga aattaacgga tattacaatt 180
caaatgatca gtggaagttt attttatttt ttgattangc gagaaaacgg cttaaacgat 240
cagttaaagc ttcgtcaaaa cggaagaaaa gaaatcaaaa ttgaacgaaa taaaaatgaa 300
agcccagaaa caataaataa attaaaagtc tcagatttgg aac 343

<210> 2089
<211> 436
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 2089

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tcgattacat ccttttaaaa tcaaattcga aatttgtaaa actgtttcag aaatcaatTT 120
ggtcactggT aatcgattac atcctctggT aatcaatcag agagaaaata tcatatTTTT 180
gaaatctcaa aaagctTTTT taaaatatcc tttagccaaa tctgtgcaac atcaattaag 240
gaatctttct aagatcctag gaactaagta cattgttctt cttgaattta tggattcttg 300
acttgaatcg cactcatctt tagcatcatt gaaacttcac atcatatatg cttctacaat 360
ctcccccttt ntgatgatga caataatcta aaatcaagat aaacgatata caatttgata 420
atgctgtgctc acaacc 436

<210> 2090

<211> 422

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2090

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ttagcgtaat tatggaccgc ttanacaca ttaatgaatt teggcttagc gcgtgccttt 120
gtcgcttagc ggatgaacta aagcaatgcg cttagtgaga tgaagcagtg cacttagcga 180
acctgtacaa ctcatcttct tccagagtct tectcgcgct tagcccatga gtgttgcgct 240
tagcgaaagc tactaagcc agcagattgg ctaagcaaga aggtgaaaaa caacactttt 300
caaagcttgc ctaattaacc tgaaagtggg agaaaataat tattaacac acaaaatgga 360
agtactaagt atttattacc tatacttaac agaanatact tataacacta caaaataacc 420
at 422

<210> 2091

<211> 469

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2091

tactcagctt tgcaagctgg aatcatttat cctatcttcg acagccaatg tgtgagtccc 60

gtctaggtat tcccgaagaa aatctgcctc accgtgataa aaaatgagaa ggatgagctg 120
 attcctactc gagtgcagaa cagttggaga gtatgcattg actataggag gctgaaccag 180
 gttacaaaaa aggaccattt ttcactgcca ttcattgacc agatgcttga acgcctggca 240
 agtaaactctc actactgttt ccttgatggg ttttctgggt atatgaaaat cactattgct 300
 cctgaggatc aggaaaagac cacattcacc tacccttgg acacttttagc ttataggagg 360
 atgcctttcg gcctgtgcaa tgccctggg accttcagc ggagcatgat tagtattttt 420
 agtgattntt tagaannatg catagaggtg tttatggatg atttcactg 469

<210> 2092
 <211> 358
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2092

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 aatccggtaa tcgattacca gaagagaaaa actctctggg aaaagggttt gtcaaaaact 180
 catgtgctat tcaaaagttt tgaaaaactt ttaataactt atcttgattg agtcttctct 240
 tcattcttga atcttgatcc tcattcttga catctngaac cctgaatctt gantcttgac 300
 tttagacttt cttcttgagt cttgaattct tcttgattct tatcttgaac tcttgaat 358

<210> 2093
 <211> 449
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2093

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 tatggcttgc ctctcaacta tacgccaccc aatgtggcgt acactcccaa tgagaatgtc 120
 aataacttca ctctataacc cattgagagc caacaacccc aaactgatca tgcacatgtc 180
 tcttaaaccg taggggagac acatgaaatt cccaccaca atctagccga cttcgagcct 240
 tgcctcggat atgccactga agggcaagca gttggtggtg taccctaca aaaccctttg 300

gagggccctc agtatcacc ccagctacac ctcttgcatt ccacaacaag taaaaaccct 360
 cgtgctatga cagaaatggg aaagttggat catctagagg aaaggctcan ggccattgaa 420
 ggaggtgaag attatgcctt tgctaacct 449

<210> 2094
 <211> 405
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2094

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 ggaaggcaaa ggagaagaga agaggggagg caccatccac aaggggaataa accatggaag 120
 aaggagcttc accaccaaga atgtgcctta gataaaaagc ttgaagagga tgctttaatg 180
 gaggaaaaga aagagagaag gggggagcac ggaattgaag gaataaaaga gggagagaag 240
 tggaaactttg aagtgtgtct cataagactt ttattcatca aagttacaac aagtgttaca 300
 catgcttcta tttatagact aggtagattc cttgagaagc ttctttgaga aaacttcctt 360
 gagaagctag agcttagcta ctcatatccc tctcataact aagct 405

<210> 2095
 <211> 467
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2095

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 tctgattcct tctctggctt gttgttgctt acaataggat gccttctctt gatggttgct 120
 tttgttaagg acatagactt tcagagtttc tttgcctaag ggtgtgtgat gcttcacatt 180
 tccattgcag tgtggagatt cttctttgag aggaagcttg gggatcttgc acatgagtgg 240
 cctaggcatg ctgttgggga cattgcattg gccatttcat gggctctttt tcttgtgtac 300
 acatggagag agtaatatga ttagttaatt tatttaataa ctttgtaagt ttttgggtgct 360
 tgtggttgta gaaacaacat ggcccanatt ggccttgtga atgctcagat tcttgacata 420
 aatggagaac cattatatga gttctgttct tcttcaaaga gagaatg 467

<210> 2096
 <211> 421
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2096

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agcttatcgc catctttcat ggcggcaccc tttcttctcg ccattgcaga tggcggaaca 60
gccatcccg c attaccact tgcgggatcc attgaaaaaa cagaccccca atggtaaaat 120
cgaccctgaa tggtaaatag tttttaaaac taaccacctc cagtaaattt ggcttggcta 180
agtcgcaa at tcttaggtct gagagaaacc ccaatctttc tcggggagtt ggcaccagcc 240
aagcaaaaac tgggtggcgc ataggtctct ctaanaacac attactattg gttcctacta 300
aattactctt gacctttacc ggtcaataat aattatcaaa ctacacttct tcaccttacc 360
caaaatactc cctcaatttc tggccctttt tcattcattc attctctctc cctaattctc 420
t 421
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<210> 2097
 <211> 444
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2097

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nggagtcggt gacttcgaag actntgtcag atctcttttg tttccaccc aaatgcttca 60
ttaaagaca agatagcttg taagttaaag ttcatactct tagcccatga tttattggaa 120
atactttact gtaatctaag ttgttgatac attacgttgg tttggtatct tgtttcagtt 180
tcatttaggc tctatgattt gcacaatact ggctttatag agcgccctga ggtaagatgg 240
tgattntcct ttctaccttc ttcatttacc accagaccaa ccttataatt gttagttggt 300
gaagtgccta ttgctacaaa tacaataaca ataagtgcta acctacacgt acgtagagat 360
agggccttga tgtgatggga tgatctcatt ntggctcggg gtattttttt catggcatct 420
atcttcagtg gttgtgcact ccta 444
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<210> 2098
 <211> 415
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2098

cattctnatg aagattgacc acatcatcta attctttctca tagnagaaga ttaagggat 60
gaaccagcga tggggcganc gcaccccnnc nccncctc tttctcccc cccatcccc 120
ccccctatt cccccctccc ctctttacct tctctcctt cctcttcccc tctcctctca 180
ttctctcctt ccttccccctc ttctctcctt ccactcttcc tctccttatt ctcttctctc 240
tcttctcttc ctctcccttt atctctcctt ccttctctc tatctctcct cctcctctct 300
cctcccttcc cctctcctgc ctctctcctt ttctctcctt tcttctctc tttccctcct 360
cctttctcca tcccttcttc tctctcccc ccttccctct tcacccacct ccccc 415

<210> 2099

<211> 438

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2099

nttcgactct tttctctcaa tgaactgatg ggatcatctat tntgtgtaaa atcagccaag 60
tcaacccaag tccattgcat tttcaatcta gtatgttgct cagtttgccc atatgtaggg 120
ttcctaggcc aactgggtcg attgactgat ctgagctagt tctaataaca ttaagcgccc 180
cggaggcaac aatttggggg taagaactaa acatatataa gtattttgtt taataaaatt 240
ttattaaatt attattatta tgaattaaaa ggtattttta atattaaatt aaacaaaatg 300
caaacttgtc aactaaattg tgtcatgtca caacatcctt aacaagtggc aactgcaaag 360
tagacaagtg tacatacatg ccattagtta atgacctang caacaaggac tcaaaaattn 420
tttgatagag aaaagtgt 438

<210> 2100

<211> 386

<212> DNA

<213> Glycine max

<400> 2100

agcttatgcg caagatccag tccgtctagt gtgaatgacg actgtcaagt ggcattcccc 60

ccgtgcttat gtcgttgggtg cccaggagac cccttatect atacatgact gtgttggtatg 120
 ggctgatggg gtgtatgctg gggaagcatg tcgtgtccgg aaagagggaa cgggttgtct 180
 actacttgag caagaagttc aacacctgtg agatgaacta ctctttgctt gaaaagacat 240
 gttgtgcctt ggtgtgggcg gcacatcgtc taatgcagta catgctgagc cacaccactt 300
 ggttggtatc caagatggac ccagtcaagt acatttttga aaagcccgtc cttaccggac 360
 ggatcgccca gtggcagggtt ctgcta 386

<210> 2101
 <211> 431
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2101

tgtgcgaatc anactactcc tgcattntat ctctagcatg ctttttttct ttctttaccc 60
 actcctcagc ttaggttttt tagggaaaaa caccataact aaacgcgcca caaggcatcc 120
 ctatcgacc agatccaaat ctagaacgat ggtgatcaa gaggagacac aagaacaaat 180
 gaaagccgac atgtcgactc tgaaagaaca gatggcttcc atgatggagg ccatgttggg 240
 aatgaggtag ctcatggaga aaaacgtggg caccgctgcc gctgttagtt cggctgccga 300
 agcagacca actctcttgg caaccgcgca ccattcttcc tcaaacatag taggacggtg 360
 aagggaaca ctgtggcacg atggcgaccc ttatggattg ccaccaact actcaccacc 420
 catcctacaa g 431

<210> 2102
 <211> 422
 <212> DNA
 <213> Glycine max
 <400> 2102

agcttcaaca attgtttaat atagataaaa caattttagt gtaagacaat gttcatgaat 60
 tgtttaatag agataaaaca acaaccaagc cttttccac tagagagaat gaataacaac 120
 ccttggtata acccagcaag ggtcctaaga tattgctact aactttccag cacattaacc 180
 ttgaatgtat tgagcttgaa tatttaattt aatggattaa aaaggtactt catatcacca 240
 ccaaatacgt ggctaagaca atccatcatc aaatttctca ttaaaaaaga aatcttgaca 300

ttaatgaaat ggataaactt tcaatcatat gagctattca ataaagtata tgtggttcca 360
 aggtgcta atgactggat tttgataatt taaggatcgc tttgtgatta taaatacatg 420
 ac 422

<210> 2103
 <211> 436
 <212> DNA
 <213> Glycine max

<400> 2103

tcaggttgct cattgactcc atattgttgc aaagaaggac acatatctga atggtgatct 60
 gcggaagaac atagaccaca gactcttgca atagggtgtag attttttatt catggcaagc 120
 tgagttacta ggttgaccaa ggcaacaagt tttccttcaa gatttttatt ttcagtagat 180
 gaagatgaat ctgtggccac ctcatggact cctctaagga caatagcatc atttcttgca 240
 ctgaattggt gggagttgga agccatcttc tcaatcaa atcctagcttc agcatgggtc 300
 atatcaccaa gagctccacc actggcagca tcaatcatat cctctccat gtttctaagt 360
 ccctcataga aatattgaag aaggagttgc tcataaatct ggtggtgagg acagctagca 420
 cacaatttct tgaatc 436

<210> 2104
 <211> 424
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2104

agcttcaacc ctttcccaaa actcggcaag gtacgcgaaa tggtattccc actcagatcc 60
 aacaatgtca aagatttcaa actagtccaa ttactcggta tcgtaccact aatatcatta 120
 cctcccaacc ttatctcaac aagagaatct aacttgga cagaaggact caaagtccca 180
 ctaagattaa acttttccaa aataatcatg tccaccttgc cgtccccatt gcaccttatt 240
 cccaaccatg gcccgtaga agggtcattt ccaactcaag aatcaacca aatccaagga 300
 taccccaacc ctccaagaaa ctccaacaac accatcactt caaaagcaca cataaccccg 360
 gcctttgcct caaaaattc attgttctca taactcactt tactcgctgc anattccggg 420

atcg 424

<210> 2105
<211> 419
<212> DNA
<213> Glycine max

<400> 2105

tgttaaagaa cttagagaag atcaagtata agcttgctct cacatcggtc gtgtgtatga 60
tatctactcg acaagggttg aagtagagga gaccttcaat cctatcacgc aacgtggcgg 120
aaaaaagtgg acagtaaact tgaatgacca ttattgtcaa tgcggaaagt attctgtgct 180
tcactattca tggtcacaca ttattgcagc ttatggttac gtgagcatga actactacca 240
atatatagat gttgtttaca cgaatgagca catcttaca gcttactccg cacaatggtg 300
gcctctcatg aatgaagcga caattctcct tctaatacgc catggacact tatccctgac 360
ccaactacaa ttctttcgaa aggtcggcgg aaatccacaa tgataaagaa tgagatgga 419

<210> 2106
<211> 311
<212> DNA
<213> Glycine max

<400> 2106

tgatagcagc gtaatggaga aggagaaggg tgattggaga tgccacttca aggagaagat 60
gagtctagaa gaagctcacc accataggaa gccatggata agagcttgaa ggtaagaaaa 120
gatgaatgga gggagagga gaaaggagc atgaaattta atgcctctaa agaagtttga 180
actttgaaag ttaattctca aatgatcaaa gttgaaaaaa tgcacacaca tagcctctat 240
ttatagccta agtgtcacac aaaattggag ggaaatttga atttctattc aaatcttact 300
agaaatttga a 311

<210> 2107
<211> 455
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2107

nttgataatg attgaatggt ttgttaatga atataatttg ttggtgtgga ttgtggaaag 60

tatatattga acttcaatgc tagaaaacat aggaaaagga aaaagttagt atccaattgt 120
 . atgtctatga gcacgtgttg caaatatact atgcatccaa ttgacagtcg aataacttgg 180
 gcctcgaatc tcaagtgtgc aaaaatgata taagagttaa ccaataatca ttaagttttg 240
 gaattaaagc caaccattat gcacattaaa aacaatgaca aagaagcaaa catgtacttt 300
 gatgattagg agcctaagat caacggactt ttcacattct gaatcccaaa agaaagattt 360
 tgaattaaac ttgttgtgat aaacttcac tccaactgtt ccgaatttat taaattgcgt 420
 atgaaaataa agcaaagact acaatattta atata 455

<210> 2108
 <211> 447
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2108

agctnttatg tgaaaggatg tgactcttca tatttgaatt tgaatttcca cgttcaaagg 60
 gactggtaat cgattaccaa aacattgtaa tgcattacag ctttttgaaa ttaattggaa 120
 cgttgtaa at tcaatttgaa aactttttca aatccatttt gctactggta atcgattaca 180
 acaatatggg aatcaattac cagagagtaa aaactctttg gtaaacaatgt tttgagaaaa 240
 accatgtgct attcaatttt tgagaaaaaac cttttcatac ttatcttgat taagccttct 300
 cttgattctt gaatcttgag tcttgaatct tgatattgat tcttgagatc ttgaaccttg 360
 aatcttgatt cttgactcta aactttcttc ttgattctta tattgaactc ttgaaatggt 420
 cttgattcac ttgagttggt ctttgat 447

<210> 2109
 <211> 474
 <212> DNA
 <213> Glycine max
 <400> 2109

ttacggacct taaaactaag cttagacact tgttgaatcg attacatgag gttgtaattt 60
 attaaaacaa agagcttttg tctctgaaga atttttttta acttagaaaa ttttcttcac 120
 acacactatg atgattgtta gttctttggc aagtgtacca aatcgctcgt agtaataatt 180

tctcgataag ccgagtgtcg taccacatgg attttggtac acttatatga agtacttttc 240
 agtttgcaaa ttgtaaattt agtgataaaa attaaagga aatttaaatac taagaaaaac 300
 tcaagcaata aataaagaat aaagtctata aaatattact aaatctaata atcctaaata 360
 cctactccta aataaaatag gggatactac ttctaagaaa acccaacaat aaaataagga 420
 ataactactt ctaagaaacc caacaataaa ataagaaact tcatacaata aaat 474

<210> 2110
 <211> 349
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2110

catatggcct tggcatctct gttagatnta catgatctgc taactccatg gatgaacata 60
 caactacact cagacacttc ttagtattcg ggctggtata agataataag ctaatattac 120
 tcctttgagg tacccttttg acggaagttt agatattctc tcaagaaatt aaagaaaaga 180
 aaaagttact gaaaaatgtg gatcacataa ttaatgcac taaaagatat tttataatct 240
 aaagataaaa aaaaatgaca nattattgat gaagtgttag gttctaaaat atgaaatcct 300
 gattacctga acaacataaa taggaaatat taacatgatt atatttccc 349

<210> 2111
 <211> 454
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2111

tgtccttaga tggtttacta attctgaatg cntagattg tgcttttagac ctttttatgc 60
 tataactaatt ctgaatgctt ttagcttgtg cctctgaaat agtgaaatgt gtgcatgaat 120
 tcaaaaaatg gtgtaaacc atcagtcatt ttaatttact ggctaagaat ctttgaccgt 180
 gtgctaaata tgaaagaaat gaagaagggtg aacggaagct gcaaagtgtg aagtgaatgg 240
 agaaggagat gaaggctaac tatgaaggag aggttgcacg aaggaagaga atatggattt 300
 ctaaaacccc aaattccatt actgngnaaa tatatgtttc tagtcatgtt acatgttagc 360
 aaaacaaatg gaggattaac aaaacttacg catagggagc tgataaagga tccaattaca 420

aaatattata gtttaagaac ctaattatac aaat

454

<210> 2112
<211> 435
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2112

agcttggact cgattgcgcc aactggactg ttcctgtcta ttccgatctt tcaaagtgtg 60
tttgtnnttt tgtttttttg ttagattaaa ttaaaatggt ctcttgatta tgcgtgtatg 120
tatgttcgta tgtgtgattg aatttaactt gccaaatttg cctttgggtt cgagtaaatac 180
aatgcgttga aattcttttt gaaatctctt ttggtcggtta catgtttgag tgtttttact 240
atttacagtg ctgcaagtta atttcagtga atgtccacgt ttcttataaa ctgttttcta 300
atgactttcc aggagaagtg ctggagatga ggaaaagatg gtgtntctgt attttaatcg 360
tgtaagctgt tcgtcttttg tctgtggtag gaaatttttt aaagaaagg gtaagggtag 420
tggtacatta tttat 435

<210> 2113
<211> 456
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2113

gggaagcaag tgagatagtc gacaattntc ctaatgaagt tgattaattc tctaacatct 60
ttttattgaa tttcctaata ctaatactga tgggtcttaata ttaaccatat taaaaaaca 120
actaaaattt aagcaaatta acctttacat gatcacatca caacaataaa ccacataaga 180
ttttttaatg atgcaacggc tataacttcat ttatacaacc gtgcatcatg cgttgttggg 240
ttatgcgatt tcaagaggaa tcttacacca gttaaattt agtaatttag aatttctttt 300
ttacgaattt gtcttaactc ttaaccaaag gcaattttta ttttgtggtc cctccctcat 360
attctcttag atgccatggt cttgagcaga tattgaacgg tgggtgttcat atatatcatc 420
atatatatgc gcagcaagct ntcacattaa cattat 456

<210> 2114

<211> 322
 <212> DNA
 <213> Glycine max

<400> 2114

gcaaaccaat agcagcagaa taattatgac cttttaagaa acagatacaa tccagggttg 60
 aggaatcatc caaatccgag atggacaagt ccttcacaac aacaacagcc tatccctcct 120
 ttccagaatg gtgctgggtcc aagcaagcca tatgttcctc ctccaatgca gcaacagcaa 180
 caacaacaaa gacaacaagc aactgaggcc cctcctcaac ctttcttaga agagttagtg 240
 aggcaaatga ccatccagaa tatgcaatgt tagcaagaga caaaagcctc cattcagagt 300
 ctaacaaatc agatggggct ga 322

<210> 2115
 <211> 450
 <212> DNA
 <213> Glycine max

<400> 2115

tagtggacat gaaaagggtt ttgtcaactt aataagtatt atatcaaact acttatctac 60
 ttttgtggtt ttgttattga caattttatt ttttaattta acaggaagga tattgtgtta 120
 cagttgcaac cactaaaaag ttgttggttag ccaatggatg gagctatgaa ggttgtccaa 180
 atgtaataga aaagctggag acaccacact ttcattcatt tgctaagagt gtaggaatga 240
 aaattcaatg tttagggtgat caatgatata cattgtatct cttttatata ctttaaatcc 300
 ataggtaata taagatgaaa tctatatgaa atactaccat attttgtaag aatTTTTTTT 360
 ctttttttgg aaataacgta tttatattct gcaagacatt ttgtatccaa ttcttgtgag 420
 tttgtatgtt tatggatatg ttaagatgga 450

<210> 2116
 <211> 326
 <212> DNA
 <213> Glycine max

<400> 2116

tattccttta ttaatatata tgcgaggggt agaaggtgtc acaaagatg ccattttttt 60
 tttgttgag ctagttgagg aacctggaaa aaggatttga caatcctttt catcaatggt 120

caagccatat cagagattaa tttgtattat agctccacag atagggatca ccaatatata 180
 cttaaaagtt tggttcttta ttccatcacg attagtgtgt attatggaac caaacctcca 240
 catgggagac ttcattgatg attgtaaaaa tcacagtacg acttatacta aaacttacct 300
 aatatataat attatTTTTG cgata 326

<210> 2117
 <211> 445
 <212> DNA
 <213> Glycine max

<400> 2117

tgttgacggc ttctctgaga cgcttgagtg atgtattgtg tatgggatgc tccgacatgg 60
 tgtcaccgag catagagcag gttagactag aattgttatg actggactac tatactacga 120
 attaacaagc taagaggtaa tttcttcttg ctgattttac tcaattcact ggtatttata 180
 gacacaacaa tagttgcaag gctaaaaaac cactaattgg ccaactgtgc taataactga 240
 ctagtagtgg agctaacata atttgTTTT gatcactaag aaactctggg agtggaaatta 300
 acagaaattg gtaaaatata tgattgagta tcctaacacc tagcagcaca agaatagcat 360
 aagcaattca cacgaagtcc tgtaatgggc cggtttcctc atattcctct taggcctgct 420
 attgacttgt gccctcttgc tatca 445

<210> 2118
 <211> 272
 <212> DNA
 <213> Glycine max

<400> 2118

atgggaggag ggtatatgcc atttttgctt taaggatagt gtccactgg taaaattaac 60
 tttccaaatg gttgccttgc caggaatggc cccgaagaag cttgcctcaa agaggtccaa 120
 gaaagacaag gcggccgaag gaactagttc cgctccggag tacgacagtc accgctttag 180
 gagcgctgta caccaacagc gtttcgaagc catcaaggga tggtcgtttc tccgggagcg 240
 acgcgtccag ctgagggacg acgagtatac tg 272

<210> 2119
 <211> 451
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2119

tgtggtattc annaattgta aacatttgaa gttatttgat gaanagttca ggaaacattt 60
tgcaattttg cagcagtcac tttgttgcat tttttgtgtg aaggaatatt tgtatttttt 120
aactcttatt tttctataca cttttcaaaa ggggagattc tgaatggcca aagctgcaag 180
agaaaccacc tattggatga tgtcaacctt ttcaagaagt taaaaataaa cgaggacaag 240
tcaggcaagt tcggcatttc tcacccttaa ttctaccctt cacatttggc tttgttttct 300
ttagttttct cattaacttt tattgcaatg tgtggtctct tgaccaaaga tgaacttttc 360
aagccttctc cctccccttc ctaagaaaat tcttttctta tctgtctgca tctgcctcaa 420
cattaacaca tttaatgaac tcttcacaga t 451

<210> 2120

<211> 432

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2120

agcttatcan agaattttgt ctgcgtggt ctttaaaca gaacaaagtg tgtgtaaaat 60
taaagtgaac tttgaaaaag taaacaaca catcagaagc tgtaaaaaa ctgttnaggc 120
ccgatatcct gaccataaaa agtaaaca aaatcaca tccattacca 180
gatttaaacc atgacaagtg tcacgtccta tgaaatatag gtttgaaata taattntttt 240
agtcagnttt cttattatat tttctttttt tacatctaaa ataaaaataa attttaattt 300
taagtattaa actagtaatt ttgtggaaat tattatttat taaatatttc taacataaat 360
atttaaataa ttttttttaa aaaatgagtt tccttcaata gatttccgga tctgtcccga 420
attaaaaata ca 432

<210> 2121

<211> 436

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2121

tccattggtg tcttgaaacc taaggctgat gaaggacatc tattaatcaa atatgttggt 60
 gtgtttgcag cttctcccca aaaagccttt ggcagtcctg cacttagaag catgcacctt 120
 actctttcca aaatggctct gttcattctt tctgccaaac cattctgttg tggagtgtga 180
 gggactgttt tgtgcctttt gatgcctatt ttcttgcaaa actcattgaa ctgctctgaa 240
 acaaactcca ggccattgtc agttcttaaa acttttaatt ttgtaccaag ttgatttcca 300
 acaagagtat gtcattctct gaatttttga aaagcttccg acttattttt canaacatac 360
 agccatactc ttcttgagaa atcatctatg atggtgagaa agtatgagct tccaccatga 420
 gttttcactc tagatg 436

<210> 2122
 <211> 359
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2122

agcttgctct anatttacat tgatgtttgt atttatggga ggaggttgta tgccattttt 60
 gttttaagag tagtgtccca ctggtaaaac taactttcca aatgtttgcc ttcgcaggaa 120
 atggccccga ggaagcttgc ctcanagagg tccaggaagg acaaggcagc cgaaggaaact 180
 agttccgctc cggagtatga cagtcaccgc tttaggagcg ctgtacacca gcagcgcttc 240
 gaggccatca agggatggtc gtttctccgg gagcgacgcg tccagctcag ggacgacgag 300
 tatgctgatt tccaggagga aatagggcgc cggcgggtggg catcactggt tacttccat 359

<210> 2123
 <211> 400
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2123

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 ctaagcgcaa cattcatggg ctaaacgcga ggaagactct ggaagaagat gagttgtaca 120
 ggttcgctaa gcgcaccact tcatctcact aagcgcaccg cttcagttca tccgctaagt 180
 gagaaaggca cttgctaagc caaaattcac taatgtgcgc taagcgggtcc ataattgcgc 240

taagcgcacg agcacgaaca aggccatcta ttttaagcctg aaattagatt ttagaggaag 300
 agtttgact gggattcaga gctgtgcatg tctagagttt ctagagagag aaagggtccaa 360
 gttctagaaa gttgtgagag attttgttgt gtgaagatct 400

<210> 2124
 <211> 416
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2124

agcttcatgc ttaactatgt atggcaaaac ttcattactg gtggtcaaga catacaagtg 60
 agcttgtaac aaatcttcta cacttggagt gatcacatgc agtcctcttg aacccttacc 120
 acccactctg tcatcatgtc gagactcaag aagcccaaca ggtttaacct tctctaagta 180
 ttctgaacaa aaatcaatgg cttcttctac aatgtacctc tcaacaatag atgcttctgg 240
 acgatataga ttctntgtat acccttttaa gatctttatg tatcgctcaa ccgggtacat 300
 ccaccgtaga taaacaggac cacaacattn gattttctta accagatgca caatcaagtg 360
 aatcatgatn gtcaagaaag anggggaaaa tacatctnca ctggcacagt ataatt 416

<210> 2125
 <211> 428
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2125

tgtgattgaa tgaattatcc cttgtaccca gtttgagctt aatgaattaa ttgattgatt 60
 gaacctggag cctattcagt tgtatcttct gctaccttat tttagggtgt aggagagcat 120
 catccacaga agatgggttca aggaaaattt gtcccaaatt tgggggaggt attatcaagg 180
 taaatttgtt ccaaatttgg ggaaggcact cggttaaggat tgaaatgggtc aaagaaaata 240
 gtatatacac actggttcta ttttctgtgt taaaaaaaaa ccaaaaaaaaaa actgtaagta 300
 taaataaagt taataagtgt gtatgctata aattcaggca tgaaagctaa gtgcctaaga 360
 aaaagggcaa gtacggcgaa ggaatgaatg aatgaaaaaa anatgaaggt tattctatgg 420
 atgaatgt 428

<210> 2126
 <211> 414
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2126

agcttgagat gaggaagtgt tgaagggtga aacttcctgc ttttattgtt gaccacagag 60
 tggtagctgg agatatgtcg cgngggtcag gagaccttgg ggacgtcagg tgggggtgcta 120
 ttgccccaaa ccaagcttga ccaatcccga cccaacccgg gcatagtcgg tcagtgaagaa 180
 cctgtgatgt acctaaacag gcgagctcct agcagtcaac agataaaagg aacaaagacc 240
 acaaagcaag gaggcttgtg gtggctggct agctgtgaaa cttgattgat atgtgagata 300
 tggctctctgg taatcgatta ccaagggtgg gtaatcgatt acaaggctta naaatgaaga 360
 caggaggcta agatggtctc tggtaaactc ataccacggn gtgtaatcga ttac 414

<210> 2127
 <211> 413
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2127

tcggtactct attttaaant acaatagggt ttaatatata tattagtttg ctactaaaaa 60
 aattatctag ttaaaaatta taaattacac aaaataaaat ataaaatcat atatataaaa 120
 agttttatttg taaataatgt ttggagtggg gtagcccaaa tttggggtag cccaacacac 180
 tttttgtaat acctctagtt ttcgacttct cagtgggtca cacactacta cacttcacgt 240
 ggtgatactt tactgaactg ctcgttgggtc ataaccctcc cactgggtcag aatcctctat 300
 aggtaactct tttcgagacc tcgataatca tcccttactg ctttcaggat caatgactat 360
 cccacaaaac caacacaaga tttntagca tactttgtcc tcactcacac aca 413

<210> 2128
 <211> 459
 <212> DNA
 <213> Glycine max

<400> 2128

actaagctat gctgctacat ttatataaac ctccacagca gcatatcctt tatcagataa 60
ataattatga cctttcaagc aacagataca atccatgttg aaggaatcat ccaaactctga 120
gatggacaag tcctccacaa caacaacagc ctgtccctcc tttctagaat gttgctggtc 180
caagcaagcc atatgttcct ccttcaatgc agcaatatca acagcatcaa caaagacaac 240
aagcagttga ggctcctcct caaccttcct tagaagagtt agtgaggcaa ataaccatcc 300
agaatatgca atttcagcaa gagataagag cctccattca gagtctgaca aataagatgg 360
ggcagatggc tactcagatg aaccaagccc agtcccaaca ttctaacaaa tagtcttcac 420
aaactgtgca gaatctgaaa aatgtgagtg ccatcacct 459

<210> 2129
<211> 333
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2129

aagatatggg cctgcctatc tgatcttcta tgctttaata ggtggaaaga agaattgagt 60
tcaagaggaa cctcactctt atgatgaggt cataagcaac aaggacaatt caaatggat 120
tgaagctatg gaagaagaaa tgtcttttct aaaaaagaat tgtcctaaag ggcagtaa 180
tggtggatgc agatggctat tcaagaggaa agaaggtttt gaaggagtgc aaagtgtag 240
gttcaaagct aggctagtag cctgtggggt tactcaaaag gaaggagtag attntgtaga 300
aatcttctca cctatggtaa aacatagttc aat 333

<210> 2130
<211> 456
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2130

tcttggtggg tntgcgtggg catgtgaaac aagggaatt ttgtataaga gaagtttct 60
tcgataagtt aaattaaata aatatattat aaccaaatat gttgacaagt gtcactaatc 120
aatatttcaa aagatgtttc gggtaccttt ggtcttttgt ggtagatttt agcttcagta 180
tttaaattatt attaacggtg ataacttta accaattgaa ggaatattat gaatcatctt 240

aaaaggataa aacaactaaa ataaattctt aaaagaaacg atcaaataaa aaaaataaga 300
 taaaaataa aataatcatt tagtcaaata tagaatacgt ggaaagtaat attcaaacat 360
 ttcatggatg ttcgattcga tttctcttan ataatcgatt attttcatta atatcatgaa 420
 aattaaaaaa aatacaatta tctttataaa tntatg 456

<210> 2131
 <211> 390
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2131

cctgcggcat gcaagcttct ataaaggaag tttattaagt ntcccatcat tggaggaatt 60
 tgtcagaatc tcttgcgagt ggatggaaac attatgtcca ggtaccctaa aagcagacaa 120
 gttggttcaa gttcaacttg aaccaaattg gaggcactta gatcatatac aacaacatcg 180
 ccttatctta ctaagtgggg tcggcgactg gcaactcaaat cctatcaaat tggaaaatga 240
 cctgaactct accatgcggg aggcatttag ggaaaaggta tgttttcaat tattttgatt 300
 agatatgatt gatattgggtg tatgttgggtg ttataatgca aaatatacac cgctaattag 360
 gttaattaga ttcattctca aattaacttt 390

<210> 2132
 <211> 455
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2132

tctgagctnt gataattctt taagtttcaa acaattgaga tgctgaaata ttatctcatt 60
 ctctgatttc atcccccttc ttagacacta tctcttcaat ttaatcacac caacttatct 120
 caattgtttt gagttgacct aaacttttgg gtgttgagga tgtgaacaaa tatagcagtg 180
 ttgcaatttt ttacttccaa aaatgtcaaa ttcgagaagg gcactgtgca tggttccaaa 240
 ttatgcaaca ctccgctttt atgaaaattc gtagcattat tcttcgaata atacaccaca 300
 acctattcat aaattctctc attctatttc atcccccttg ttaaagatga tggaacacaa 360
 gacttacca aaataaaata aaacatgccga gaatagttga attggatacc tttaaactaa 420

aagtctaaaa cataaccttt tgtgtttgtg tgttg 455

<210> 2133
<211> 339
<212> DNA
<213> Glycine max

<400> 2133

gcccataagg catcatccaa cttcacaacc aatccttcct tgaggatgca acaatattct 60
ccagaatttt cttcaattct ttggtggata cctcggcctg gccatttttc tgaggatgat 120
aaggtgaaac taccttacgt ttgacattat aatgccaat accttctaca actatctatt 180
gcagaaatgt gaaccctatc actgattatc actctggaga ccccgagcg ggagaaaatg 240
tttctcttca ggaatttgat gacaatcttg gcatcattct ttgaggcaac cacaacttcc 300
accacttgg acacttaatc aacaaccacc aagatgtac 339

<210> 2134
<211> 442
<212> DNA
<213> Glycine max

<400> 2134

ctcagcttaa taatcctgag ctggagtgag ccatggatcc caagtccct gtgccgtagt 60
gacggctact acataatcat cgtcaatatc tgcctttgct gcgcctgaaa ctccttcctc 120
agcagcctcc actggtgtgt cctgagcctc tgcctctgcc tttggggtat ccttagcctc 180
cccagcctct ggagtgtctt cagcggcctg tgtttgtggc tcctgggcca caagagcctc 240
accccccaa aaggaaggct ggactccaga ccaagctacc tgtgccaaga agtcctccat 300
gctcatgata agccgtgct gagataaatt ctgcatactc tgcataacca ggaaaaggct 360
gtgatgaatg cttttagtagc tgggcacgat agcagcactg ctaggtacga aggggccggt 420
tgagctgaa ataggtgtgg ga 442

<210> 2135
<211> 461
<212> DNA
<213> Glycine max

<400> 2135

cttagagcca cctgcttgca tgcaagctcg cctcaaagag atctaggaag gataaatgcg 60
gtgaaggaac cagttccgct cccgaatatg acagcctcca ttttaggagc gctgagcacc 120
agcagcgctt cgaggccatc aagggatggg catttctccg ggagcgacgc gttcagctca 180
gggacgacga gtataccac tttcaggagg agatagttcg ccggcgttgg gcatcactgg 240
ttacccccat ggccaagttc gaccagaca tagtcctcga attttatgct aatgcttggc 300
ctacagagga gggcggtgca gatatgcgat cctgggtgag gggtcagtgg atcccgttcg 360
atgcagatgc tctcagccag ttcttgggat accctttagt gctggaggag ggccaggaat 420
gtgagtatgg ccagaggagg aaccggtccg atgggttcga t 461

<210> 2136
<211> 454
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2136

tctacatgtc tagggttttc tagagagaga aagggtccatg ttccatagag tttgaaagat 60
tttgctgtgt gaagacctgc agagaaccga gcttgaagag gaagctgtcc tgagagcttg 120
agatgagttt gtgagtgatt gtgaggttct aaagggtggag gagacatcct taccacttgt 180
atttcttcaa tccttcatgt ttctcttctc tttgttgcaa aggaagtttc ccagttatgg 240
agagctaaat cctttgttgg ntcttctctg taggtacttg gtgtaaatac ctgtatatct 300
atttaatgat gctttgtgtg ttactgtgc tatcaaaact tcattctacc atgcttttgc 360
cttgatcacg tagatgcatg tgtttttagg atcattcatc agtggaaact ggtctgattc 420
ttagaacttg ataggacggc gctagtttat cata 454

<210> 2137
<211> 271
<212> DNA
<213> Glycine max

<400> 2137

agctttgagt aataatTTTT ccatcaatct ctgaaattta gaatgaaatg tatgaatgag 60
gactgttagt cagcgaatac cactaacttt tgtgataaaa cttgtgtaaa ttgtatcaaa 120

ctcttccaat ttatggttat tttgtagtgt tataagtatt ttctgttaaa tataggtaat 180
aaatacttag tacttccatt ttgtgtggta ataatacattt tctctcattt caggttaatt 240
aggcaagctt tgaaaagtgc taattttcac c 271

<210> 2138
<211> 444
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2138

tcattcagat ggattaaaag gctcaatggt cacaatgtctt tcatgattgg gtcacgattc 60
tcatgccttt catgataata gtagataagc ctatgttgta tcaaaaggct aactgctata 120
agggaacga gattcttatt gaagatgatg tgtagatgct cctccaatta gataagagag 180
cttgtcttgg aagggtgttc aaacataagc ttgaatctct taagcagaaa attgagcaca 240
ctagtatgga ttggtgtggt ataaagaggt tctataaact gaaagctcac tattaaggctc 300
tggaaccatt tatgttgtaa ggcgtttatc atgcagaaag cgtttatcac gcagtaaggc 360
gttattatca tactctaaac catttatgct ctactgagga gatttctttc aacatgggtt 420
gcccatggac tanggagttt catg 444

<210> 2139
<211> 411
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2139

caagctacnc ttcaatctgc ctatacatat attaatatgc aactactcca cagncaccga 60
ttcaaaattg gggatcagtg gggtcctttg acttcaatct tttggtgatg attgaaatgc 120
aaattcgcaa tcatcaaagt tatcacctga ccaaagaatg gggccatgca cctagatctt 180
aattcaggac ggatgtaatc agttcaagac ttcaaatacg ttctagtatt tgaaagttag 240
attagacgtg catgtccatc acatgttaga acatagtttt caggtaagga aacaaattan 300
aacaatctt gtgcgaatct taatgaatat gaagccgggt ttctacggtc attagtggac 360
attccgtagt cggcacctta tttacttttt gaaatttggg ttcactttta t 411

<210> 2140
 <211> 437
 <212> DNA
 <213> Glycine max

<400> 2140

tgcggaattgc tgctgggtctg ataacaacat caattctatg tttttatttg caattcctcc 60
 cattacgcga atggcactct cacgtgatac ttggataacc gtattatgca gaaaattgag 120
 agattgggtgg caatgggtaa ttaaacatth ttttaaaagc aaagcacgct gataattcag 180
 aattcagaat aatataacat tttgcagttt caagagctaa tatgaaaatg gaattcaaatt 240
 gcaggttgct gatggggatc ttcctattgt tgcttcacat gggtaagtaa tcagttagtc 300
 ttgcaatata taaaatccac tttatgtgtt taccaagtct catgttatgc tgatatggca 360
 gaatggaggt tgaagtatat aaatcacttg atccaggggt tcgtgtgggtc atcttaaaag 420
 cattatgtga cattcgt 437

<210> 2141
 <211> 427
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2141

agcttctcaa gcaagctttc attaatgggt atatagcaca agagcttcaa gtaggtgctc 60
 tttaaacatc cattaatnt cagctttacc ttctcctgca ttgttgnttc ttcatttttc 120
 tccatgtatc tctcagatg tctagtgttg aatgttggtt acaatgaatt ttagaatttc 180
 caccgattaa acttgcata gaagctagat ttgattttct atgattcaaa tttcttggtc 240
 ttgctcttga atcatgaatt gtgttgagtt tagattcctt tgagttttgt attgttattc 300
 gttctggctg aaacctaaac catataattc ttacagaaac attaaagtat aagacaacct 360
 canaaatcta gagtgcacatg ttcatttatt atagttntgt cgtagacgtc atgtctagtc 420
 atgaaac 427

<210> 2142
 <211> 429
 <212> DNA
 <213> Glycine max

<400> 2142

tgagtgagag agtgcaagtg gggtcgaggg tcacatctgt taacacaaaag gcaaacacac 60
 ttttaagcag aaattctatg agggtcataag aaagtcgaac agaaatataa aactaagcga 120
 gggttgaggg agtcattgaa ttcaaaccctt cgagggaatc cacaacttgg acaaagatga 180
 acgtaagtaa ataagaaggt tacactcgat tgatacgaag ctaattaatg attttgggaa 240
 taataagtaa gattattcaa agacggtcctt atataaaaat cgtctttgta ctagcaatac 300
 aattatgacg gggtttgtca acctggtcgt gtactccttg ttcaaagggt aaactcacta 360
 ttgaaaatgg atattcaata atacgcatca tatacattcg ttaaaagtac tacactatca 420
 ccacctata 429

<210> 2143

<211> 278

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2143

acacatgctt ctatttatag actaggtagg cttcttgaga agctntctta agaaaacttc 60
 cttgagaagc ttctttgaga aaaattcctt gagaagctag agtttagcta cacacacca 120
 tctaaaaact aagctcacct ncttgagaag cttccttgag aagctagagc ttagctacac 180
 acccctataa tagctaagct caccctcggtg acaanaaaac atgaaaatac aaaaaaatc 240
 ctactacaaa gactactcan aatgccctaa aatacaag 278

<210> 2144

<211> 434

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2144

ntctcccaag tctaaatga catttcaagc tagtattaac tcactntaac ctccatttac 60
 cacagaattc agacttaacc ttccaactct caaagcctca ctctttttcc actcataaca 120
 tcacattctc actttctaac cctagggttaa ctctaccatt catctctaac agttttccat 180
 aagcaatttc agcatataaa catcaciaaac atcatcacia aaaccctaaa acagaatggg 240

tatatctaac tcatccaaac atggcaatth caacaagctt tcaacaaatg tcttcacaaa 300
 taatcatcac acagcagaaa cctagcaaga ctacccatca tatctcccca aaccccatat 360
 ccacgaaaat taaaggagaa agaagtccac ccaaactga attttcgaag tcccactcgt 420
 agccacgcac ttca 434

<210> 2145
 <211> 434
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2145

agcttcggga gttgtattta cgcattggga aggtattagc accccacacg tctgtcacia 60
 gggacgacag cctttaatca aatgtgcaaa catgacttca atttttatgt tcccttttac 120
 gtctttatth ctttttgtac tttttatatt tttatctttt tgtggncgac gaggggtgttt 180
 cccttgctcc tacgtattcc tcaattgtga taaggaaatc agacctacgt agttcttttg 240
 tgaacaaagc gttttggtha agttattttt ttatcctttt ttgcaagata tgttnttatt 300
 gaatgaaagg tcatttaagg cgttggaaca ttaacaatc tttcgtttct tttanaagt 360
 gagaaaacat taaggcattg gaccattaat gatttcttta tttttgaaag aagtacacag 420
 gtacatatcg atth 434

<210> 2146
 <211> 412
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2146

tcactgaatt gctggtctta ttgaagaaca tgcttctctg atcaaaacac ttttccgaan 60
 aatcactacg aggccaaaaa gattttgtgt ccagtggga tggagtacaa gaagatccat 120
 gcatgcccta atgattgcat attgtataga aatgagtatg cagaactacg gcaatgcccc 180
 acgtgtgggg tatcatgata caaagtgcaa catgatgaat taactgatga tgcaggaacc 240
 aaaaattgtc gtcttgccaa ggtgtgttgg tatcttccaa taataccaag gtttaagcga 300
 ttgtttgcta atacacatga tgcaaaaaac ctttcatggc attcggatga ccgaaaatct 360

gatggattac tgtgacatcc tgccgattcg ccgcagtgga agacaattga tc 412

<210> 2147
 <211> 423
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2147

agcttatgcy gcattntcta catgagtatg actttgtttg cnttatttca atatataatt 60
 atgttaaatt atagctttta attaagcaca aagctaacat gcttggtgaa ggtgttttca 120
 caatatacca aatgacatgc tatgccttta tcacccgtct ttttcaatat gttcgtgagt 180
 ttgaataaat tccacaatgt gttttatgta taaagtaact actatcaata tcaaagaggt 240
 aataaaaatt aatgggacac attttggtat gttccatagt taaaactagt gttacttata 300
 tctgcccacaa aatagtgcac tgtcttgagt atctattcca actttgctat acaatgtact 360
 tgtattgaat ttgccacttt catattcttt gaagccataa ttttatgtgc ctcttaatat 420
 ttc 423

<210> 2148
 <211> 447
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2148

ncgcttcgtg accaggtggt cttcgtaata gaagagacat ttggctataa gcctgtgctt 60
 gtttgagagag atcgtcataa atgattaaag tgtgacgttc atggtacata aaatattcaa 120
 ccagagctac tcctgtctaa ggggcgaagt attataatgt agttggagaa tccactgttt 180
 cagctactac aatagtgtat tccattgctc ctcttttttg taaggatttc accacttgag 240
 ccacaaaaga tgctttttga ccaatagcta cataaatata tattacattt tgtccctgtt 300
 gactgagaat agtatctgtg gctactactg ttaacctgt ttgtctatct ccaataatta 360
 gttctcgttg gccacgtcct atggggatca tcgaatcaat aaaataagtc ctggttgaga 420
 agctcatata tggaacgtct cgaatan 447

<210> 2149
 <211> 273
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2149

catggggaat gcagcaatag gtggtgttat tccgtgttaa aatcggaaga tgcttcatta 60
 ctcaagctaa actttgagcc attgtgcttg gcattcaagt tgaaatatcc agaggcttta 120
 ctgagttatt agtggaaatgt gattcaaagt ttgctatttc tctcattoga gatggttgtc 180
 cttctacaca cttatgttat caggggggtg caataatcaa tatattcgtg aatgatggcg 240
 gagtnttccc tcgatccctt ttttagtcag gca 273

<210> 2150
 <211> 457
 <212> DNA
 <213> Glycine max

<400> 2150

ctcagcttct tatccagget catcttgggtg gtgaagctcc ttcttctatg gcttattctc 60
 tagtggatgg cacctcctct cacctcttct catttgtctt ccgctgcac tccatgggtg 120
 aaaatcacca ttaaaggacc taattgaagc tcaaagatcc agcctccata gaagccacac 180
 aagcaagctt ccatcaagtg gtaatcagag cacaagagct tcaagtaggt gctccttaaa 240
 cctccattaa tttttttgct ttaccttctc ttccattggt gtttcttcat ttttcacat 300
 gtatctctc acatatcttg tgctaaatgt tgtaacatg attctttaga gtttccaccg 360
 attaaacttg ctatagaagc tagatttgat tttctatggt tcaaatttct tgttcttggt 420
 cttgaaccat gaattgtggt gagtttaggt tcctttg 457

<210> 2151
 <211> 241
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2151

atgaattcca cccctacaa ccacaattcc agcatgaatg gtggaccttg catgtggaca 60
 actcctctaa tcaacatgga agtggagcta ggataatttt gaagggaccc aaccacataa 120

ctttaggata atcactacac tttgattntc aaagccagat gtaatcaggt caaatacaaa 180
gctcacctag aaagcttaag attggctaaa gaagttggag gtcgtanggt taactaccaa 240
a 241

<210> 2152
<211> 453
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2152

ntgcgagatt cctcacggaa aacgttacgg aaacgtttct gaagcgcctc ggcttagatt 60
ttcttcacgg aaacaatttt tccaagcaaa ttcgaaagag agagaagtgc ctaaggggct 120
ggaccctttt cttcttcact tcttccccta tttatagcaa aataggggag gtggttgccg 180
cccagctcgc ccaggcgagc tcagctcgcc caggcgagca gggttgcttc ctccagaagc 240
aaccgccttc tggaggaatc ttctggaggg cccaaatggg cctgggtgct atttgcaccc 300
ccatttttac taagtacacc cccctctgct attttttggg gattcttttt tcgtaaagtt 360
acggaaactt acgaatttcg taacgatact tgttttcttt ccgtaatggt acggaacctt 420
gcggattaca taatcatccc ctttntgact tac 453

<210> 2153
<211> 418
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2153

gattacatag agggtttcag ggacttagct ttgatttaca ttntgaattt catccaaatt 60
tttgacaagt cattgttact tccatcaata ttgatattgg atcatgctta attatatgcg 120
tttgcttatt ctgatcattg tgtgttgggt gattatttct tccatgcagg tacatgattc 180
ctatttgttg tgagagtga atgatgggca gcagcaccaa ctgaggtgag tgtatatttc 240
cttttttttt tgtctttatc tttgctagtt tgctatatat tttttatttt atatgtttga 300
gttttaaatg tgtaaaaaat agaaatagaa aggtttgcta tcattctttg aatgccatca 360
tctaccttta atgattgaca tctaaattgg tccctgttta atcgaattaa ttagttat 418

<210> 2154
 <211> 455
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2154

ngtctctaca gaagaaagaa acaaaaataa gagtagattc attgtagata attctttgca 60
 gtgatcaaga ataattatga accaaccaat caatcaacaa gcataaattg aaaattggtc 120
 ccacattcta aaaatgggtca tctcagtgct tcaaaaaaat ttctcaaaag aaatagaaag 180
 tacaaaatca tacataaaag cttagaagca aagtttgagg gttttatctt acttttgata 240
 tcctgtgtcc acacctttgc tggggatgaa ccaatttctt catctcccag agtggttattc 300
 caattggcac tttctttctt caaatgacca agctcgctca acaaatttc aacattgatg 360
 taatggcatt ccctccgagt cttccagaaa aggagttcca caaacaagag ggggtgcttt 420
 ttcattntct ttagcatctt tctgaccaa caagt 455

<210> 2155
 <211> 446
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2155

gcttctgtca gcccagcttt gcctcttggt attgttacga ttgctgagat gtgtgcgtca 60
 cgtatcaaac aaatccatgg aactgatca cttgatttgc cactaatttt gaaagaaggt 120
 cgtcatgact cattcattct tcacgaaacc acctccttca gccacctggc agtttatcat 180
 caactgtggg ggtcccgtc ttcaattttt aagggtgtcaa atgctgatca aacatcacac 240
 taattaatta attactactc gagtcgattg ctataacctt attggcggtg tttaaagtgt 300
 ggaagcaagg gtattgaaac ttgattcatt tatatcctca acaaataaac ttcccatcaa 360
 attaaaaaga anataatata ttttacacca aanaagaaaa ggaagggaca acgtatgagt 420
 ttgagcagta tcatcaattt cattca 446

<210> 2156
 <211> 473

<212> DNA
<213> Glycine max

<400> 2156

cggacctatg atactcagct tgattaatat gctaattgaa atagtgtggt tataagttat 60
tattcaattt tttttctatt aatttcaaaa agtggcattt ttttaccatc aaactaatat 120
cttcatttaa ctttcttttt tttatgaaat atactttaca taataataat aatgaaggtc 180
gattgtatta tctaaagaga ttgtttgggt gaaaaaagaa gataataatt atgtttttac 240
attttcaaaa acataaatat ccagggaata gtttatttat ttatttattt attaaaaacc 300
taaaataaca ataatgagat gaaaactggc ttcataattg gctataagta tgtggcagca 360
gcagaggcaa taaagttagg aaagcccttg gacccttcct gcttcctggt tggaatttgg 420
ataccttact cggccgacag tggatttcat ttattactcg atagaattat tat 473

<210> 2157
<211> 402
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2157

catgcaagct tgagagctat tcttcgagga ggctngatta aagataaggt ataaataggg 60
agggcagtga ggacagaatt gatgagagta acctttccag ccatggataa nattttctgg 120
ttccatttag acaatttata ttcataattc ctgatcagcg gttcccacac catgctgttg 180
gtggactttt cccaatggg aatgccaga taatagaaag gaatctccat atgtctatag 240
ttcaaaaatt ctgctgctc atgaatccag ttgacctcag ctccaaagat cccaacttga 300
ctttttgcaa agttaatctt caatctagat gccaatcag aaccctcag catagacttc 360
aaagcaataa cattatccca tgaaacatgc cccacaaata ct 402

<210> 2158
<211> 411
<212> DNA
<213> Glycine max

<400> 2158

catgtgtggc ctcatgagt gcttgcgcaa tagccttggc ttgattcttg ttgatgctgt 60

cctaattcac aagcatat ttt ggaaatgaac tatgcaatat tgatcttata aacttctagc 120
 caaatggact taccttgaat taaattcttt gatagcccct ttgagcctat gctccccctt 180
 ctttgttctg aagctcatta caagccttca gtgaaaaacc atgatatcac cttaccctta 240
 aagaactttg gagctttgga attatcttgg gaactagatg ggactaagtg cggcggaggg 300
 tatgtttcat tgcaagatat acaatgtggc catgcttaac gttatatttt ggccatgctt 360
 gatgtactat gatatcgact agatcttgct ttaatcgta atggacgact g 411

<210> 2159
 <211> 361
 <212> DNA
 <213> Glycine max

<400> 2159

aaagccatat cttgaggatc ataaaaaag actttaccta gcttattttc aattggcaaa 60
 tatgactatg ctctattcac ttatat tcca gaattctctt tcgaaaaaaa aaaaatgata 120
 gtgaaatcac gaaatactaa catgaagaga taatgtagaa gtaattttgc tcaatttctt 180
 atcatatact tacgaattcg gaaacagtct tgttgcatat gcacgggtaa aggttatgta 240
 caatgaacct cctccatacc tttgcatata ccagttttat accaattgat tttgcatgaa 300
 cggatttcat ccattagtta attacccaac tatgggctat atatgaaata tgtgaaaagc 360
 t 361

<210> 2160
 <211> 429
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2160

tatctgccaa tccttgtggn gggactctac tgctctttt atattgttcc ctgagtcac 60
 acatctggtg gtttgc tttg catgtggaac aactcagttt ttgaggtgga taggagggcg 120
 aaaggtacaa atttcttaat gcttgatggg aggtgggcta aggataatca gacgctgtac 180
 attgttaatg tatacgcccc ttgtgacctt gctgggaaga gagttatgtg ggaagaattg 240
 aggcagttaa aggtttctaa ccctgatgga ctatggcgct tccttgagaga tttcaacagc 300
 atcacatgtc acgaagaagg aattgggtca tcccaaagga atgctgacac ctatgacatc 360

tctgctttca atgactggat atctgacata tagcttcaag aaattaaatg ctttggtagc 420
aggtttact 429

<210> 2161
<211> 402
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2161

agctngngcg ttgacttata aactaanatt ttaggcttga atattngngc attagcataa 60
gactgaaact agtatagtca taaacatgta ccacatggaa ggttatcttc aagtttactt 120
actactatct tcgaagtcta ttgaagcctt agccaactta gttgcccaca aggctaaagc 180
cataatagta gatactagtc aacgtgatca ttgaccttgc catctcctcc accagaaggg 240
tgtcctagct ccctgtgaat gaggagggtg aagagtatca agcattgttt ccttctcttt 300
tgggggtcaat ggaacacctc taacaagggg taaagccatg atatggacat tagtcttttg 360
tttatgctg ttgtaagccc atactcctgc agctgacctg ca 402

<210> 2162
<211> 446
<212> DNA
<213> Glycine max

<400> 2162

tgaactctag tgtgtgtgtg tgatgtgtgc aaggtttcca tcttgtaaga gttatgtaca 60
cttaggggtgc gtttgacctt ttcaactctc ccttctcttt ttttttttat tgtattgctt 120
tggaatgtgt aaaacctccg tccagtcagt ctgaaacggg tttccaaaca cacacttatc 180
cactaacaag tgatatagtt tcttgagtgt aagtctaatt tagttaatac agatcaaatt 240
tcattttctt ccattatata gtttcaaac aattgtgttg acgtacacac ttgaatccaa 300
aaacaattgt attgacgcat tcttacgtgt atctttgaaa gggaaataaa gagatccgtc 360
aacactgagg acgcgttcgg caacggagat atctttttat atttgaaaaa taccatttgt 420
gagacagtct atctatcgga atcttg 446

<210> 2163

<211> 378
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2163

```
agctntaaag gaaatctata ttngnctctt gtcctatntt ccttgcaatg gaattttgtt 60
ggattgctgc tcaactccttt gagtattttg caattgggat ctctatttag atattttctg 120
agagaagagg tcaatggaag gcagcagctc aatcccagga atttattcga acactacagc 180
gttattataa caacacatat ttagatgggtg ataagcaaaa agcaattaac ttgtaagtca 240
aataagccaa ttttttattt gtatttacia ctgttttcat atgtaatatg gtttacagca 300
aacacaagtt atgtatatat gtgattgcat tataatgatt tactaattgg tgggtctgat 360
tttgtttggt tcacactc 378
```

<210> 2164
 <211> 438
 <212> DNA
 <213> Glycine max

<400> 2164

```
tcaacgcaga taatcacttc ctaacattac gcagggttat acttatattg gcttcaaaat 60
catcaactta tcatttaaca ataactaatg ttttgcatta aagaaatgca cactgcacaa 120
tatcatcggg atttcagaga aatgggtgaac aacaaggaat gacttaacca aattatagtg 180
atataggaat atctctaact tgcatttaca aaccctatag atactcacta tattaaccta 240
tacattatct gcatggatag gcagtctgcg cctgttcatg aaagtttaca aataaaaaag 300
accatcaact gatccaatat atgtcatttg atgatagacc atctgggttat aataattcta 360
tttgacaaca aaatactaca tattaaccat aggttacaca aactaacact agcacaaaat 420
aagcttaaat ttcaaagt 438
```

<210> 2165
 <211> 428
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2165

agcttgtgtg atgaatataa acgaactaga tacaaccccc atatgtttga ctntcttctt 60
tcgtggatca agatgacacc accatattac ggtcttgcta ggcctgtcga gatntatcaa 120
gtgttgtcca attttgatgt ccagtcggag gattntaagg agactttacc tgctgccaag 180
tcacctatga ccgtgctcac ggtaactcgc actttcccat tagggactag atgtcctcta 240
gtgctagaga ttgctgtgaa acaggggtaca tcgtctgaag tagggattcg agcttattat 300
ttgaaggacc aaaaggatcc agagctgatg gaggaggaca cagaggagac tcctaacggc 360
gatcttgcta ggagttcagt gtagtttgat tgtttgagtt tgatgggtta gacagtgcgg 420
tacaatgg 428

<210> 2166
<211> 456
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2166

tgtaggatta tggggtaccc atcacatgtg gtactaggtg tcggtcgggc gatggtgcac 60
aacaagtttt ccaaatccac aatgcgcgca taaacccacc atcccctgta gccacacctc 120
aactgagctc acgtactccc acgtagccca tctctcggtt tctctcaaca ccgggtcccc 180
atcaatcctc ccaaacttcc ccaacatcaa agcaatacaa cattcaaaca gcaaaaacta 240
tcacagccaa gaaaacagag caaaggcaga aaactctgcc aaaacaccaa ccaaatcac 300
agcttttctc acttaaagac cccagtaaca attccttcgt tccaattcgt taaccgttgg 360
atcgactcca aatttttact ggaagtctct agtacataag cctacattnt gaccgttggg 420
atctactagc aaacatccag aactcattct gcactg 456

<210> 2167
<211> 420
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2167

agctntgacc aaacccagc agcagttggt ttcttagaga cttgcctcag caccttgtct 60
ctgagattaa ggataattgc attgtgttcc ttctgcaata gtgctttctt atccccatca 120

gccatcatct tttcgagttt ggcttctcca tcaagtgcct ccaccaggcc ctgctgaaca 180
 agaaaagctc tcattcttcaa tcgccataac ccanaatcat tttgccctgt gaatttttca 240
 acctcatact tggccgagcc catttcttga atcgaactca aaatcgatcc acactcaccg 300
 caccaatttg ttgtgccaaag atcagatttt acttcacaaa agaattgagtt tcttgtatga 360
 acaagaataa gcaaaatgca gaaaaatgaa ccataaactg cacagaactc acaacagtca 420

<210> 2168
 <211> 397
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2168

tgctcaagat tccttattga atttgcaagt tttttgacca atgaatattt tgaaagttat 60
 aagacaattt ggttttgaga ggataagaca atgttggtca gaaaaactct aaggaatttc 120
 gtgtcccaag tcacctattt ataggccttt gatggtcatt caaaagctnt ctgaacagtt 180
 gtgactcttg ggagttattt ttgaaaattc cttactggta atcgattaca taactgttgt 240
 aatcgattac acagttagtt tttgaagagt tgtgactctt caaacttgaa atttgaattt 300
 ttatgtctgg taatcgatta cacaaatggg gtaatcgatt acaggctttt aaaatttaaa 360
 tttaaatttc taanagttgg tacaaatagt tttaaact 397

<210> 2169
 <211> 420
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2169

agcttatcat taanataaat ctaaattggnt gatgatgcca tgatctatat ctttcaattt 60
 ttgtatgatt acttctatga tatgtctaaa aagatttgat tgattgctca tgattttcaa 120
 aactattata ttctattttc aaataaaaatt attttgatat attaaaactt tctatgttaa 180
 acaaaaattc atcttggtaa gtgttgatat tttttttaca cttagttttt agaaaaaagt 240
 gtctagtaat cgattacctt cacatgtaat cgatacaggc agttagggtta agtghtaatcg 300
 attacaacat tccttgaatc gattacagag tgtctgtgtc tataaatcaa aatttcagaa 360

attgcgagaa cgcgatttct ccacaacacg accctaaaat tctaaactta gaactcgatt 420

<210> 2170

<211> 440

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2170

ctntagggtt tccaaactgt gttgtcactg caattatggt cagattagct tcatttattt 60

ataatttttc atttcaaatt tacaattgtg accactattt aattttctcaa ttggagtgac 120

tattttaaatt tttctagtaa agatattcgt gatctcatgc atcatgattg gaacatcttc 180

ttccagcata tttatagaaa aagaaatcag tgcgttggtt ggcttgctaa acatgaagcc 240

acatctaattg atagtttcaa gtttttgagt gtttgaactt cccctcttgc ctccgtgtgt 300

ttggtagatg ctacgagggt ctttaagttt tctgtttctg ttttgtttcc tcctttccta 360

tgtgtatata taaaaaaaaa gttgttggag ggactatagt ttcagcactt ctcaattttt 420

aaactataag ttttgaactt 440

<210> 2171

<211> 421

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2171

agctntanac aagaatatat aacaagacat tatgaacaac tgtggcagtg aacttcccgt 60

ttacatgatg ataaaagtat tgaagagaaa ataagacaaa aattcgaaga caataaacag 120

gtaataatga actaaccaaa atgaaaaaaaa aaaaatgatg aatgaacaaa atagagagct 180

gaggttgggc ttcggggcct tgcagatgca aagaagatgg tgctaagcca gcagctgagt 240

ctgtgatttg gttaacgaga tggtagtata catggggaat aggttgcagtg atcagtgact 300

gagaggggca gactcgagat ttaatgattc gggccaaata tgaaaattaa aatttattta 360

ataaatatat taattagcat cagaattcat atattatgta ttttaattatg tgttcttcaa 420

a 421

<210> 2172

<211> 436
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2172

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ntactttgtg ctgcatcgct acatgaatac tttatgtttg ataacaatat atacatttca 60
atgtattaaa aaatattgct tatgtttctc acctacacat atcgccctct attggttaca 120
ggtaatacta tttgagaggc attggaaggt aacgcacatt tctctgggtg ttgcttcagt 180
gaagatacat tcatacagtt tttaagctag catcacgcga ctacggggtt gtatgttggc 240
attttactta attggatatt agaatttgtt taatatatga attatgatta ttatcaaatt 300
gtatgcatta tgagtgaacc tagcttcctg tttgagggtc aatatagtga gtaatatgga 360
caagttgcga taatcattgt ttcgatattg aatttccatt ggacaggttg gaacacttat 420
tttttactta ttctag 436
```

<210> 2173
 <211> 397
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2173

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gaagctctaa tatcttcac actttttggt gtgggccatt cttggatggc cttgattttc 60
tcagggtcca cttggacccc atttctacca actaccaaac ctaaaaaac tatattatct 120
acacaaaagg tacacttctc tatatttgca taaaagggtg ttttctaag gactgaaaga 180
acttgtctga gatggtctaa gtgatcatct agcctctac tataactaa aatatcatca 240
aaataaacia ctacaaatct acctatgaaa tcccttaaga catgatgcat aagcctcata 300
aagggtcttg gtgcattagt gagcccaaaa ggcatcacta gccattcata caaaccaaac 360
ttggtcttga aagcagnttt ccactcatca ccctttt 397
```

<210> 2174
 <211> 415
 <212> DNA
 <213> Glycine max

<400> 2174

ggctgtccg atgcagcagt aatgatggcc cgagttatgt ttgttaacgg ttacgaaccc 60
 ggaatgggtt taggcaaaga caacagcggc ataactagct tgataaatgc ctaaggaaat 120
 cgtgggaagt atggtttatg ctataaaccc actcagggcg atataaagag aagcatcgcg 180
 gaaagaaaga gcggtggtca aagctcgcg ttgaggcaag aaagggaaag aagcccggcc 240
 tgccacatga gtagaagctt tgtagcacg ggtctgggag acgaaggcca actggctcgcg 300
 atatacgaag atgaggatcc gagtacattg gatgtgagac aaccatgccc tgctgaattc 360
 tagctgggaa aatggcgagt ggaggaacgc ccctgcgtct acgcaacgag cataa 415

<210> 2175
 <211> 394
 <212> DNA
 <213> Glycine max

<400> 2175
 ttaattgggc accttaaaat tggaggctta aggttggaaat ccaaggagaa gatgatgaga 60
 ggactaccct ttattaaccc ccgtgaataa ctttgggaag gatggttact tggaaagcaa 120
 tttaaaatga ggttttccaa ggaagcaaac ttatgagcta agaagccacc cgagctaata 180
 catgctgaca tctggggggc aatcaagcca agctcactag gtaaaaaata ctatttcctt 240
 cttttcattg atgatttttc aagaaaaaca tgggtttatt tcttaaagca aaaattaaaa 300
 gtcttttctt gcttcaagaa gttcaaagct gcagtggaga aagaaaatga tcaagatatc 360
 aaagccatga ggactgatcg aggaggataa ttca 394

<210> 2176
 <211> 453
 <212> DNA
 <213> Glycine max

<400> 2176
 tcggaagaaa gtgatgaggt acaagcccta aaggcagagc ttgttagagt ccgagtagtc 60
 gaagagaagt tcaagtccat agccatcaaa agtctgaaaa gagtatgatg aactaaggga 120
 cgtcaatatg gccaccgctg atgccttggg acgagaaacc aagaaggccc aaaaggaaga 180
 acacgtgccg gcaaagtttt gaggggcttt atagggcagc aatagtaagc tcaagctccg 240
 aagaggtgaa aggaatcatc acgggtcaaa ggcattgatct tgaaggacga gctaaaggct 300

taccttatgt cgaaaagaaa tttgtcccaa cagttaagcg agactgaagg gaatatgtgg 360
gccgtcatcg atgagtgcaa agagaagcta aatctagcgg cgactcacga gcaaaggcta 420
gaggatgagt acgccaagat atcagcagaa agc 453

<210> 2177
<211> 369
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2177

agctttcttat ccaaggctta tcttgngngn gaagctcctt cttcgatggc ttattcccta 60
gnggatgacg cctcctctca cctcttctcc tttggcttct gctatatctc catggtggaa 120
aatcaccatt aaaggacttt attgaagttc aaagatccaa cctccataga agctccacaa 180
gcaagcttcc atcaggaggt acgctagga agttactttg tttgtgggct ggtttaggcc 240
taacaatatt aatgtctgaa gcagtaagcg agtgtgtgat tctgtccacg aaactgaacg 300
gccaaggaga ggagtgggtg tgtgaccgc atcgtggagc aatcaaggga ggtgttaaag 360
acggtggcg 369

<210> 2178
<211> 370
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2178

tcttgctag ccgctcttgg gctcagaaat ctanaaaca atccctctta ttactagctt 60
ttttgaattc tttagttcct gaatgtacaa ccttcaaatt gttgttcatt gtaaacagca 120
caaagtggac cttgtctgtc tccaagaaac caaaaggag aaatttaata aaagtatttg 180
ccaggccatt tggggggact cgactgccca ttaggattat gttctttctg tgcaggctgc 240
tggtggccta ttatgtttgt ggaataactc catttttgag gtggatagga gagagaaagg 300
tagaagtttt ttaatgcttg aaaggacatg tattagtaat aatcagagga tgatgattgg 360
caatggctat 370

<210> 2179

<211> 370
 <212> DNA
 <213> Glycine max

<400> 2179

atttgacaga gcaacgccac aactggatc tcctataaga ctgaaaagca tgagggacac 60
 ctgagataat catgcattat aaatgaaaca gcttacacag aatcacattg aagcctaaat 120
 tttatctcac atcaatatat tttcgcatg cgaacggcat gttactgagg aaatctcatt 180
 gtcttgcaaa tctacaagct gcaatcgggg acaaatgttg tcaccaagt ccaaagcaat 240
 gtacaatgca ttgcttcgga gtttcctgtc gaaatatgaa aactatgacg actatcattc 300
 tattgctcga taactactta tgatcaccaa aaagatacgg acttacacct gctggatttg 360
 aggaatgcca 370

<210> 2180
 <211> 447
 <212> DNA
 <213> Glycine max

<400> 2180

tgccaccag ctgcccagg tgagctaggt tgcttctctt agaagcaacc gccttctaga 60
 ggaatattct ggaaggccca agtgggcctg gttgctattt gaaccccat tttactaaa 120
 tacacctctt gctctttttt ggtgattctt ttaccgtaac gttatgaaat tttacaaatt 180
 tcgtaacgat gcttgttttc tttccgtaat gttacgaaac cttacggatt acgtaatcat 240
 cccttttttt ccttcgggaa cgttacgaaa ctttacggat tgcgcactaa cacttctctt 300
 tcaatttccg gcatgtcacg gaacttcacg gattgtgcta caatgccttc ttttgacttc 360
 cgggatgtca cggaacttca cgaattgcct aacgatgggt ggtcaaacga gggtcgcac 420
 ccaacaacgg atggtccccg gacaaaa 447

<210> 2181
 <211> 424
 <212> DNA
 <213> Glycine max

<400> 2181

agctttgctg atatggtctt cgccggcaaa atgatcgaag tgggcttgca aagaagcaaa 60

tttggtcac ctgctccgat aaaaactggg gcaaataag aggatgagaa tgagggagaa 120
 acccatgctg tgacagccat tcctatatgg ccaagtttcc caccagccca acaatgtcat 180
 tactcagcca ataacaaacc ttctccttac ccaccactca gttatccaca aaggccatcc 240
 ctaaataaac cacaaagccc acctaccgca cttccaatga cgaacaccac ctttagcaca 300
 aacaaaaaca ccaaccaaga aatgatattt gcagcgaaaa agcctgcaga attcaccaca 360
 attccgggtg cctatgctga cttgctccca tatctacttg ataatgcaat ggtagctata 420
 accc 424

<210> 2182
 <211> 446
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2182

tagtanagct aagcactaac aatctctctc tttggcaaat tntgtctaaa acatacttag 60
 acacttcttg agcaggtacg agcagttatg caagtgggat cagcaacttt cattatcaga 120
 gtaatcaagc acagcgggat ctgtagtggc gacagcaaaa ttctgcaagt tgcaagtcgt 180
 ttcccggatg tcaagacatc tcacgtgaca tcagctttct gctccccctg tctccatgct 240
 cttactgctg tgaagcagtt cactgcagca tcttctatca gctactagtc ttttccagga 300
 tgtcaagaca tctcatgtga catcagcttt ttgctcccc tgtctccatg ctcgtactgc 360
 atcttctatc agctactagt ttcagtagct tacatcaatc atcatcagca gcagcagtct 420
 gccctagaa tcatatacat acaact 446

<210> 2183
 <211> 229
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2183

tccgtactgt ctcatgcatt aattcacttg tgtcataaga tttgtggtgt taatattaaa 60
 atcttttggg gtgggaagtg gagaaaggac aaaacaacta ggtttccctt tccttttctg 120
 cattggagtg agaggtgctg actctccan aatagaacag tagagctttc catttttact 180

gttggtggca attgccagct tttccgtaac ttttttcccc ctcgacatc

229

<210> 2184

<211> 448

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2184

tgtaattggc atcgtnagct ttgatattnt aaaaaattgt ttatatctgt tgtacgtgcc 60

ctttcttacc tgcaatcaac aatttgtttt gtgaaatatt atcacattct gcctcaattg 120

tgattttcct ctgcttatct caaaattagg aggcaaacca ttattgaata tagtgtgacc 180

tcaaaaatca ctgcaaaatt atgatatttc tgcgctgatt gagaagctga gctaaatata 240

cactgattag ttgcaaatat aagatttaaa gttcgttcaa ttacaaacaa aatgcatcat 300

tgtgtcaaat gaattggatc tctctcttgc aaattaatta tctgtatttt ttatttttct 360

tcttaatagt attgcagggc tcttcaggat gggacaagaa ttggagtttg atctgaatga 420

caagtcttcc gtgggtctca gttccgat 448

<210> 2185

<211> 433

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2185

agcttgtgca natcanatca ctctacgtt ttatctctag catgcatnt ctttctttct 60

ttaccactc ctacgtttg gttttttaag gaaaaacacc ataactaac gcgccacaag 120

gcatccctat cgcaccagat ccaaacttag aacgatgggt gatcaagagg agacacagga 180

acagatgaaa gccgacatgt cggctctgaa agaacaaatg gcctccatga tggaggccat 240

gttaggaatg aggcagctca tggaaaagaa tacggccacc gctgcgcgt tcagttcggc 300

tgccgaagca gacccaactc tcttggaac tgcgcaccat cctccctcan acatagtang 360

acggngaagg gacacgctgg ggcagatgg caaccctcac ctgggataca accgagcggc 420

ttacccttat gga 433

<210> 2186

<211> 449
 <212> DNA
 <213> Glycine max

<400> 2186

tgtcagttat aataataccg tgttgagaca tcaagacaaa caatatacca taataacaag 60
 gttttttttc caaacatcag tcacttggag gatatttcta gtgcaatcaa ataggggtcaa 120
 aagtcacaac aacaataatc tctcaaccaa aacatcaaga taaaacaata ggataatgca 180
 taataatttt aagataaaag cttctcataa actagatact taagtcaaga gtggatcccg 240
 tcatgcagta tgtagtaa at tccaattaac actaggtgga tttattaaac atcatcatac 300
 attctgttta aaagccacct aagtactttc ttccagaaga tgagtcttca aagttggcaa 360
 tctactggg acaaaaaaga caaacgatg cctcaaaagg acatatctat taatttccac 420
 ctctctctaa catatgaaga ggggaagga 449

<210> 2187
 <211> 417
 <212> DNA
 <213> Glycine max

<400> 2187

agcttgtggt tgttccttaa gtttcagagt atacattttt tttcttcctt agttaagtaa 60
 ttaggaaaat tttattagta ggagtattag tagtacaact atgatggaat agaattcatg 120
 gccagcgagt tcccacctta atctgttgga taactgaagc tagttatggt cacaaaagct 180
 tcaatctaag aagaccatat tatcccgcta aaatggccca ttaagtgtga ttggaaacat 240
 aggcacatgc aaatttcatg tgtttttagtt aacaacaact tagttatctt tagtcttgtc 300
 taagcaatat gacagaaaca tgagtgtcta aagaagatcc aagcccatat aaccttgaag 360
 ttttagagaa taataaagaa tgagagagtt atatggcttt taaaaattgt gaaagga 417

<210> 2188
 <211> 439
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2188

tgtgtgaatc anatcactcc tgcattntat ctctagcatg cattcattct tctttaccta 60

ctcctcacgt ttggtttttt aggaaaaaca ccataactaa acgcgctaca aggcacccct 120
atcgcaccag atccaaatct agaacgatgg gtgatcaaga ggagacacag gaacagatga 180
aagccgacat gtcggctctg aaagaacaaa tggcttccat gatggaggcc atgttaggaa 240
tgaggcagct catggagaaa aacgtggccg ccgctgtcag ttcgactgcc gaagcagacc 300
caactctctt ggctaccgcg cgccatcctc cctcaaacac agtaggacgg ngaaggtaca 360
cgctggggca cgacggcaac cctcatctgg gatacaaccg aacggcttac ctttatggat 420
tgcacctaata tactcacca 439

<210> 2189
<211> 413
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2189

agcttatcaa atatgatttt gggcccaata atatctggtg gcccaattac aaaaatacaa 60
cccaaaaacg aaataaaata aaactggacg acaataaaaa ttgtctgctc tcttcaagtc 120
caagccggtt cagcccaatt gcttgtaatt ctctgaaat taaattaaaa cacagaatta 180
gtcaagtagg cccaaatgat aaaactgcat aatttatttg acaattaagg ctaatcagta 240
attaaaatgg tgacagaaag gggtaagaaa taggagaaaa taatgacaca tcagagagca 300
ggcaciaaaga tttggttagt aacttaaacy agcgataact ccctatccnc tcatgtctta 360
accaagttac tatcggttcc cctccttttt actctttaca acaactctgt aca 413

<210> 2190
<211> 397
<212> DNA
<213> Glycine max

<400> 2190

tccttgagaa gattccttga gaagattcct aaagaagcta gagcttagct acatacacct 60
ctctaataagg aaagctcacc ttcttgagat gagaagctag agcttagcta cccccctat 120
aatagctaag ctaccccta tcccaaaaat acatgaaaat acaaaaaaaa agtccctact 180
acaaagacta ctcaaatgc cctgaaatac aaggctaaaa ctctatacta ctagaatggc 240

caaaatacaa ggcccgaag aaggaaaaac ctattcta atgtacaaag ataagcaggc 300
tcatacttag ctcatgggct cgaaatctat cctaaggcta atgagaaccc tagggccttc 360
ccttgatct ctggccaat ctacttgag tcttcta 397

<210> 2191
<211> 425
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2191

agctntgagc caaaatccta tctcaccata ttaaagagaa ggaaatttcc aatcatagag 60
aaagcaaaaa aaaaaaaaaag agaaggaaaa ttccaatca aaggaaaaag gagaggaaaag 120
gaaattccca atcaagagt gggagaaaga aaaaaaaaaag aaagaaaatt cccaacaaaa 180
gaatgggaga aagtaaaaaa aaaagaaagc tcttggtcaa agaaaccaga aaaaatgtgc 240
agagaggtct ttggaccaga caatatctga acaatacaga attgtcacca aatgaacaaa 300
agaaagaaaa ggaaaccata acctaaaagt ggtcttctcc ctttgattac cagccaaaat 360
cctgtgcgtc ggtgacttgc tcgcctcgcg tcaaacaaaa acagaaaagg aaaagctcaa 420
acaca 425

<210> 2192
<211> 421
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2192

ntgatattgg taagtaaag cctcanaact tctattatat ttctgtttc tgaagtacgt 60
tntttctcac taacatctct tttataaca ttaatctctt taatcctctc attgtacta 120
attactttat cttacatctt tcttctttt cttctcatct cttttctat taaaaagtt 180
gcccgatctt gttatataaa tgcaatttct cttttcattn taccaaactc tatataaaga 240
tattttatct gtttcaccag gacatatttg ctgctggaac tgatacttca gcatcaacac 300
tagagtgggc tatggcagaa atgatgagaa atccaagagt gagggagaaa gcacaagctg 360
aattgagaca agctcttcga gaaaaggaaa taattcatga aagtgatcta gagcaactta 420

<210> 2193
 <211> 411
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2193

agcttganga ttatgngta cccatcatat gtggtactag gtggcggncg ggcgatggtg 60
 cacaacaagt tttccacatc cacaagcgc acataaaccc accatccctt gttgcccacc 120
 tccaactgag ctcacgtact cccacgtagc ccataacctc gtttctctca acaccgggtc 180
 cccatcaatc ctcccaagct tccccaacat caaagtaata caacattcaa acagcacaag 240
 ctatcacagc caagcaaac agggaagc cagaaaactc tgcccaaac accaaccaaa 300
 atcacagctt ttcacatata aataccccag aaacatttcc ttcgttctca ttcgttaacc 360
 gttggatcaa ctcgaaattt tactggaagt ctctagtaca taattctaca t 411

<210> 2194
 <211> 437
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2194

tcaacatcag accacttcca ggggtgctgga tctacttcac atggacttga tggggcctat 60
 gcaagttgaa agccttgag gaaaaaggta tgcctatggt gttgtggatg atttctccag 120
 atttacctgn gtcaacttta tcagagagaa atcggacacc tttgaagtat tcaaggagtt 180
 gagtctaaga cttcaaagag aaaaagactg tgtcatcaag agaatacanga gtgaccatgg 240
 cagagagttt gaaaactgca agtttactga attctgcaca tctgaaggca tcatctatga 300
 gttctctgca gccattacac cacaacaaaa tggcatagtt gaaaggaaaa acaggacttt 360
 gcaagaagct gctatggtca tgcttcatgc caaagaactt tcctatgatc tctgggctga 420
 agccatgaac acagcat 437

<210> 2195
 <211> 442
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2195

agcttaggaa cccaagctct taacttcaat gcttggaagc atgacttatg cctaanaatc 60
taagttttgg ttntgaaagt ggaaaggcat gaaaattagg acatgcttga gaggggtttt 120
tactaaaatt tggctgcccc atgagggata ctttgcactc aggtagcatg gaaaatacct 180
ttcaatgtgt cataccctaa tttcgtccgg ngacctttgc ttgatgacat gcgacctttc 240
tttggtcctt gtgaggtgct tgacacccat cattaggcag tttgtgaaat tccaggacat 300
gtcggaaaat caaaaaaata ttgatgcaca atccgtaagt ttccgtgaca caccggaaat 360
caaatggaag catcgttgca taattaagt aggttccgta acattccgta agtcaaaaag 420
gggatggtta tgtaatccgc aa 442

<210> 2196

<211> 385

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2196

ggacccaagt gcactgtcac tgganagagg gttcatggtg tatgtatgcg atttccaata 60
aagatcttta taatgctgct tttgtatgtg agaagcaaaa gtacgcgtga gtgtgaatat 120
gattaccttg cgtgagaatt catcttaagg atacatgata gtagatataa taagaatgaa 180
gatgaggaag cataattaaa cgggattata gactcaaatg ctgaagtgtg cttatcattt 240
caaattatca atttccctta atgtgtctaa aaggctgagg caacaaatga agcaattttg 300
cgctctgaga cagtctgggtg tgtggntttc tattggatta tttctgcctt ttgtgtgcct 360
gtttttcttc tactggtgaa aatat 385

<210> 2197

<211> 371

<212> DNA

<213> Glycine max

<400> 2197

gctggaatca tttatcctat ctccgaccgc cgatgtgtga gtcccattct ttagtcttga 60

agaataccgg cctcgtagtg atgaacaatg agacggagga gctgattcct actctggtgc 120
agaacagttg gagagtctgc atcgactata ggaagctgta ccacgttacc acaaaggacc 180
atcttccccct atcattcatt gaccacatgc ttgaacgcct ggcaggaaaa tctcactact 240
gtttccttga tggatgttct ggtcatatgc agattactat tgctactgag gatcacgata 300
aaaccacatt cacctgcccc ttcagtactt ttgcctatat gaagatgcct ttccgactgc 360
gcaaaggccc t 371

<210> 2198
<211> 459
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2198

ctcgtacccg gtatcctcag agtcacctgc tgcattgcatt cttctgcatt caatttcgag 60
catctcaata tattacggga cttaatcgga catccgagtt aaaagttatt gttgtttgca 120
tttgctacga gcttccgttt tcaattacga gcgtctcgat atattacggg actcaatcca 180
acctccgagt taaaagttat tgtcatttga atttgctacg agcttccggt ntcaatttct 240
agtgtattga tatattacgg gacttgatcg aacattcgag ttaaaagtta ttgtcatttg 300
catttactca cagctttcgt tttcaatgac gagtgtttcg atatattacg ggactcatcc 360
gagttgaaag ttagtgtcat ttgaatttgc cagcagcttc tgttttcaat tntaagtttc 420
ttgatataatt tcgggactca atcggacatc cgagttaaa 459

<210> 2199
<211> 452
<212> DNA
<213> Glycine max

<400> 2199

tcattgcta acaagccaac ttacaacagc aagccccaag agactcagca taaggatgca 60
cagaccaaag ttgcgtatgt aaaaaaattg tatgaccaag tgaagggtgca aattgcaaag 120
aagaatgaaa gctatgccaa gcaagcccaa aagaaaagga aggaagtggg acttgaaccc 180
ggatgatgatc ttggacattt gaggacaaat gttttccaag aaggagggaa tgatgagaat 240
catgaaacag gccaaatata gtctaaaggc ccaagtggag aaggacgaag gcccaagtgg 300

agaaggacaa agcccccgag tggagaagga tgaaggccca agtggagaag gatgaaggcc 360
cataggcaga gacactatca agactattaa ttgatgctga aggccaagat taatttgaag 420
gcccataata aatatgttct atctagttat aa 452

<210> 2200
<211> 442
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2200

agcttgccctc anagagggtcc aggaaggaca agtcagccga aggaactagt tccgctccgg 60
agtatgatag tcaccgcttt aggagtgtg tacaccagca gcgcttcgag gccatcaagg 120
gatggtcgtt tcttcgggag cgacgcgtcc agctcagggg cgacgagtat actgatttcc 180
aggaggaaat atggcgccgg cggtgggcac cactgggttac tcctatggcc aagtttgatc 240
cagaaatagt ccttgagttt tatgccaatg cttggccaac agaggagggc gtgcgtgaca 300
tgagatcctg ggtaaggggt cagtggatcc cgtttgatgc cgacgctatc aaccaactcc 360
taggatatcc gttggtgttg gaagagggcc aggaatgtga gtatggccag aggaggaacc 420
ggtctgatgg gttcgtatgag ga 442

<210> 2201
<211> 395
<212> DNA
<213> Glycine max

<400> 2201

gctgtatgaa gcgacactga cctaggtccg cttatgataa ctattagttg gctgcggcat 60
tatcaataca aactggcgg ccgtgtctgt taagacgaaa gtgagccact tattcagatc 120
atatagaggc tgagacaatg attgcaccag cggatgacca cacggagtct accatactgt 180
atagcaatac aacttggcg ggcgtatacc tatgtggagt gacggatggc attctacacc 240
acacagcgga cattctgctt tatattgaac ttacccgaga ttatcctgga gtgtattttg 300
gataggactg aagagggatg tgatgagact tgtacagaag tgtgatatat gccaacgaca 360
taaataccgt cccactgctc ctgtgggttt actac 395

<210> 2202
 <211> 405
 <212> DNA
 <213> Glycine max

<400> 2202

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agcttggaag tgaacaacag aagctcacga gatactacaa tggtcataac atgtcacacg 60
aaagtccgat tcaggtgcat aatatatcga gacgctcgaa atagaacatc ggaagctctc 120
gagaaattcc aatgggtcata acttttcaca cggaagtcct attcaggcgc ataatatatc 180
gagaagctgg aaattgaaca acgaaagctc tcgagagact caaatgggtca taacttgtca 240
cacggacgtc cgattcaggc gcataatata tcgagacgct cgaaattgaa caacgtatgg 300
tgtcgagata ttcaaatggg cataacttgt cacacggaag ttcgattcag gcgcataata 360
tatcgagacg cttgaaatga acaacggaag ccttgagaaa ctcaa 405
```

<210> 2203
 <211> 454
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2203

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tganattgaa caacggaagc tctcgagaaa ttcaaatgat cataactttt caaacgaaag 60
tccgattcag gtgcataata tatcggaag cttgaaattg aacaacggaa gctcttgaga 120
aattcaaatg gtcataactt atcacacaaa agtccgattc aggcgcataa tatatctaga 180
cactcgaaat tgaacaacgg aagctctcga gaaattcaaa tgggtataac ttatcacacc 240
gaagtccgat tcaggcgcgt aatatatcga gacgctcgaa attgaacaac ggaagctctc 300
gagaaattca aatgggtcata acttatcaca cgagggtccg attccggcgc atagtatatc 360
gagacgctca taattgaaca acgaaagctc tcgagaaatt caaatgctca taacttatcc 420
cacggaaggt cgattcatgc gcatgatata tcta 454
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<210> 2204
 <211> 374
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 2204

atactgtgtc actttntgta ccattataca tgtattttct tggcagaact cacgtttgga 60
cactagtttt gtatttcaaa agcacaactc ctcaattaag tgaaaagagt ttaaaattgc 120
acaattttat gaagatttca agactctaca cttgatcacg aacttggtag aattaccaa 180
gctatggtaa tcaacatgac cacacttaga tgataacatc cctcctagaa caatgtcaaa 240
gatttgacaa tagtcgtggg atacttacca cgaccataat ggtcaagagc ttcaacatca 300
tttctaacca gtcatgggtg atttaccaca accgtagtgc gctattcatg caaatatctn 360
tagaaagcta tata 374

<210> 2205

<211> 426

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2205

agcttccatg tgcaggttac gccatattct cttatcttca ggtaacctaa tgectgttgg 60
tttgagtagg tcaactgggg tttcattttt gaatcagctt cctagtgatc caagtatgac 120
aacagacaac atatctggca agtatgatgt gaagaagaaa gaaaatatac caattacaat 180
tgcaggtgat attgatgggt gaatgcttga tggccacctt aatgccctg ttgggtgtttg 240
gcgcacatta ngagcttcaa aagttgtaaa accttcaaat tcacctaaca tggaagntgt 300
tccttccttt cctcataatt ctttcaatga agagggtatc ctttcttatg gtctaaggaa 360
accacttcag gagcttcttg atgggatagc attactcgtc caacaagcta tttcctttgt 420
tgatct 426

<210> 2206

<211> 364

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2206

tgtagaatgt ganataaata tatggagtct ctacggcttg tggaggagac tacagatttg 60
ggatatgaca gatattacaa ggacctgtaa ctcaacaat gggagaaaag atttcactgg 120

tttcctatatt gttgcaccac ttccccataa cccatctgaa acaatatggg gtggcgtagc 180
atgcaggcat accatgtacc tgtgcgtcgc ctcatccact gtcgtaattg aaaggaacat 240
agttccattt ggattcaaat tcattttgat caatctatat gagaggagta gtactcaata 300
atggcactta attaattgag ccaatgagag agtgtaattg aatatatatt tgtcacgaca 360
cgta 364

<210> 2207
<211> 367
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2207

agcttaggga tggaacactt acttggtggt gatgaacaaa agtgcaaaac ggaatcaaaa 60
aatgcnaaa aggatgaccc tagggctgca aactcgtcaa tcccgtgggt atggcttttg 120
aaagggggga aaagatagtt ttgaatgtaa aaacgcccc cctttcgtca ttcttataat 180
ttggtgcagg ggtggctcgc ccagctcgcc caggcgagct aacctgcaca cattnttttt 240
tttttttttg aggggaacat taaccatgtc ccctcccttc tcatggatta gcatcttgcc 300
taacttgaac ttacttaggt tagaattagg cgttgattac ttattcttac caatagtaaa 360
agaaagc 367

<210> 2208
<211> 392
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2208

ntcctctnta tttcgttcat tntcgatttc ttttcttccg tctttaacgc gcttttaccg 60
tttatttaag ccgttttctc acctaatataa tgataaaatg aatttcaacc gatcatttgt 120
gttgtaatct catttaatca cttttaaaat gaaatctaac cgatcgttca cgctataacc 180
tcggttaaac aaaaaaaagt aaaataataa taaaataatc aaaatatctt gaaaaataat 240
aataaaatga acaaaatatac tttgaataaa ataaaacaaa aaaatcaatc ggacgttttt 300
tctttggaag tttccttgaa tgaattgatt aataaccaa gtgaaactaa gactaanata 360

gactcacaaa tcaagttttg tccgaaaatc ac

392

<210> 2209

<211> 423

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2209

agctntntca tgttttagaga tntctagaga gagaaaggtc caagtttcaa agagtttcga 60
gagtgtttac tatgcaaaga ctggcagaga actgagagtg aagaggaagc catcctgaga 120
gcatgagatg agtctatgag tgattatgag tgattagagg tggaggagag atccccacta 180
cttgcatttc ttcaatcctt aatTTTTtctc ttctctttgt tggaaaggaa gcttcctaga 240
tatggagagc taaatcctct gttggttctt gcttgtaggt gcttgatgta aatacatgta 300
tatctattta atgatggttt atgtgttctc tgtgctatca gtatgtcatt caatattgga 360
aactggtctg attcttaaatt ctgatagga catgcgctag ttatcgtatt atcacgacgg 420
atc 423

<210> 2210

<211> 370

<212> DNA

<213> Glycine max

<400> 2210

tgaagggtgtg tagccccacca tcttttcata gtagaatact agtagtgtgt ctactattat 60
tgtcatcatt tttttctcog tcattgaggt gccacttgag ctgccaggtc tctccacctt 120
tgggcgatatt cttttgaaga attcgtgcc cctttttgca catgttttgt agttgcatcc 180
tatccgaagc cattataccg aactgccta acgaaggcaa ccattaggtc ctcccaggaa 240
tggactcgtg aaggttccaa gttagtgtac caggtaacaa ctaccccgat aagactttct 300
tggaaggaat gtatcaacaa ttctcatct tttgcgtatg ccccatctt ccgacaatac 360
atcttttagat 370

<210> 2211

<211> 372

<212> DNA

<213> Glycine max

<400> 2211

agcttattac ttttttataa tttataaatt gattcagata tacattaatc aaggttccaa 60
taaactaatt gcaaagtgcg aacagaatat tgcaggcaat atggccagggt ctcaagaattt 120
tggttaattta tgtaggcaaa gaaactaaaa gtgtaaccat aacctgtatt ttgactgaag 180
caccttgcac tcctccaagt gaatttcttt ttggttaaaa ctaaattctt ttgtagatat 240
aataatagac tcaccctccc agtgagtatc ttttcggttt atctgggttg ctgcttcttg 300
gctgcttcta gtaagggtaa caacgtctgg atcatcataa aataatctag gctgtcaaac 360
tatattacaa ca 372

<210> 2212

<211> 430

<212> DNA

<213> Glycine max

<400> 2212

ctacaatgga ttaggtatcc catttcaaca aaaaagattt acttaacaga ttaaattctg 60
caaaaatatt ttccaagttt gacatgaaat ccggattttt gcaaatccaa atacaagaat 120
cggataggta caaattgctt ttacaatacc ttttgggcaa tatgagtgga atgttatgcc 180
attcagtctg aagaacgccc cttcaacttt tcagaaaatt atgaatgata ttttcaatcc 240
ttattataat ttatcattgt ctacatgtgg aagcaatgcc ttccaagatt attttgatga 300
tgccaaagaa tcaagagtca tacaagtttc aagaatcaag atcaagattc aagattcaag 360
attcaagaat aatcatgatc aagattcaag attcaaataa agaatcaaaa ctcaagattc 420
aagaatcaag 430

<210> 2213

<211> 412

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2213

agcttcacca cgcttatgag ccttggataa taagcttgggaggatgctt caatggagga 60
gaagaaagag ggagagcaag agagagggggg gagcacgaaa ttaaggaag ataaagggag 120

agaagttgaa ctttgagttg tgtctcacia gactctcatt catcaaagnt acaacaagtg 180
 ttacacatgc ttctatntat agactaggta gcttccttga gaaaacttcc ttgagaaaact 240
 tctttgagaa aacttccttc ggaagctaga gcttagctac acacaccctt ctcataacta 300
 agctcacctc cttgagaagc ctccttgaga agattcctaa agaagctaga gcttagctac 360
 acacaccttt ctaatagcta agctcacctt cttgagatga gaagctagac ct 412

<210> 2214
 <211> 365
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2214

ntacaaagtt tacagtttga ggccacagac atatggttcc atatcagact tatgtagtca 60
 tgacaagaac cgaaagccta tagatcgaca tccctgtttt ctgcatctat gtactgtaca 120
 atcaccatct aacagactat cgctgatcta agattactcg accattgggtt gtagcttgct 180
 ccgaagtccc tctctaaact tcgaagccac gaccaaagta gaaaggatgc gtcgtccatg 240
 attttgttgg catcaaagt gtcgttggag aagagtatct tattccgttg ctgccaaata 300
 gaccatgtga gagccagcca ccaccacctn cacctgttgc cccttacttc ctgagcaact 360
 caaaa 365

<210> 2215
 <211> 318
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2215

agcttcgtgg caagccagtg gatggaggac atggctagat ggtgaaattg attngtggca 60
 ttcataatca tgaattggcc aagtcattat ttggacatcc atatgtcggg cgattgacta 120
 aagctgaaaa gatagttatt gctgacatga cgaagtcaat ggtcaaacca agaaacattc 180
 tgctgactct aaaagagcac aatgccaaata gttgtacgac aattaaacaa atatacaatg 240
 caciaagtgc atatcggtct tccataagag gagatgatac cgaaatgcaa catctaataga 300
 agcttcttgg aacggatc 318

<210> 2216
 <211> 293
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2216

ggaaggtgcg taccacacca ttttttcata gtaaaacact gataatgtgt ctactattat 60
 tgtgataatc tcttttctctg tcattggagg tgccacttga gttgccagggt ctctcctcct 120
 ttgngtgtat tctttgaaag atttgtgccc ctatttgcac atattctata gttgcatcct 180
 atctggagtc atatcagaat tgtactatta ctgcctaata aaggcaacca ttatgtcctt 240
 tcaagaatgg actcgagaaa gttccaagtt agtgtaccaa gtaacagcta ccc 293

<210> 2217
 <211> 410
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2217

gtctcacgat tgaacatgct catgcaacaa ttgttagtgc tggtatatac agacatcttg 60
 ccaaacaaag ttaggttagc gataactgc ctgtgattnt tcttccatgc tatatgtagc 120
 aaagtcattg atccagtcaa gtttgatgag ttggaaaatg aggccgcaat tatactgtgc 180
 cagttggaga tgtattttcc ccccgctttc tttaacatca tgattcactt gattgtgcat 240
 ctggtcagag aaatcaaata ctgtggctct gtttatctac ggtggatgta cccggttgag 300
 cgatacatga agatcttaaa agggatataca aagaatctat atcatccaga agcatttatt 360
 gttgagaggt acattgttga agaagccatt gaattttgtt cagaatactt 410

<210> 2218
 <211> 393
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2218

ttggtctctg ccagtgaaag gatcgatgtg ggtctgaaaa aaaagggctt atttgatcat 60
 catactatga tgactgagaa aactggggca aataatgagg gtgagaaaga gggagaaacc 120

catgctatga ctgccattcc tatacggcca agtttccac caaccaaca atgtcattac 180
tcagccaata acaaaccttc tccttaccta ccaccagtt atccacaaag gccatcccta 240
aatctaccac aaagtctgtc taccgcactt acaatgacga acaccacctt ttgtcatac 300
cataaacacc aaccaagaag tgaatTTTgc tgcgagaaag cctgtanaat tcacccaat 360
tgcagtgtgc tatgtgact agcacccata tct 393

<210> 2219
<211> 409
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2219

gcaagcttgt tgaaattgcc atgtttgggt gagttataca taccattct gttttatggt 60
tntgtgatga tgtttgtcat gtttgtatgc tgaaattgcc catggaaaac tgtagagat 120
gaaatataga gttaacctag ggttggaag tgagaatgtg gtgttatgag tggaaaaga 180
gtgaggcttt gagagttgga aggctaagtc tgaattctgt ggtaaattgga ggttaaagt 240
agttaatact agcttgaaat gtcatttang acttgggaga aagcttggac tgtgctagag 300
agaaaaaaa atgatcaaag tgaataaaga gccatttcta gggcaaaatt ggggtgttgaa 360
gagtcaaatt ttgattcgggt ggaatttttag gtgtaaattc agtttgagc 409

<210> 2220
<211> 445
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2220

gtgtaatcga ttacactaat ttggtaatcg attaccagt tttgtttctg aatatatcaa 60
aagatgtaac tcttaaaaat gatttttgac tctttcaaat tggttttaag tttttctaaa 120
agttataact cttctaaatg gtcctcttgg ccaaactga agagtctata aaagcaaggc 180
tttgatttgc ttttcaatac acttttacac ttattcaatc aatcctttac aagccttgaa 240
tatctttgaa cttcttctc ttctttgtac caaaagcttt ctgaagtttt tcggctttct 300
aaaccttgaa aacttgtgct attcatcctc ttcattctct tctctcttg ccgaaaagaa 360

ttcatcaagg actaaccgcc tgaattcttt ntgtgtctct cttctccctt ttccaaaaga 420
 acaaaggact aaacgcctaa attat 445

<210> 2221
 <211> 408
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2221

agttgctcat ctcggtgttg aggggtggac aacatcctgc aacatgggtg tgatgaatcc 60
 tcttttgcac agaattaagg aggcaatgaa gggatgaacct caaatatata taaaacaaaa 120
 tctatgtaca cacacttana aagaagtga atttggtgtg gtcacaaacg tgtatatgtt 180
 cctcaacttg aaggtgacta aaaacaataa tattgcatgc ttaggaaatt aaagccttaa 240
 aaaggattaa tttttttcta aaaaagaaaa caaattaaag acatcaagaa ggtgacataa 300
 aaagaaagta gtagagagag agaaagtgtg tatgctgtgt tgtgttagct aagatgatgg 360
 nggtgatgag ggtgtcaaaa acagagaaaag ttagttatgt gcatatat 408

<210> 2222
 <211> 435
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2222

ntgatgggtg tgagaagaaa tcacatgttt gtcacatca ttaaggggaa gaatgtgaat 60
 gtatgtatac atgattttga tgatgtcaaa agaagaatca aacaaggctc gcttcaagat 120
 taatacaaga ttgtttcaac aaacaaagcc ttgattcaag atttcttcaa gatcaagcct 180
 tgccacacaa tgaaaggttt caagtcattc aaggcacatg taatcgatta ccaatggctt 240
 gaaagtgtgt aatcgattac acatcatatg taatcgatta ccagagactc tgaacgttgg 300
 gaattcaa at ttaaatgaa gggtcacaac tgttcaagag aaacaactgt gtaatcgatt 360
 aactaattc tgtaatcgat tactagagag gattttcaag agatatcgcc aacagtcaca 420
 tcttatcatt tggat 435

<210> 2223
 <211> 270
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2223

catgcaagct tataccaatc aagttgaccc gtatgttgat attacacata tggatcttct 60
 tgatccgtat aagctttacg gatcaacttg atccatatgg tttactcatg ctcatccagc 120
 tntatggatc aacatgatcc gtatgactca tagggatcaa cttgatccat atgactcatt 180
 cggatcaact tgagtgaatg gtatgtttgc ccatttagtt aaaatgatga gcgcaccaac 240
 aaaaacgcta ggtgcaccta caatcaccct 270

<210> 2224
 <211> 162
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2224

gcttccatca cgtgtggtcc gcggtgcggt gacggaccaa tttatttggc ctgtgtaata 60
 tagcggngtg gactggcccg gtccgctgcc aatgcgggct tatgcaggcg ggccttatga 120
 aggacgggct ggtccgtttg cccacccta gatatacttg gg 162

<210> 2225
 <211> 332
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2225

cgatcatcact ttcttccgaa gctntaacct cattgtctct cacagtcttt agattgggga 60
 gccaatccaa tccttgtgtc cggactctca gccacttatg atagccgccc atgatcccat 120
 tactgcttcc cctaagctct ctgtcctttc ttcacgccc atcccatgcc ttgcgaactc 180
 cttggagtac cctagcattg tggtcactga aacctcgtgc gatgaaaggc gtgatgcttt 240
 cgtctgatgg tactcctctc atgggacatc cttcgcata gaatagaatc ctgattcttc 300
 cttccttcta gcgagggaac catttaacag ac 332

<210> 2226
 <211> 413
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2226

tgacattgca tttgggcacc tatTTTgaat ttcctatgct gtctctacat acataanaca 60
 gtcccacccat cccaatcttg caaaaccata ttcatatatc attgnggcat ttcaccgagc 120
 acttggtggg cgcaagtttg gacataaatt gcaagagaat gggggcaatg tggcatgccc 180
 cattgcttca gaatacaaca tatgcctaag gccttctcat tcaaatectc aactcaagaa 240
 gtcaagcata aaaacaaacc aaaattgccc cacanatata agcacgttct cacaatttat 300
 agcaccaaaa gatgaagaaa atactccaat gggaagcaaa aaaaactcaa ggattgaata 360
 cttgttggag tgagtagaaa caccaaaaat gaaagcaaaa tgcaaccaa agt 413

<210> 2227
 <211> 356
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2227

tttgatctcc tgttggggct ctatattgtg ggagtgtgct canatatatg gggcaatttt 60
 ggtttgtttt cttgcttgat taggttgaat taggggttgg tatgggatgg ccctaggcct 120
 ataatgcatt ntgaacaat gggacatgcc acattgtccc cgttctcttg ttattgacgc 180
 ctaaacgcgc gcccaccaag tgttcggtgt aatgcctcaa tggcattagc gcgtgacttt 240
 tgtaaggaaa caaccgcggg ggcatttttg tttgacatat tttctattct tggaatatgt 300
 attcattccc gaaaaaggct atagatattg cccacatata ttctaagcct agaaac 356

<210> 2228
 <211> 319
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2228

tgaaaacact ntttatnta aatcacttgg ccaaacttt gctaattctt ttatgaattc 60

cctccctaatt attctagtga tcatcttgat gttggggactc gtaatcttga agaattggacc 120
cgaatttttaa tcttgaaaag cccatttgca tcaattgcaa cacatcatca tgatcatcat 180
caaaacatca aagccaatgg catctacaca tgtgtcctcc accttccaga ttggagctat 240
gtctcacgat tgcctaattg cggaccctaa acgcaaaacg acattctccc cttttttttc 300
agagacccat gaatgatat 319

<210> 2229
<211> 418
<212> DNA
<213> Glycine max

<400> 2229

agcttgggga taccctaactt tcttctatac tctctctttt gtcacaaaca gtccttagca 60
cacttccttc tcaaactaaa attaaccctaa agaagaaaca tgtcagggct ataattgacaa 120
gaagcaagaa agctagagag aatatgaagc aaaatggggg atccacttca gatgccacaa 180
aggaggtttt tactaaagag aacctagtgc cagaaaaaaa ggtagaggaa agggagatac 240
taacatctcc caaggtaagt attcctttcc ctcaaagggg aaaaaataag caataagatg 300
agcagtttaa aaagtttatt gatgtaatga agagactgca catcaacatt tctttaattg 360
agattatttc acaaatgccaa aaatatgtca agtacttata agacatactt tatagtaa 418

<210> 2230
<211> 433
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2230

cgagatgagg aagtgttgaa gggtgaaact tcctgctttt attgttgacc acagagtggg 60
acctggagat atgtcgcggc ggtcaggaga ccttggggac gtcaggtggg gtgctattgc 120
ccaaaaccaa gcttgaccaa tcccgaccca acccgggcat agtcgggtcag tgagaacctg 180
tgatgtacct aagcaggcga gtccttgga gtcaacagat aaaaggaaca aagaccacaa 240
agcaaggagg cttgtgggtg ctggccagct gtgaactttg attgatatgt gggttatggc 300
ctctggtaat cgattaccaa ggggtgggtaa tcgattacaa ggcttananaa tgaagacagg 360

gggctaagat ggtctctggt aatcgattac cacgggatgt aatcgattac caggcttgaa 420
aacggagtca gga 433

<210> 2231
<211> 411
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2231

agcttgcggt gaacaaatat aaaaatcctt tgtgcactnt tttctttttc tttcctttac 60
tttgctttgc acaaatttaa aaattgtttt ttgtccaaat cattaaatct atcatcttac 120
ccaaattaac aaaaaaaacc aaacattatt ttaccaaag cttttattaa gcaactatct 180
ttgaaacaaa agtcttaa at tgcaaaagaa ttattctttc agaactgttg cattttcatt 240
atgagcaact tttcattatg aactcgccta tatgaattat cttcagaaac atttgtttta 300
aaagaaacct ataaaaagtt ttcaaaaacc aatttaaccc cccttcttgt ggtatttgtg 360
tcacttcaag taaaaggatt gcctangaat ttgtgaaaac tgatcttcac t 411

<210> 2232
<211> 414
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2232

cctcgttctt acaatctccc nctttttgat gatgacaaac ctataatcaa gaatcgcata 60
caagctctat cttctaata atcaactcact taattccgcc cctttgtttt tgaatntaag 120
cttcacttga aattaagtta gagttcttga tttaatccca actttctctc cccctttggt 180
atcaacaaaa aggcacaaagt gtgttggtgac ataaaatcat acacaaatgt attcatgcaa 240
gagaaaagga gaaactgtta gacatgtggt ctcaataagt taagagggat aagcttagaa 300
tgcagaagaa gtagcaatca atttaataat attcttttaa catgcaagac aaaatttgat 360
gcaataaaat gaatgagata agggaagaga gaatgcaaac acagttttta tact 414

<210> 2233
<211> 347
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2233

agcttacccc tcattgtacc aacaagtgtc cttatgaggt tctctttggc tccaaacccg 60
attgccataa tctntgtgtt tttgggagtc tatgttatcc atggctacgc ccttactcaa 120
ataaaagcat gccatgtgtg tttctaggtc cctctcccca acaccatgca tacgaatgct 180
atcatattct aactcaaaaa atatacctct ctagacatgt tgtctttcat gaatcaatct 240
tcccctcact acgectcatt tggtcctac cttcccaacc tcaaaccatg atatgacctt 300
acttatctct tgccatcctc tcatactaca acaactccat acaaaca 347

<210> 2234

<211> 441

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2234

ntcgtaggtg aaatcaggtg cagccatttc ccttagagtc ctctcacggn gtggaggttg 60
tgccatgttc tcagaatgtg caaaatcaga atgctcagaa tcagaatgct caaaattata 120
atgctcaaga tcaggatgtt caaaatcacc aataacagaa tgcacagatt caccagtaat 180
ggaatgctca gaatgatcaa aagggtataaa atgatgccta actaatctat gaaatgtcct 240
atctatctca ggatcaaagg gttgtaagtc agatggattg cctctagtca tacactacat 300
tcagaaagca cacaactagt tgccttgtca tgtaaataaa ggtgtaggtt tgaactacag 360
ctaccctcaa atgatatcca aatgacttga aattttgtga gcaaccttat ataatgatga 420
gaagatagca canaaaattt c 441

<210> 2235

<211> 349

<212> DNA

<213> Glycine max

<400> 2235

agcttgagaa tggagaattg cactaagcaa tctctacgca tagctccaaa ctogaaggtg 60
gaggacacat gaacgaaaac acaattcatg gtgctccgaa aaaggggttg agaatggaga 120

attacactaa gcaatcacta cgcatagctc caaacttgaa agtggaggac acatgaacga 180
 taacgctatt catggtgctc cgacaagatt gagaatggag aattgcacta cgcaatcact 240
 acgcatagct ccaaacgcga aggtggagga cacatgaatg aaaacgctat tcatggtgct 300
 tcgaaaagat tgagaatgga gaaatgcact aagcaatcac tacgcatag 349

<210> 2236
 <211> 346
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2236

nnttggtctt aaataaaagg ttttcctctt tttctattat tttattcaag ctctaccaca 60
 tgtccctatt tgattggagc aaaaagggcc cactttctct ttttgactgt gaccatact 120
 cagtcacaaa agtgagaaaa atctgacctt tgaaacgcta aaatcctgcc tcggtttgcg 180
 tgccgtttct ctggttccag tttctcgctt ttctctgogt ccgtcggggc cagttttcga 240
 aagcaagcaa tatgtatata aaaacgctca gaatgaaacc ccgagcgtgg tttagagggt 300
 ggtttcgtta aattttaagt cgcacgcaaa acgatgatct ttaact 346

<210> 2237
 <211> 403
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2237

ncaagcttga gcaaattcaa acgacaataa cntttcactc ggatgtctga ttgagtcccg 60
 taatatatcg agactctcaa aatggaattt cgaagctctg agcaaattca aacgacaata 120
 actttttact cgtatgtctg attgagtcct gcattatata gagaccctcg aaattgaata 180
 ccgaagctct gatccaattc aaacgacaat aactttttac tcggatgtct gattgagtcc 240
 cgtaatatat cgagaacgct cgaattgaat attgaagctc tgaacaaatt caaattacaa 300
 taactttttc ctcggatgtc tgattcagtc tcgtaatata tcgagacgct tggactagat 360
 tgccgaagct ttgagcaaat tcaaacgaca atatactttt act 403

<210> 2238

<211> 412
 <212> DNA
 <213> Glycine max

<400> 2238

tctattctga atttcaagcg tctcgatata ctatgggact ttatcgaaca tccgagtaaa 60
 aagttattat cgttgggaatt tgctaagaac atccgttttc aattacgagc gtctcgatat 120
 actacgggac ataatcggat atctgagtaa aaagttattg tcgtttcaat tttctaagag 180
 catctatttc aattttgagt gtctcgatat attacgggaa tcaatcggca tctgagttaa 240
 aagttattgt catttgaatt tgctacgagc atatgttctc agttacgagc gtctcgatat 300
 accacgggac acaatcaaag atccgagtaa aaagttattg tcgtttgaat ttgcacagag 360
 cttctgtttt cagtttcgag catctcgata tattacagga ctcaatcgga ca 412

<210> 2239
 <211> 302
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2239

agagaaaatg tccgattgat ttttgtgctt cattttacta aaagatatat ttttttatta 60
 ttatattatt attttacctc tttnttttta tttccaacgt gggttatggca cgaccaaacg 120
 gtgggaattc attttaacaa aaattaacga atactacaat tcaaatagat ggtggaaatt 180
 tattttttta gattacgcgc gaaatgactt aaataaatga ctgaagcacg tcaaaagggtg 240
 gtacgaaaag aaaatgaaac gagaataaaa gtacacaaaa taaatgggga ccaccacggg 300
 ta 302

<210> 2240
 <211> 447
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2240

ntgaatgcac tattcaatgg agttgacaag aacatcttct gtctgatcaa cacttgcaca 60
 gtggcttttag atgcatggga gatcctgaaa atcactcatg aaggaaacctg caaagtgaag 120

atgtccagat tgcaactctt ggctacaaaa ttogaatatc tgaagatgaa ggatgaagag 180
 tgtattcatg acttccacat gaacattctt gaaattgcc atgcttgac tgccttgga 240
 gagaggataa cagatgaaaa gctggtgaga aagatcctca gaccttgcc taagagattt 300
 gacatgacag tcaactgcaat agaggaggcc caagacattt gcaacatgag agttgatgaa 360
 ctcatgggtt ctcttcaaac ctttgagcta agactctcng atagggtga aaagaagagc 420
 aagaatctag ctttcgtgtc caatgat 447

<210> 2241
 <211> 424
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2241

gcttgacttg gcgaatatga tttagcctta tgtttcactt tagttattag tcaattcaat 60
 taagaatgag aaatcccaaa gagaacatgt ccgattgatt tttgtgcttc attttactaa 120
 aagatatatt tttttattat tatattatta ttttacctct ttttttttat ttccaacgtg 180
 gttatggcac gaccaaacgg cggaattca ttntaacaaa aattaacgaa tactacaatt 240
 caaatgatcg gcggaaattt attttttttag attaggcgcg aaatgactta aataaatgac 300
 tgaagcacgt caaaaggtgg tacgaaaaga aaatgaaacg agaataaaaag tacacaaaaa 360
 aaatggggac caccacgggt acagagaatg aattgaaaaa gcttgattcg gaaacttacc 420
 cggt 424

<210> 2242
 <211> 377
 <212> DNA
 <213> Glycine max

<400> 2242

tgcttgaatg cactattcaa tggagttgac aagaacatct tcttattgat caacacttgt 60
 ttagtggcca ttgatgcatg ggagatcctg aaaatcactc atgaaggaaac ctccaaagcg 120
 atgatgttca cattgcaact cttggctaca aaattcgaat atctgaacat gaaggaggaa 180
 gagtgtattc atgacttcca catgaacatt ctatgaaatt gccaatgctt gcactgcctt 240
 gggagagagg ataacagatg aaaagctggt gagaaagatc ctacagatact tgcctaagag 300

atctgacatg aaagacactg ctatatatga ggcccaagac atttgcaaca tgagagttat 360
gaactcattg gttctct 377

<210> 2243
<211> 431
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2243

acgttcaata tctgctggta atcgattact catatatgtg taatcgatta cacagtgcaa 60
atntttgaat tcaaatttta atagctgttg taaatcagtt ttggccactg gtaatcgatt 120
accagagagt aaatttattg taaaagactt tttaacttaa atttcttggc caaacctttt 180
gctacttcaa ttgaaattcc cttcctatct aatataccct ttctaagatt ctagagactg 240
tcttgatcat ccactttgaa tatctttgat ttctttgtct tgaataaagc tttgtgaaac 300
atgtaaccct ttggcatcat caaaacatca gcttgatcct ttgtctacac agacgacgac 360
aagtcctatg aagcacatac aaggacattg agtcctataa aagacaaaag acattgaagt 420
ctttgaaatg t 431

<210> 2244
<211> 417
<212> DNA
<213> Glycine max
<400> 2244

gattgagtca tgaatcaaga ttgactcatg atgatgaatc gagattgatt tttgtgattt 60
gatgataaca aagatgatga caataagccc aagagaatga cttctagatt gagtcaagaa 120
caattcaaga attaagaatt aagtttcaag tttcaagttt caagaatcaa gaatcaagaa 180
taatcaagat caagattcaa gactcaagat tcaagaatca agaaaagact caatcaagat 240
aagtactaaa aagtttttca gaacatggag tagcacatga attcacaaaa gcttttacca 300
aagagttttt actcttttgg aatcgattac cagtttactg taatcaatta ccagtagcaa 360
agtttggttt caaaagctgt cagactgaat ttacaacggt ccaattaatt tcaaaat 417

<210> 2245

<211> 436
 <212> DNA
 <213> Glycine max

<400> 2245

tgcaagcttt aacatcaagg tgtttcccat gaagtacgaa tcttcatctg agggtttggt 60
 gcaaatagta cctttcttgg ttccatacat ttccacattt ccaagaagag ttttttggag 120
 gatggtgtat taagtgatga tgagaatata tgccatcaag caagagctta gagtttcttg 180
 atgaaatgcc aacaactcag aatattgctg ctgggaaggt gccacctgtg gctatcatca 240
 tctctcatca gaatcttggg ggtgatgtaa gttcaatttt cagtacacct tacaaggcaa 300
 tcatatgccc tctgggacag tcttacttgt aaggaaactg atctctatgg acatgaaaat 360
 aatgcactac cagagcaaga tagttatagt tatagagctt cgaaggctga gaaaactaag 420
 tcatgaaaat gtaatg 436

<210> 2246
 <211> 444
 <212> DNA
 <213> Glycine max

<400> 2246

tgtgtaggct ccatctatcc atgttgtctc tccctaattct catgcatttg tattcaagtg 60
 gccgtagaat gtagagagat tgaaatcctt aatgttcatt caaaatcttt gtgacccaaa 120
 ccatagtaga attctgagtc tacactggaa gagagggtct gggcacttca tgtttcttct 180
 tcatccgttg ctctctata acaatttttt cctctcctt ttgttgatgg gcaggctttt 240
 tggtttggac ctttccctta tgcctcctaa ggatcctttt aaccttcata gcaaggccaa 300
 aagtttccaa agccttgtct ttattagcaa tagccttggc cagtttcttc tgcctctttt 360
 gccgaatgtc atcctagtgc actagaggaa taagtatggt cctcttgatg tcaaccttca 420
 ttaccttcag gtttacaaca ctga 444

<210> 2247
 <211> 443
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2247

catgcaagct tgcccaagaa acaaagatag cgtggattaa gtcagagct gtatagtaac 60
 gttacacccg attgtaaagg cctttcttga actatacagc tgctatataa aaaacctcca 120
 ccgccagtat ctgacagaga ttatttatgt gtgctttaag aattattaat aaatcttctt 180
 gttcttacgt ttgctttctt gtgtgcattt gtttcattgt ctacctttct ttntttcctc 240
 ttctggatgc agagtttcat actttgtttt ttaaaaagaa aatcgttcat tatgctttat 300
 ttacatcta gcagtacaca aacagaaaga gctaattgtt tttttaatgc tacgtgggtg 360
 tctcacctac tgatactata tntgtcgcag gagtgggtgt ttgttgagag ccacaacttg 420
 aagctcaaca accttcgatc atg 443

<210> 2248
 <211> 410
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2248

catcacatgc cattgcttcg ttgatgaggt tgctgtgatc gagatttgcg gcattatagc 60
 gccacacgtc ttcacogtga gcctttgcaa atgagggggt gccattggcc atgacgcgag 120
 cactcagact gtgccaaggt gccagcatta caggactact ctccagcaag agaaaactag 180
 ccatgctgtg ttcgcogttt ctcatcaatc gacgagacag agctgattga gaatagcccc 240
 tgctgcaccc gtcgcctttg aatatctttc tttgcaccaa gaacctcatg atgcgcttca 300
 gatgtgaagt atcacaccct aaacttgatg atatctccga tagtgtcatg ggacttccat 360
 gcttctctat ggcttcagct atgccaagct caatcgcaca ttntatcact 410

<210> 2249
 <211> 279
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2249

agcttctcca tattctgtaa tccataagat tatgtaattt tctctcagct ctccatttat 60
 gataaataag aattctctac attatatttg gcattatatc tggatcaact acaatgacag 120
 tacaaatgag gataaaagtc ataaaacaaa caatgaggag catactgagg gacaagacaa 180

acatattgtg cagaanagca atctgatgtt acctcctcca aacttctaga ccagagtgat 240
 ttttctttan atgcctaatt tgcttctttt gaattttta 279

<210> 2250
 <211> 295
 <212> DNA
 <213> Glycine max

<400> 2250

attgagcgaa tgaaatcggg gattgaaatt ggcacactca ttgcaaaca tggctaagac 60
 caaaggatta tgtcgggcct tatgtcacga tactggcaga ttagggggca taggagaacg 120
 ggatgatttc gatgatgctc tgcagcgttg accgcctact gcattcgcac ggaggcaacg 180
 agtacctgtg actgtggcgc acgatgaact attgaaccct acgccagatg tttatgatga 240
 cccgatggag gcaccaactg gtgtaaggac attgtggcag acatttctgt ggaca 295

<210> 2251
 <211> 359
 <212> DNA
 <213> Glycine max

<400> 2251

agcttctttg gaccttgaac aagcaattaa cttctctttc agaaccatgc tatgtgctcg 60
 tgactgggtc atttcttccc ttcgcaactt gagttcgcta ttgctacccc atagagctcg 120
 gcgaaattta tcccggccat actcttccct gcgagccctc ttgggtctctt gttcaagggc 180
 tcttgcggtg attgcattct cttcccgtaa cccggcacac tccttccaaa atgtgtgttg 240
 cggccaactt gaacttttcc tcggctaatt tcgcctttcc taactcgctt ttgagaagct 300
 ggacttcttc gtctcttccc cgtgcttcaa aactttcttc gctgacgact tttaacttg 359

<210> 2252
 <211> 448
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2252

tgtaggatta tggngtacct atcacatgtg gtactaggtg tcggtcgggc tatggtgcac 60

aacaagtttt ccacatccac aaagcacaca taaaccacc atcccctgtt gccacctcc 120
aactgagggtc acgtactccc acgtagccca tatectcttt tctctcaaca ccgggtcccc 180
atcaatcctc ccaagcttcc ccaacatcaa agtaatacaa cattcgcaca gcacaagcta 240
tcacagccaa gcaaaacagg gcaaaggcag aaaactctgc tcaaaacacc aaccaaatac 300
acagcttttc ttacttaaag actccagtaa caattccttc gttccaattc gttaaccgtt 360
ggatcgactc gaanatttta ctggaagtct ctagtactta agcctacatt gtgaccgttg 420
ggatctacta agcaacatcc agaacaca 448

<210> 2253
<211> 397
<212> DNA
<213> Glycine max

<400> 2253

agcttcaaga ttaagatggc ctcagcaa at tcttatttc cggaagggaa ttctatcaat 60
agacctcaa tctttaatgg agagggttac cactactgga aaaccgaat gcaaattttt 120
atcgaggcaa tagatctaaa tatctgggaa gccatagaaa tagggcctta tataccacc 180
acagtagaaa gagtttcaat agatgatagt tcatcaagtg aaagcataac catagaaaaa 240
cctaaagata gatggtctga agaggataga aaaagagtac aatacaactt aaaagccaaa 300
aacataataa catctgccct aggaatggat gaatatattca cggtttcaaa ttgtaagagt 360
gctaaggaaa tgtgggacac tcttcgatta acacatg 397

<210> 2254
<211> 421
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2254

tgaacaaaa ccggtgagag tgtgacctta aactgtgagt gaacgactag ctatgagtag 60
taatctttgc atgaatctct gaattttaga atgagatgca taaattagga tatgatgaag 120
gccatgattg tacatacaca caagcctttt gacaaaaag cttaccttga atgataatta 180
tatectttgc acccattttg agctgaatga tattgtcaaa aatttgaacc ctgaatttaa 240
ataaatatct ctagatacct tgcttagatt ctaggagagc atacgttca aggcaaattt 300

accccaaatt tgggggagtg gaactaattg ggatgcaaag aanaagagaa agcgtcagca 360
 catacaacaa ataagttgta tgctaaaaag agagagaaga aaagaataaa gtgtgctgat 420
 g 421

<210> 2255
 <211> 340
 <212> DNA
 <213> Glycine max

<400> 2255

agcttcttag tttcagatga tactgctgag tttgtagcta cctcatgcac tcctctaatag 60
 actatagcat catttatggc gctaaactgc tgggagttgg aagccatctt ctcaattaaa 120
 tttctggctt cagcaggagt catgtctcca agggctccac cactggcagc atctatcata 180
 cttctctcca tattactgag tccttcataa aaatattgaa gaagaagctg ctccgaaatc 240
 tgatggtggg ggcaactggc acatagtttt ttaaatoctt cccagtactc atacaggctc 300
 tctccactga gttgtctaata acctgagata tctttcctga 340

<210> 2256
 <211> 439
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2256

tctcaaggaa gctacctagt atatataaa aagcatgtgt aacactngct ataactttga 60
 tgaatgagag tcttgtgaga cacaactcaa agttcaactt ctgtcccttt atcttccttc 120
 aatttcatgc tccccctct ctctttctct cctcttttct tttcctccat tgaagcatcc 180
 tctccaagct tcttatccaa ggcctcatctt ggtggtgaag ctcttcttc catggcttat 240
 tccctagtgg atggcgctc ctctcacctc ttctcctttg tcttccgctg catctccatg 300
 gtggaaaatc accattaaag gacctcattg aagctcaaag atccagcctc catagaagcc 360
 ccataagcaa gctttcatca agtggtaatc agagcacaag agcttcaaga ggtgctcctt 420
 aaacctccat taatttttg 439

<210> 2257

<211> 400
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2257

agcttattac ttgttgatga ttataacaca tatatatgta tatgaatctt anaataaaatt 60
 aggaattaat agttcaaata ataaaattaa attgaaggaa attattatat taagattcaa 120
 tgataaatac ttttaattta ttttttagtt taattattta ttaactcttt gtaattaa 180
 ataatatagt tcgatttaat atatacatgt tgtgtgccat gtaaataatta atactatgtc 240
 atgtgtatat aattcatgag atgtgataac atgttgcttt gggattataa cattatgact 300
 aagattgggt gtatgtgata aattgagtat gtgttgaatg gtaagatacg tgtattgaga 360
 tngtatacgc attaagctat gaactgtaca atcacataac 400

<210> 2258
 <211> 428
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2258

tggagaggat gcttcaatgg aggataagaa agagggagag ttagagagag gggcgagcac 60
 gaaattgaag gaagataaag ggagagaatt tgaactttga gttgtgtctc acaagactct 120
 cattcatcaa agttaccaca agtggttacac atgcttctat ttatagacta ggtagcttcc 180
 ttgaaaagct ttcttgagaa aacttcctta agaaaacttc cttgagaagc tagagcttaa 240
 ctacacacac ccctctcata actaagctca cctccttgag aagcttcctt aagaagattc 300
 ctaaagaagc tagagcttag ctacacacac ctctctaata gctaagctca ccttcttgag 360
 atgagaagct agagcttagc tacacacccc ctataatagc taagttcacc cncatgacan 420
 aatacatg 428

<210> 2259
 <211> 435
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2259

atgacccttg ggaccgtttg atcatgcacc ctggaccttt cgtccggacc ttatcactgt 60
tctgcagcgg gagctttgag tgactaacta cataactgcg gtggctgatg cccgctttcg 120
tcgggaaact gccggccgac tgattaatga tggctcacgc gaacacctgg ggcgccctcg 180
ctgtaaacag gctatgaagc tatctgacat ggaagaagac acacgatctc tagtacaaat 240
gtcaggactt attctcaagc taaacccctt tttgagcttt cctatatcc acaaaccttg 300
caatgtcgac gtctgtgaaa ttgatccaca tattacctga tagttcccaa actacgcctt 360
agaacttaca tcgctacaga taacacactg cgcatttgca tacttagacc tgcccccta 420
tgtaacaaca tgccn 435

<210> 2260
<211> 499
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2260

aggacaatgt gcnaatgata ccctgcacnn atgaaacctt tgatcccatt gaacacncaa 60
tnaccantcg gaacctatgg ggagcgagtg tataacgtgc agaacttata aactcttacc 120
cgctcaatga gccgacagca gactttggat ggaaatacta ccgtcagtggt ggacgcatgc 180
aagtgatgat acgtagtccc acggtgtcca actgattatt atgtcaaacc ggcacatcatgt 240
taatgtgtaa tcatgaatct tcgtctgtcg gtccgataga tttattattg aacattgcta 300
caacccaga tgaaaggcaa acgtacttga aactgctatg acccctactc aagatgccgt 360
gctttttaac aatgtgaggt ggaacatgtc attgccatat gatttttgac cgttgcatcg 420
atacgaaaat atcctgaaag ctttatactt aacccatgac catagatgaa gtgtaagatg 480
caacaaaaca agtgcgccg 499

<210> 2261
<211> 386
<212> DNA
<213> Glycine max
<400> 2261

gcttgagaaa tatactaccc catgaagttt atcaattagt tcatcaacag cgggaatagg 60

aaagttatct ttgattgtga tggcattcaa ggccctgtaa tctgtgccaa atctccaagg 120
gccatccttc tttttgacaa gaatgattgg aggtgaaaaa tggcttctgc taggggcaat 180
aatcccttcc ttgagcatgt cagctatcat taattacttc aatctgatcc ttccggctgt 240
gaggatacct atatggcttg acttttactg gtccagcacc ttcaaccaat gggattgaat 300
gaatgtgagt tcttctaggg ggtaatcctg atggcaccat caagactgtt ctataagtgt 360
aaagtaaaca gttccgcaat ggcattg 386

<210> 2262
<211> 348
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2262

cggagatgca atagtgctaa ggtttctggt tttagttact ctatattgtg gacaattaac 60
ttgnggtcct gtctttatga tatttaagtt taatgtgccaa acctgttaca agttgggtctt 120
tggcaaatgt gttaaaagat atgcatgttg attaatagga acgattcaac acctatagga 180
tatgaagaga ctctaatttt ggtgtattgc taaaatagtg atttctgaat ctgatgcaag 240
gctaactcga tgatatctac tccaatatat atgatataca gtctctgaac atagaggggt 300
tttggctata aaaatatcaa atattgaaat attatctcat taatatcc 348

<210> 2263
<211> 461
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2263

agcttataag aacanaattg ccttaatcat ttccaaatat gcatgtgaat tatgacgcat 60
caacaagaat caagccaagg ctattgtgca agcaatcaat ggggcaaac acaccaaatg 120
attataatga tggatggctc aaattctcac aaaggtaaaa tcatcacttt caaattgagc 180
tttcaaaact atcatgacat gtaaagaaga atcaaggatt tcaagtcaca aaatgtcaag 240
aacttttatt ttcaaaacaa ttaccatttt cttgaacata tcctataatt caaagaaaaa 300
catgcaaagt cgtacgtgca catgaaattg acccaaaata ttaaactgaa aatccgacga 360

aactaacaac attaacaat taacacaact aacaaattaa caaaaccaac aaaactagca 420
aaaccaaga acactcccc cccatactta aacaacacat t 461

<210> 2264
<211> 430
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2264

tccacttcaa ttccattcg agtacctaac ggggtgtgatt ttcaaacgtt aaaaaccaga 60
atacacaata cccttaagtt aaccgacaag caacttttgg atgaaattta ctaccggcag 120
cgtttcacgt atgcaggtaa tcaatttcag tttcaatgta tgcaactgaa agatgatgct 180
gatgttaaca taatgttaat gtgtaatcat gaattttcgt ttgttggtcc gattgagtta 240
ttatgtagca ttgctagaac cccatatgat attntaaact tacttgaaac tactatgacc 300
cctactcatg atgccctgct atattacaat gtgagggtgga acatgtcatg ccaaaatgag 360
ttgttggtt actcggtcac aggaaaaaat cccaaaaact atgacattcc cacctgatgt 420
accatggatg 430

<210> 2265
<211> 433
<212> DNA
<213> Glycine max

<400> 2265

agctttagg attatgggat acccatcaca tgtggtacta ggtggcggtc gtgcgatgg 60
gcacaacaag ttttccacgt ccacaaatcg cgcataaacc caccatcccc tgttgccac 120
ctccaactga gtcacgtac tcccacgtag ctcatatcct cgtttctctc aacaccgggt 180
ccccatcaat cctcccaagc ttccccaaca tccaagtaac tcaacattca aacagcaaaa 240
attatcacag ccaaacaaaa cagggcaaag gcataaaact ctgccccaaa caccaaccaa 300
aatcacagct tttctcatth aaagacccca gtaataattc cttcgttcca cttcgttaac 360
cgggtggatcg actcgaaaag tttactggaa gtctctagta cttaagccta cattgtgacc 420
gttgggatct act 433

<210> 2266
 <211> 454
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2266

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gtatgcccga gtcattcatc cctatgagat gttgatgtag tattggcgat catattttcc 60
attccttgga ttataggggt gaaccaagct catgctttta caaaaagggt catcaagtca 120
agttgaaata tggaagtaac catcctgcat aattggggca aaagatgaat tgagtcacat 180
cactgcttcg tctactgcc aacataatnta cgattgttga tgtccttgct acttccagtt 240
tcaccttgac aaagatgtca tggaccatgt tgaaaatcta aattgattca accccatatc 300
ctgcgtaaaa attcgcaatc ttcaactgta catcattcgc atacatccat gcttttcatt 360
ggttgcatg ctcatgcat tctttccttg gaaaataata taaaataaaa ttaaatgaac 420
ttaataattg ttatcaaaaa aaataaaaaa acat 454
```

<210> 2267
 <211> 416
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2267

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agctttttgtg tagcgaatct tctattcctt tataatacaa gttggtcaca aggtgttcaa 60
ttcaacaatg ggaaggaatt gtccattagc tatttgcca cgaaaagaac acaaagtaca 120
gtccatataa atataattgt acagcacaac agaaacaaag attgattagc atatgcatat 180
acactagttt ttttaattga tttgtagcat atatattagt tgaatagtca agtagtcgca 240
aaaaaaaaagg ggaaaagaaa gaaaggataa acggaaagtg gtggtggaaa ttatataact 300
aaaccaaccc cacatcctac aaaaataaaa gcattttgat aaactttgga gttttttctg 360
aagggttttc ccatggtggt ggngtacaga aatcttttac ggcaattttt aaaaat 416
```

<210> 2268
 <211> 454
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 2268

tccagagagt gggttgccga cgacgtcggt cagtttccaa tgtgccacga aggtcttagt 60
taccatgtcc ctctgggagg ccacggagca ccagagacgg cacacgcagc tcgcacgtgc 120
gagatcgatg attggaaggt tctcgaagat gaggcggagg atgtcgggtg aggatagcgc 180
agagaaatga gaattcatcg gtgagattac agtgcaggaa gaagagggtg aggaggaaga 240
agaggggaaa ttggaattca tgaggtcct gaaaatgtca ccgtcgtctt cgtcgcaaca 300
acaaccatt ggaagtggag ttaagttacg ggagaaaagt agatctttta gaggataaac 360
tttcattttg gtcttacaga acgtgaggca atgaanattt taactttagt tttcanatat 420
gtaaaaaact gtgaaaagtt gataagtata tgag 454

<210> 2269

<211> 448

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2269

agcttaccba ttatgtnta gggtttttat gatgatgctt gtgatgtttg tgtgctgaaa 60
ttgcttatgg aaaactgtta gagatgaagg gtagagttaa cctatgatta gaaagtgaga 120
atgtggtgtt atgagtggaa aaagagttag gctttgagag ttggaaggct aaatctggat 180
tcagtggtaa atataggtaa aaatgagtta atcctagttt taaatgtcat ttaggactta 240
tgagaaagct tgggctgtgc aagagagaaa aacaaatgac caaagtgaag gcaagagcca 300
tttctagggt aaaattgggt gttgaggagt caaattttga ttcggtagag ttttcgtcgt 360
aaaaccagtt tgagcaagtt tagattgatg agatagactt gtttgagggtg agaagttgct 420
ccatatttac cccatgctca ttttcact 448

<210> 2270

<211> 445

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2270

tgactntggt ttacacatga ttgatacatg atatgggact tgtgtgatct gatttgtgca 60

agattggatg agaggaaatg tgggttttcga aatctgcact ttatgcagaa ttttgttgtg 120
aaattgtgta gcagaatttt gcataagtgc agaaaaatgc tatgcgtttg ctgggttcggg 180
aaagagtagt gcagaatgag ttctggatgt ttgctagtag atcccaacgg taaaaatgta 240
cgcttatgca ctatagactt ccagtaaaac tttcgagtcg atccaacggt taacgagctg 300
gaacgaagga attgttactg gggctctttaa gtgagaaaag ctgtgatttt gggttggtgtt 360
ttgggcaggg ttttctgcct ttgcccggtt ttcttggtg tgatagtttg tgctgagtga 420
atgttggatt acttggatgt tgggg 445

<210> 2271
<211> 358
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2271

agctagagag aaaagatttt ttgatacaat gaatganatt atgtatgtcg aatcaatgct 60
gaaagttgta tagatgggta tatatataat cagttacaac aataattaac ttccaaccaa 120
ctaaactaac tttcaactaa ctaactaact accactagtt ctaaccaact aaactaacta 180
gttaactaac accaagacca cttgaaacaa tgccttgtgc tctctacata tatatccctc 240
tatcatgcac gaggaggagg ctagataact ttatcacgag ggtagagaag aaagaacaat 300
gcaagacaga ggaatgctga tgaggaactt tgagatatgt ctcagctgtt cttttata 358

<210> 2272
<211> 247
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2272

tatcaccttt accagcgatt gaaaaaaact nttagcgaat gtcaagaaca tgaaagtgca 60
ccgatactat taattgggtca gcagattctt aagcgggttg aggacattaa tacgatattt 120
cgaaagaccc aaaagaaaaa agtaaaactt gcatatggaa taagaggtcg atattctatg 180
atcttccata ttggtctaact ctagatgtca cacactgtat tgatgttatg catgtggaga 240
aaaatgt 247

<210> 2273
 <211> 377
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2273

agcttggatg ttgttcttgc attatttgcg aagatatgtt actccgcaac caaatattatg 60
 tattatatca gacaggggaa ccagtttgcg agcagcttta caatctgaac gtcttggttg 120
 gaatgaacca gatgtttcgt ctgtgtattg cattcgccac attgcatcaa atttcaacaa 180
 acagtttaaa aatgttgact tataaaaaca agtaatcaat atgggtatgt ttcttcctat 240
 ttcatgcac atattcttgc tttattacat gtttactatt tattactcat tnttctatct 300
 tttcgacat ggtatgagat gaggaacta cgatttgagc taagttgctc gctatgcgag 360
 caaagtttcc acaagca 377

<210> 2274
 <211> 372
 <212> DNA
 <213> Glycine max

<400> 2274

ttgaatctca gctatagatg cccagcattc atacctatag atggagtgtg agtattggcg 60
 atcataattt acattccttg gatttatatg ctgaaccaag ctcatgcttc tacattaagg 120
 tacatgaagt gaggatgaaa tatggacagg accatcctgc ataagtgggg catatgatga 180
 attgagtcac atcactgctt ggtctactgc cgaacagtac taggattgtt gatgtcctcg 240
 atacttccag tttcaccatg acataagatg tcatggacca tgtcgaaaat cttaaattgat 300
 tacgccccat atcctgcgtg gaagtttgta ttcttcaaca gcacatcatt cgcatacatt 360
 catgcttttg at 372

<210> 2275
 <211> 438
 <212> DNA
 <213> Glycine max

<400> 2275

tgaactcgct aagctcatat aacttagaca atttttttta tttttgcctt gcgctaagcg 60

cctcactttt gcactaagcg ttattcattg cggtttgtat aaggctaagc gagacttgct 120
cgctaagccc aatagcgtct agtagtcgag tcgcgctaag cgagcacctc tcgctaagcg 180
catgtttaaa actgtttttc cctgagctaa gagagtgcct atctcgctaa gcccaattatg 240
cagaaaagat tttctgtcat aactcgctaa gcctatgagt tatttctcat aaggcacgct 300
aagcgagcat gatctcggtg agcgccact gtgtttttca gtttttaatg catgctttca 360
atttaaataa aagttagcta atatagtttt aatggttctt ttgtcacaaa tggcttcaag 420
aaaaaggaaa agcactac 438

<210> 2276
<211> 436
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2276

agctntggac tattcaactc anaatctatg tatccaaaac cctcaattt aatggattct 60
caagggttga gaagtgaana tgagaatggg gtaaatttgg agcaaactct cacctcacac 120
aagtctataa catcaatcta aacttgctca aactggttnt acgcctaana ttctgccgaa 180
tcaaaatttg actcctcaac acccaatttt accctagaaa tggctcttgc cttcactttg 240
gtcatttggt tttctctctt gcacaagcca aactttctca taagtcctaa atgacatttc 300
aaactaggaa taactccctt taaccttcaa ataccacta attcagattt ggccctttcca 360
ctctcaagtc tcaactctttt tcactcatat actacatctc actttttaacc ctangtcact 420
atacccttca tcccta 436

<210> 2277
<211> 427
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2277

tctttgatgc tgtaagggtg ttatattgta tgcattgagat atatatgtat tcatttgatg 60
cacacaacac caacaccctt tttgcacaca cggtaggttg aaaagggggc ctatactcag 120
gccatgggaa cataacgagt ggaagtgaat ctatgggtcat gctgggtctc cgacttgctt 180

gataacagtg aaccctcatc tagagttttt ctctttgata acatattgtt gctggtagtc 240
 cctactgtcg taatatgttt gtcgaagggg atgatacctc tagaaaccat caagagagat 300
 atgaccacct tgggaattat cactaaaagc ctttttagttc ctctgttta ggccctaan 360
 ataggggcac aaagcgaaca cgctgcgtga tatttacata ctgccatgca tatanatgtc 420
 atgtaca 427

<210> 2278
 <211> 420
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2278

agcttgaagg actacgttac acggatgaag gatggtcaga aggacattta ctacatcaca 60
 ggagagagca ngaaggcagt ggagaactct cccttcttgg agagactcaa gaagaagggc 120
 tatgaagttc ttttcatggt ggatgcaatt gatgagtatg ctggttgaca actcaaggag 180
 tacgatggca agaaattggt ttcagctaca aaggaagggg tgaagctaga tgatgagact 240
 gaggaagaga aaaagaagag agaggagaag aagaagtcac ttgatgaact ctgcaaggtc 300
 atcaaggaca ttctgggaga caaagtggag aaggttggtg tctctgacag aattggtgat 360
 tccccttgct gtttggcgac tgggtgaatat ggatggagcg cacacatgga gaggatcatg 420

<210> 2279
 <211> 427
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2279

tgtgtttctt catcgcaatc tccattttcg atgccttttg tgattctgaa ttntttgtat 60
 ctggccttta ttgtgtcccg aatatcgaat ttcttggtta ttgtggagtt tttgcaatgg 120
 tggatatcaac attggcatca gtttttgact ctgtcagntt ggtcgtgttc ttctgggtgtt 180
 gcttcccacc tatgtgttta ttatacatgt ccttgctatt acattcacia attacagttt 240
 tatcatacct tgcttttctt tgcaggatta ctgcaatgac cagccccatt attggatato 300
 cttaaagaac aatggtcaac tttcctacct taactctttt ctgcataac atgaggtgaa 360

acaaaactca acaggtgcaa cttagccaaa agaaattatt gaatatacaa caacttgagt 420
 ggtctat 427

<210> 2280
 <211> 332
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2280

agcttgccac ttatctcgcc caggcgagct catttagccc aggcgagtat ggttgcttcc 60
 tccacacgca acagccttct ggaggaatct tctggaggcc ccaagtgggc ctggttgcta 120
 ttgaccccg catttttact aaggacaccc cccgtttcta tttttttgga actctttttc 180
 cgtaacgnta cgaaacttta cgaacttcgt aacgatactt aatttttctt ccgcaagggt 240
 atgaaccctt acgacttatg tatttactct tttttagctt tcgaagaagt tacggaaact 300
 tacggattgc gcaaaaacac ctctttttga ct 332

<210> 2281
 <211> 399
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2281

tgctcanag aggtccagga aggacaaggc ggccgaagga actagttccg ctccggagta 60
 cgacagtcac cgctttatga ggcgtgtaca ccagcagcgc ttcgaagcca tcaagggatg 120
 gtgcgtttctc cgggagcgac gcgtccagct cagggacgac gagtatactg attttcatga 180
 ggaaataggg cgccggcggt gggcaccact ggttactcct atggccaagt ttgatccaga 240
 aatagtcctt gagttttatg ccaatgcttg gccaacagag gagggcgtgc gtgacatgaa 300
 gtccgtgtgtt aggggtcagt ggatcccgtt cgatgccgac gctatcagcc agctcctgtg 360
 atatccgatg gtgttggaag agggccagga atgcgagta 399

<210> 2282
 <211> 482
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2282

gctttggggtt gaacctgana tgaacnatga tacatgaata cggacctatg aaataacctt 60
 gtgttatttt ctctgatggt tcattgctct taacgaagtt gagcggttaa ttcgcttgta 120
 cagaagacta tactgagctc acgtagaatg tgcaaatgca tgtacacgcc ttgagcgatt 180
 gactcatcta ctactagag cccacaagc ttatatatag catgtcccag ccgatatcaa 240
 aggtactttt acacgatgac atgtgatgca cgagagccca ctctactaca tctgccttga 300
 cagtgtaccg cactgtgaat gaggaagaac acatttccta ctagcactag aaagaaacat 360
 agatagaatc tgtaagcgaa aatacctgaa agaacctccg catgcttgct gacatatgta 420
 tggtagatcg cacatgtact ccatggtaca ccgtgaatga tgacctccc atatgatctt 480
 ct 482

<210> 2283
 <211> 331
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2283

agcttccctg cacatatnta attattaaat ataaagaacc aatgcacaag tatgctagac 60
 aatccaaata attgccacca cttanacctc ccaattattc ttcaatttat aattataacc 120
 aacatacagt ataaatatga tgattaatac atttctatgt agtattttat gacttaaaaa 180
 gataatttta atgagatatt agaaaaagtt ctattgctaa ttttaaggat ttttaaagaa 240
 ctaaggagct aggaatcatt agtagtggac cctaagctaa ggggtgtatta gactaagtgt 300
 agtgggtata agcaagataa tataatacat g 331

<210> 2284
 <211> 220
 <212> DNA
 <213> Glycine max

<400> 2284

cctttgcttt gaaagattga agaaatctag atctagtatt gttatgaaca tttcaactca 60
 acaacttaat ccagctggt ttgaaataat aataatactt gtcactcata aaaatattaa 120

tgcaagttgc atgacattct tgtctgtctc actatgaatt accttaatga cctctgcata 180
agctggttga aaaagatctg taaacagatt tgagttatat 220

<210> 2285
<211> 399
<212> DNA
<213> Glycine max

<400> 2285
agcttgact tagttgaaat aaacatttta tagtcatgta tcgttttgaa tatggcaatt 60
ttgcattatt ttccccctca tattgggttcc taggagtgtt ttttaagtga acagaaatag 120
taggcaaatt gtatattgac atggaaactt aactgttttt gtcgccgttt atctggtcct 180
acaatgtctg aaccattttg tttgggttaga tcatagatta atgtttttgg gtgtcatgca 240
ttactatatg ttcagtttgt ttgttttttt aaagtatatt ttcagtttgt gttagtgatg 300
caatgaaaaa ttaatgattg aataaaaacta atgagaacaa aattgtatct caatgactgt 360
gggttgccgc tacggaatag cctcgactcc attagaaca 399

<210> 2286
<211> 405
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2286

tgtgcccnc tctctccaac tcacttgagn tttacttaag catatacctt gcttggtctc 60
ttcactcata ttcttacttg agogtcagag tcttctatatt tgcaccctct ctccagctca 120
cttgagtttt acataagcat atacttgttt tgttctcttc actcatattc ttacttgagc 180
gtcagagtct tctattttgc aggtccccc tcctatcaaa ggtacctctc caagatgaca 240
tgtgaagttc gagacccac tcaactacgt ctgccttgac gtgtcatggt tttggatttt 300
ggtaagaaca caaccctcac ttgaacttga aagaaagata gagaaaatag ataaggaaaa 360
atacctaaat gaacctttgc ttgcttgctt agatgtgaat ggaac 405

<210> 2287
<211> 450
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2287

agcttgcca tggtttagac atgattgata catgatttag gactttagg attcaatttg 60
ggaaaaattg gatgaggcca aatgtgattt cgaaaatctg cactttatgc agaattttgc 120
tgtcaaatat gtgcagcaga attttggctt tgtgcataaa atgttgtgta tttgctggtt 180
gtggaaagag tagtacagat tgtgttcttg atgttttcta gcagatccca acggtcacaa 240
tgtagactta tgtgctagag acttccagta aaattttcga gtcgatccaa tggttaacga 300
attggaacga agagaatgtt actgggggat ttaagtgaga aaagtgtgta tattggtttg 360
tgttgggcag agttttctgc ctctgcccta ttnttccttg gtttgatatt tcatgatgtt 420
tgggatgttg aattgctcgg atgttgtgga 450

<210> 2288

<211> 407

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2288

gaaatgacaa taactntata cacggatgtt ctgttgagtc ccgtttatat cgagacgctc 60
aaaattttaga tccgaagctc tgaaaaaatt gaattgacaa taactttata catggatgtc 120
cggttgagtc ctgtaatata tcgagacgct gcaaattgaa aacggaagct cgtaggaaat 180
tcaaacgaca ataacttttt actcggatgt tcgattgaat cgggtaatat atcgagacgc 240
tcaaaattga gactagaagc tctgagcaaa tttaaataac aataactttg tacacggatg 300
tccggctgag tcccgtaata tatcgagagg ctccacattg agaacggaga ctcttagaaa 360
attcaaacga cactatactt ttactcggat gcccgacaga gtgtcgt 407

<210> 2289

<211> 407

<212> DNA

<213> Glycine max

<400> 2289

agcttcaggc tgctcgattg ctccaggttg ctgcatggaa gggcaaaggc ctgtatggtg 60

gtcagcagag gagcacaaac cacaaaccct tgcaacaggt acaaatttct gattcaaggc 120
cagctggggt accaagttaa ccaatgcac cagtttgct tcaagcttct tagtctcaga 180
tgatgcagct gagttttag ctacctcatg cactcctcta atgactatgg catcatttct 240
ggcgctaaac tgctgagagt tggaagccat tttctcaatt aaatttctgg cttcagcagg 300
agtcatgtct ccaagggctc caccactggc agcatatata atacttctct ccatattact 360
gagtccttca taaaaatatt ggagaagaag ctgctccgaa atctgat 407

<210> 2290
<211> 454
<212> DNA
<213> Glycine max

<400> 2290

tgcttggtga gcttctatgg aggtctggatc tttagacttc aatgaggtcc tctaattggtg 60
attttccacc atggagatgc agcggaagac aaaggagaag aggttaagagg tggcgccatc 120
cattagggaa taagccatgg aagaaggagc ttcaccacca agatgagcat tggataagaa 180
gcttgagagag gatgcttcaa tggaggaaaa gaaagaggga gagaaagaga gaggggggag 240
cacgaaattg aaggaagaaa aaggagagaga agttgaactt tgagttgtgc tcacaagact 300
ctcattcatc aaagttacaa caagtgttac acatgcttct atttatagac taggtagctt 360
ccttgagaag atttcttgag aaaacttctc tgagaaaactt ctttgagaaa acttccttga 420
gaagctagag cttagctaca cacaccctc tcat 454

<210> 2291
<211> 435
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2291

agcttgagct tggtaaccc cgtaatccaa tgaatggaaa ttctgattgc caatacttca 60
acaacatctc atagggatga atgactcggg catactttaa gcttatgcac ggaaaatgta 120
attatgaaat tgagatgcc gaagaaacac catttcctag ttaaccatgc attaggtacc 180
atgttcaatt attttgttt ggtgttgtgt gtgtttttt tttagaaatg ggtttatgat 240
cccaacatgg ttggctcatg gtgcctaaca catgcaacta agaatgtagt gtgaagtttc 300

acgcttcccc ttttttgttt tggttttagt aggaaaacgc aaggatgagc aaacatgana 360
 acaaattggt tccaattntg cagatcaaaa agtttgttga acgcatatgc atgatgatgc 420
 catgactcat gcaaa 435

<210> 2292
 <211> 432
 <212> DNA
 <213> Glycine max

<400> 2292

tcaagtgaac tagggagcag ataagaagtt ctcacccggt atgtcgaaag ctagaaagag 60
 gagcctaggc aaaagttagg gaaataaaaa aggaaaaaaa aaataggggc gtgttatcaa 120
 aggttttgtc caaaatctaa attgtaaaag tctctagtca atatttgaaa tgacacatgg 180
 tcatgcttca ttatcccaa cactaattta tcccttgta ccccttctga gccaaagcat 240
 atttgttttc ttttaaaaca acaacaaca caacaaaaac ccgtagtagc aaccaccgct 300
 gagccggcgg gaagagcaag gcaaacatca tatgcatgag gtaagctcta tgttgggcaa 360
 caatgatgtt aaggaaaaaa agcagaaaagc atatctgcc aaggcgagca aagcaaaaag 420
 agacaaaaga tc 432

<210> 2293
 <211> 369
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2293

agctttcana ttaaagtacc aaagtacaca acataaacta atacctacta aatataaatt 60
 agtcatatcc aactacacat cctaataaca aaataaaaca agaaatgagt cttcactttt 120
 cttcattttt atactagatc tttattagca gccttccttc tagtgaacct tgggtgttggc 180
 atgaaaagta aggggtgctgt tgggtgggcca tccacaacag gtgcgtctac tgttgaagtg 240
 tctgaaatgt tcttttgttt ggggtcttctt atgttttagct tataccttgc tactgggtgga 300
 acatcaacaa taggtgtagg gacctacatg caaatgccaa acatgaataa cacttgcaat 360
 atatataaa 369

<210> 2294
 <211> 441
 <212> DNA
 <213> Glycine max

<400> 2294

tgtaatggta agaaaagagc aacacacaca atcatcta atgcagcaag tattaataaaa 60
 aatagtaagt ataaaataaa agtgtgtgct gccaatgaag aaaaagaaaa gctaagtgcg 120
 gaaaagcaag taatagagct ggaataaaaa gaaaaggtt gatctaagga tgaatgctct 180
 cctagaacct aagcttttgc atcctagaaa aacctgaat tgtttgcagc ccagcctcgt 240
 tacaagccta caaaagtcct tcgaattcag tttgtgtgtt cttgactgta tggcatgaga 300
 tgaattgcaa agattgagac ttttgtagt tgtggattgt tgaataagcc taaacacttg 360
 tgcttgaggg aaacaatgac tgtgaggatt tggtaacga tccttccttg atatctgtca 420
 tgcttaccag cttatttcag c 441

<210> 2295
 <211> 267
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2295

aaataggact aattaatttg ggagacgcta acctatacca acatacatat cattaagcgg 60
 caactgtaac cataattgat tgatgtaacc accagttgca attattgatg gttattccaa 120
 gtattgacca ataanatcac agtctataat tgcgaataat tcctcaatat ttcccagcac 180
 atatgattgt taattggtac gtggcactaa attcttactt ttccttcctt tgectacttt 240
 gacttgtgct tgtgcaacaa gtgatga 267

<210> 2296
 <211> 431
 <212> DNA
 <213> Glycine max

<400> 2296

tgaaggatta taactgtttc agtattatga tggacaacat gcttcaagta tcatagctta 60
 caacattttc tttttctgga tgcagcgtga actttaagca atgtatactc gtaccataaa 120

aaaaaaagtt ggactgtctt cggaaaatga ggcacaaaac cttgaggcac tgtttgagtc 180
 cataatcaga ttcagatgcc tccctggacc aattattgac gaagataaag cactacaaat 240
 gtctgttaat gttgtttgtt atatcacttt tcttgatatt gcttatttca gtgttctgat 300
 ggatggggtt ttttacattc ccaattttct gtatagtgtt atcatgccaa ctcattagcc 360
 atgtaacaat tagtatcatg tactagtact aaagctagtt cttattacca tggacatgct 420
 caaatgaaat c 431

<210> 2297
 <211> 386
 <212> DNA
 <213> Glycine max
 <400> 2297

tgaaggtttg tacatgacca aatctttagt taatcttctt tacctaaagc agtctttgta 60
 ttcatttaaa atgcatgaag atagatcagt aggagaacaa ttggatttgt ttaataagtt 120
 gattctagat cttgaaaata tcaatgtcac cattgatgat gaggatcaag ctttgctatt 180
 gttgtgctct ttgcctaaga gttactctca tttcaaagag actctactgt ttggaagaga 240
 cttcatttct cttgatgaag tgcaagctac tctgaattca aagcaattga atgaaagaaa 300
 ggaaaagaag tctctacaa gtggtgaagg gctgacagca agaggcaaga ccttcaagaa 360
 agatattata tctgataaga agaagc 386

<210> 2298
 <211> 341
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2298

agcttgtagt ttattcaaac gacaataact ttatacaagg atgtccgatt gagtgccgta 60
 atatatcgag acgctccana ttgaaaatgg aaactcgtag caaattcgaa cgacaataac 120
 tttttactcg gatgtccgat tgagccccgt aatatatcga catggtccaa attgaaaacg 180
 gaagctcgta caaaattcaa acgactataa cttttcactc agatgtccga ttgagtcccg 240
 taatatatcg agatgtcca aattgagaac gggagctcat agcaaattca aacgaccata 300

actttttact tggatgtccg atggagtccc gtaatatatc g 341

<210> 2299
 <211> 401
 <212> DNA
 <213> Glycine max

<400> 2299

cttgagcaaa ttgaaatgac aataacttta tacacggatg ttcggttgag tcccgttaata 60
 catcgagacg ctccaaattg aaaacggaaa ctcttataaa attcaaacia caataacttt 120
 ttactcggat gcccgacaga ttgtcgtaat ttatcgagag atgctccaaa ttgaaaacag 180
 aagctcgtat caaattcaaa cgacaataac tttttactag tatgtctgat tgagtcccg 240
 aatatatcga gacgctcaaa attatgatcc gaagtcttga gaaaattgaa ttgacaataa 300
 ctttatacat ggatgaccgg ttgagtccct gtatatattg agacgctcgc aactgataat 360
 ggaagctcgt atgaaatgta aacgacaata actttttact t 401

<210> 2300
 <211> 168
 <212> DNA
 <213> Glycine max

<400> 2300

tgcgtttata cgatgcgtgc gccttcttgc cccgagacgg agccacaaca cctttttattc 60
 atgccgactg ctcaggccat gcctacggtg acgtccatgc cagctccggt acacaccccg 120
 caccgtgca accaagatcc gaattactac cggatccact gcccatgc 168

<210> 2301
 <211> 296
 <212> DNA
 <213> Glycine max

<400> 2301

gctttgaata tataaataaa taatgacctg taacatcaac aaagacatca tcaactttttc 60
 gccagtgctt tcgatggtgt cgatacgtaa agatagcccc aagacacaga atgcaaattgc 120
 ccacacttgc taacgacatt ttgcaatttg atttgtgggc tgaagctgca agaagaggca 180
 aactttaag agctacctag ctaatcgttt ttattttcat tttattttcta gatcttattc 240

ttcaagttaa attacacatt ctttaatatg taccataaca taattacacc ctcctt 296

<210> 2302
<211> 314
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2302

taactgtaat gaattataac ttcatactac gagtgcgagt ttattattcc catattttct 60
ctactatgat gttctatatt cagctagtag atatttcaat gttcttcaag tgcatttatc 120
cctaattgtg ggatcattca ttattggaaa atttgggaata ctgaaaaaag tttgctactt 180
acaggaaaac caccattcat gtataacatg ggacggcttg ctgaatactg cagtgtgcc a 240
acctatggag tgtctgtatt accagactca ttgccatata cagagtctgc aattctaaga 300
tgtgctgtgn ttac 314

<210> 2303
<211> 503
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2303

attgaacccc ttgagacccc gngatcctca gagtacactg tggctgcagc tncatggaat 60
caactagatg ccctacttct aaaaatggct aatccgatna ccaaccaaca atacccatct 120
ttttccttcg tgcaagcacc atcggccgct tccggtttcta ggggtgggtgc gccttctttg 180
cccgtgccgg tgcaacaaca ccaattatcc atgccgactt cttttgccat gcctactttt 240
gccgccatgc caactccggt tccacacccc gcacccttgc aaccaagtcc cgcattcatta 300
ccggctccac ttcccatgcc agctctgcat ctcccegetc tcgatcacgt ttgtgctgct 360
attcccattt tcgacaacct cttcagtact gtccttogtt atggccatac aacagctcct 420
catgccaaagc atggagaaaa tatagacatc gtgctgggtg agctgggacc tggatntttg 480
ggactatatg gctcatgcaa gcg 503

<210> 2304
<211> 462
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2304

actcagctgc ttctacaatc tcccnctttn tgatgatgac aacttctgtt atcacgaagc 60
actttcacac acacacacac tnttcctagt cgatcactct cataaatttc cattctcccc 120
ctttgttttt gaatttatgc ttctcttaaa attaagttga ttactcatgt gacttcttga 180
tttaatccct atttctctcc ccccttggca tcaacaaaaa gccaaagtgc gtaacaaatt 240
tgaagcatgc aaatacaact aagcatccac acaacattca tgaaaaatat aaaccaaatc 300
atgaagcaag aactatgagg caagaaccac gaatataaaa tccacgtagt caaataacat 360
aattaatatt tgttcaaaca tactatgcaa ataaagaaat agtaaattgt tcaaatatca 420
tcataatata gattatttgg ataagtcact gacatctatt ag 462

<210> 2305

<211> 417

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2305

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gtttgaacta cagctaccct tanatgatat ccaaagact tgaaattttg tgagcaacac 120
cctaaaacca tgaaaagata gcacaaaatt ttcagacaaa aattcaaagt ctaactatgg 180
aaactaccta aggaaagttt agaaaaataa aacaataaaa cttgaaaaaa aaaactggta 240
aacaggtgat tttggctagc tagagacctc agccaaactt tggctggctg cagcagtatg 300
ggaaattttt ttctaccca aatacatata taataatagt cattctgata cccggagcaa 360
aagttatggc cgtttgaagt tntggtaaac acaagttctc aaattttttt gaatctc 417

<210> 2306

<211> 426

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2306

tcntatttaa atttgaacg tcttgatata ttacgggact ctataagaca tccgagttaa 60

aagttaatgt cctttgaatt ttctcggagc ttttgtttcc aatttggagt gtctcgatat 120
 attacgggac tcaatcggac atccgagtaa aatgttattg tcgtttgaat ttgctcagag 180
 tttctttttt aaatttcgag cgtctcgata tattatggga ctcaattgga catcggagta 240
 aaaagtatt gtcgtttgaa ttgctcaga gcttctgttt taaatttcga gcgtctcgat 300
 atataacgag actcaataag acatccgagg aaaaagttaa tgtcatttga atttcttcga 360
 agcttctgtt ttcaattttg agcgtctcga tattttacag gactcaatcg gacatccgag 420
 taaaat 426

<210> 2307
 <211> 364
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2307

ctcggatgga tctcatgcta tgatttatcg nattggtgat tcaaagtcag tctcatacca 60
 ttggtggttc gaactcaaat cgtgggtactc caggttcgtc taacggcatt ccggttactt 120
 tgattatgac agtttctgca attcgagaca tttctttggg ttttccgcat tttgatggca 180
 atacaccggt cttggagtgg atcttcaaag cagagaagtt cttcaattat cataacactc 240
 cagatctgga tcgagttgat attgcttcta ttcattttga gaaggatgtg attccttagt 300
 ttcagatggt gcaacggatg caagttgtga gcatttgggc tgagttaaca cgtgctttgg 360
 aaac 364

<210> 2308
 <211> 456
 <212> DNA
 <213> Glycine max
 <400> 2308

gcttatcccc taatgcacct attccattcc tcccatgggc atcatcacca taaacagcaa 60
 taacctctct ccagccaaag tagttaacaa agtctgctat tgcagtcatt tcataaatgt 120
 cactaaaagc agttctaata aagaatggga attgaagtga agaaagagta gggtcagtgg 180
 ctgtaaatga tagtagagga acttgagact cgttcgctat atgagatatg acatgagctg 240

ttgtagacgt ctggggaccg attatagcca cagtttgtgt tgccatgagc tgcaaggcta 300
 ttacacacaa tttatgtaaa ccaagagtaa taatctgcc aactttgaag taacttgtct 360
 aatagaaaaa aagatgcttt taaagtttta acacataaaa aagatgggaa tattgtgaag 420
 gacgtaccct cggcaatgct cagaaaacct ctgtat 456

<210> 2309
 <211> 398
 <212> DNA
 <213> Glycine max

<400> 2309

ttcttaatca aaactcaata gtcattatta aaataatata tatctagttg atccgtcatt 60
 gtgttttgtg gttgaacttg ttcttcttgt attcaaggat ctgttgtgca ataagatcca 120
 actcattctg gggatggcca ttgttaacat ttctatattc atccatttga taagatgaac 180
 tatgtaagtt gaactactgc atatgttgtg gttgtgcatt tcatgtggct gcactacaaa 240
 atttgaggga ggaggtaaaa cccaattatg ttgattaatg tagggagtaa caatcatgtc 300
 aatgtctttt aaggttgtgt catggatgct tcttcttttc ctctttttct ttgaggcatt 360
 cttgccgtta aaagtacttt tgagcatgac ttgtaact 398

<210> 2310
 <211> 449
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2310

tctgcaagct ggaaccatth atcctatctc cgacagccaa tgggtgagtc cagtctctgt 60
 agtcccgaag aaaaccggcc tcaccgtgat aaaaaatgag aaggaggagt tgattcctac 120
 tcgggggcag aacagtggga gagtctgcat cgactatagg aggctgaacc aggttaccaa 180
 aaaggaccat tttccctac cattcattga ccaaatgctc gaatgcctgg caggtaaata 240
 tcactactgt ttcttgatg gtttttctgg ttatatgcaa atcactattg ctctgagga 300
 tctgaaaag accacattca cctgcccctt cggcactttt gcctatagga ggatgccttt 360
 cggcctgtgg aatgcccctg gtaccttcca gcggtgcatg atcaatattt ttagtgattt 420
 tttacaanat tgcatagagg tgtttatgg 449

<210> 2311
 <211> 142
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2311

gctgcanaat cccttnttgt tgggtgtgtgt ttttttttgg tttgtgctaa aggtggtcct 60
 cgtcattgga agtgcggtag acaggccttg tggttgattt agggatggcc tttgtggata 120
 actgggtggt gggtaaggag ga 142

<210> 2312
 <211> 448
 <212> DNA
 <213> Glycine max

<400> 2312

tagagttaag tctcgtatcg gtttaatcga ttatcgatat ctcataattg attacactgc 60
 tgtttgagac aatgattgat ttagtcagga gtctccactt taatcgatta ccaagtggat 120
 taatcgatta cttctctctc gttcatgtgt tcagagggtga aaaagaacac tttaatcgat 180
 tacataggtc atctactcga ttatattgtc cttgagttgt tttctagatg ttggatgaac 240
 actttaattc attacttaga taatctaadc gattactttg ttaaaataat cgattacctt 300
 atagatttaa tcgattactg acaattataa ttgttttctc tataaataac cttatgttag 360
 accttgtggc ctcaataatc ttaagaggga tagacttaga atgctgaaga agcagcaaca 420
 atcaatttaa taatgttctt taaacatg 448

<210> 2313
 <211> 361
 <212> DNA
 <213> Glycine max

<400> 2313

agcttgccac tgtagcagtt aagggaacaa atgaagtgtt attaactaat aagatttcct 60
 gcatgttatt aactaataag atttcgttac tgctttcagc cctttgatga tgattatcgt 120
 agccatcatg ggtgccttca tcctttcaga aaaaatatat cttggagggt aagtactcaa 180

tactcatatt cactcccaat gaacatatct tgttttaggc acaaagaaag aagcttaaac 240
 gttttaattg actcactctt gtagcataaa ctaaaagttt ggtgtttctt acataaaagt 300
 tgaaacatga caatcttaaa aagctatagt cattagagca tgttaggaac tgggctgatt 360
 t 361

<210> 2314
 <211> 413
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2314

tgacatgcta ttgaacaagc agttatatac tctgcttcac ttgtagagag tgcaacaaca 60
 tcctgtttct tagagcacca ggagatggga gcacctcaa acaataaaac atgccccatt 120
 atgctttttc tgtcaagaac atctccacca cagtctgagt ctgaataagc cacaagttgt 180
 ggctcaacct tctctttcta atgtggaaat agaacaccaa agtctagtgt gctctcaagt 240
 atctcagtat ccttttagct accatcatat gtgaatgtct tggatcactc ataaacctac 300
 tgataactcc cacattgaaa gtgatttctg gtctggaatg acaaataaat ctgagactcc 360
 caacaatntg cctatacaag gtacaatcca ctacaggttc agctttacat tta 413

<210> 2315
 <211> 361
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2315

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 ggtgattttc caccatggag attcagtga agacaaagga gaagaggtga gaggaggcac 120
 catccactag ggaataagcc atggaagaag gagcttcacc accaagatga gccttgata 180
 agaagcttag agaggatgct tcaatggagg aaaagaaaga gagagagaga gaaagagaga 240
 ggggggagca cgaaattgaa ggaggaaaag ggggagagaa gttgaacttt gagttgtgtc 300
 tcacaagact ctcatcattc aaagttacaa aaagtgttac acatgcttct atttatagac 360
 t 361

<210> 2316
 <211> 399
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2316

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 ctgctatgaa atcaatgatg ttgacaacaa caacaacaat tgttgttgcc tcttggaaaca 120
 ccgcgagttg tacaagaaaa attattgtct ttatgaagaa tcacttcaga agcgtgtcac 180
 aagatcaggt cctattccca aggctagtaa taacaacaaa accggtgtga tacggttctt 240
 gaaccgtgac ggtgaagttg ataggccaaa gagtagcgtt aataataggg ttttgaggct 300
 ggcgccgcca tcgacggtgg gcgngcggn gctggcgggtg aagtatgcgg aggtgatttt 360
 gtccgcagag cagtggttgc acgctccggc aacggtggg 399

<210> 2317
 <211> 330
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2317

agccaaaaac tttacaatg accanagcaa gacatctaca ttcaacttca gtacttgagt 60
 gtgcaacaac aaattgcttc ttagaccact aacagatgag attggggctg aagaagacac 120
 aagcgtcgaa ggtggaccat ctgtaatctg ggtcagacgc ctagtcagca tcacagaaag 180
 tcacaataga aaaaagggtgc agaagcaagc ttgaaatgcg agccccacga gatgggtccc 240
 ttgagatacc gcggtatccc cttatggtat catagtgtaa cgccctgaaa tttcgctaac 300
 tggaaatcga ttttaatgta tttctcatct 330

<210> 2318
 <211> 426
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2318

acattntagc ttcaatgcga gaagacatac tcatggctag gaatccaaaa tttggtttta 60

gagttagaaa agcatgaaaa ttaggacttg cttgtgagag tttttactcg aatttgggct 120
 gccccatgat cgatactttg cacctaagtg acgtgggaaa tgcttttcaa tggatatgtg 180
 atatatgtgg ggcatagaat tccttgccaa gtgtgaatga ttattttcct aaatgaatgt 240
 atgatagcac gtaattccct tttgaatgca agtgtgtgca taatgtaa atagcttgccaa 300
 tatgaataaa tgtgagtga acaataaaat ttgtatgata tatattttcan atatatgtan 360
 gtagttggta atagcaa atg ttttaggatat aaattagggtg tgaattttga cgcaatgcct 420
 tgagcg 426

<210> 2319
 <211> 226
 <212> DNA
 <213> Glycine max

<400> 2319
 aaaaccacgc cgaggcgctt cccgaacgtt tctggtacgt ttccgggagt aattacgcga 60
 agattctoga ccgttcttca acattcatcg ttccggtcttc gttttcttca gcttcaacgg 120
 gtaagtacct ctaaccgagc ttttctatta ttttatgtac ccgtgggggc cacaatttgt 180
 tcatgtattt tattctcgag tcattcgttt tattccccct ttgacg 226

<210> 2320
 <211> 420
 <212> DNA
 <213> Glycine max

<400> 2320
 tctagaaccc tagcttggtc caaaaatcaa accacatggt gattaagtta tataaaatat 60
 tttttattta actacatgtc tttaaattta aatcttaa atataatcat attaaatatt 120
 tagagaaaga attttaccgt gtataataac tctatcgtct atgattttta ttcaaaaaag 180
 atttcaatcc taagagcaac ttaatagaaa tacactacac tacccaaata tacatgggtg 240
 tatctagctc gacagatatt tatcaaaata ataataatac atgtcgtctt aatcttagat 300
 tattattgat tatgtaggct ctagcttctc ttaatatatt tcctatcatg catgtttcct 360
 ttgttgggtg tgttgggtgt gttattatta ttattattaa tattattatc atagaatatg 420

<210> 2321
 <211> 372
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2321

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 gttggaggac cattgccgcc cttaccgacc tcgtcacaca cccatcacca ccaactgcgct 120
 accagagcga gctatcttac cttcaccacc caacctggcc tgcacccctt cccattccag 180
 accccaagtt aaacatctaa ccccatgaga aagggcccgcc gaacgcgaac aaggcctatg 240
 ctataactgt gacgacaaat aagggcccaa ccatcgtgtg cgcgctcatt tctttntggt 300
 gattgccgac aatcctagca ccaactatccc actcgaaacc tatgttacca naccacctat 360
 cccaccttct tt 372

<210> 2322
 <211> 403
 <212> DNA
 <213> Glycine max

<400> 2322

tcaagtaaga accttgaacg aaaatgagga agatataaga cgaaaaaaga ggtttaaggg 60
 cttettacca aggctttgag agaacaagtc tcaaaacact aagatagagc tcgcattacg 120
 acgaaaatgg tggcctttcc ctccttgagt atctcgtgaa aatggaacag aatgacagtc 180
 caagttgtga tttttggaaa gaaaatggtg agaaacgatg gaaaatgatg caaggctatt 240
 gatgtattag attgacaagc ttaaatagacc atagtatagg ccatcttga catgtcaatg 300
 ctagccataa gtaagtagtt taggttttga attttttagcc aacaatggta aaaaattggt 360
 tttaatgaaa tagataaatc atatcttaaa tgtctagaat aac 403

<210> 2323
 <211> 298
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2323

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actaaccgcc tgagaacttt gtcgtaacac attggagggt acatcctttg tggtaacaagt 120
agaggggtaca tctactgggt tggtgtgact gagaacaaga gaggggtacat ctcttgtgga 180
ttagttcaag tggagggtac atccacttgg ttgttcaaag agaacaaggg aggggacatc 240
ccttgtggat cttttgcttg aaaggatatt accaggttga aaagaaatct caatgact 298

<210> 2324
<211> 248
<212> DNA
<213> Glycine max

<400> 2324

tctaaggagg tgagcttagt tatgagaggt gtgtatgtat ctaagctcta gcttctcaaa 60
gaagtattct ctaagaagct actcaaggaa tgtttctcaa gatagcttct caaggaagct 120
acctagtcta taaatagaag catgtgtaac acttggtgta actttgatga atgaaagcct 180
tatgagatac acttcacagt tccacttctt tccctctttt attccttcaa tatcgtgctc 240
cccccttc 248

<210> 2325
<211> 357
<212> DNA
<213> Glycine max

<400> 2325

ctttagctat gtgtgctgat gttggctaca cagatagagc atctgaaatt ttttatgaaa 60
tgaaaagtgc tgggacttgc cagcctgaca gttggacatt ttcattcatg attaccatgt 120
attcccgcag tggtaaagtt tcagaggcag aagggatggt gaatgaaatg atccaatctg 180
gatttcaacc tactatTTTT gttatgacat cactcatctg ctgctatgga aaagcaaagc 240
gaactgatga tggtgtgaag atattttaaag agctcctgga tgtgggcatt gttccaaatg 300
atcacttctg ctgttctctt ctaaagtgtc tgactcaaac accaaaagaa gagcttg 357

<210> 2326
<211> 459
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<400> 2326

agctngcagc tattagaaga gaaagaacat gtgattagaa atatgacaga atatgttagt 60

tagttttgtca gatggattgt gaaggaatgc attaaccaca tcccgatgag agtgtgatcc 120

ttaaattntg agagcaacaa ctattattta gtactgattt ttgcatgaat ctttgaagta 180

tagactgaat gcatgaattg aggatgatga aggccatggt ttgattgtga tagctactta 240

gccaaaaaga tgaccttggt cttgaatgaa ttatccctta tttgagttga atgaattatt 300

gattggttga accttgagcc tatacagtgt tatctcctac taccttgtct taggtttag 360

gagagcatca tcaacaaaaa gcttggttca aagaanattt gtcccanatt tggnggaaaa 420

tactgggtaa gaattgaaat ggtccaagta aatagcatg 459

<210> 2327

<211> 456

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2327

ataacgcttt catctcttcc accaatgtag agaacactct tgctgtatgt atgtgtgtat 60

attntgttnt tctttntaaa aatttatata tatatatata tatatatata tatatatata 120

tatatatata tatatatata tatatatata taaatctatg aaaaattgta caatccacag 180

gtttatcggc ttgaacgggt gaaaagctga accgctctat aataaaaaaa atattaaaaa 240

agtcaaagca agatattgga ttcaaagtgt gtgtacatac acgacaaatt ttcaactgca 300

cttcgctctt ttaatgacac ttttctatgt gtctgttacc cgcaaattaa gcgcgaaaat 360

gacatagagc gtgtgaatat aaattatatt gttttgcttt atacaacatt gaaaagacca 420

acatagggtta tcatgtatgt atctttgaga tataag 456

<210> 2328

<211> 430

<212> DNA

<213> Glycine max

<400> 2328

tgattttctat acaaaagtga ttcatgtaaa gcgactaaca tactccccca aatttacaat 60

tttacttgtc ctcaatcaaa gaaagaacag ttcacttgtc ctcaagtgac aaagacaatg 120

gccaatcaaa agaaaatggt gtttgattca tcaaggacgt caaccatattg aactgaatac 180
catggaatgc ttaaatcaat tactttctcac aagcatgcag ttttttcaaa gataagagca 240
caagtattag agtcacagct gaaataagct agtaagcatg agaaatcaag gaaggatcat 300
caacccaaac ctcacagtca ttgtttcact caaactcttt tttggcttat tccatcataa 360
acaaccagca cgagttccaa ccttttgcac taatctccta tcatacagta atgaacacac 420
aaaaatgaat 430

<210> 2329
<211> 445
<212> DNA
<213> Glycine max

<400> 2329

tgaaggtaaa ctagatgcct tgggttaacct ggtaacccaa ctggccatga atcaaatac 60
tgcacctgtc accagactct gtgggttatg ctctctgcc gaccaccaca cagacctttg 120
tccttctgtg caacaatctg aagcaattga acagcctgaa gcttatgctg caaacatcta 180
caatagacct cctcaacctc aacaggaaaa tcagtcacaa cagaacaatt atgacctctc 240
cagcaacagg tacaatcccg ggtggaggaa tgatcccaac cttagatggg tgaatccttc 300
acaacaacag caacaacaac cttattttca gaatgctgct agcccaagca gaccatattg 360
tcctccacca atccagcatc aacaacaata acaacaacaa cccagaaaac agcaacaat 420
tgaggctctt ccgcaatctt ccttt 445

<210> 2330
<211> 474
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2330

accgctgca tgctgtctnt gtccgcanat cctcatttta agactacacc caatttagac 60
aaccctctta ggttttagact aacttaaact gagtnttgto cgcagatccc tcatgtaaga 120
ctagactcag ctcaggtagc ttactaaagt ttagcctaag ctgtgttcgc agatccctca 180
tgtaagacta ggcttaaact aaacagcata attggaacaa cataattaan accaaaactt 240

aacacgcaga tccctcatgt aaggctaagt ttcaatacta cttcaatcaa gttctaaagc 300
aacagtacac tttccaatgc taaagtcacc taactgtgca cacaaatggg tgatcagacc 360
aaaagcatac aaacattaag cattgaacaa agaagacata atanattaga tattaggtat 420
ttacatcatt nggtcattag aaatccctaa ctatgggggt tagctagcca ttac 474

<210> 2331
<211> 447
<212> DNA
<213> Glycine max

<400> 2331

gactcaagga gagacttaga atggccttat agtagagttt aaaaaaacta taaaaaaaaa 60
gactcaacaa acctctagct ttggcccttg tttttcacac taattttcaa tttaaattta 120
ggaactaaga ttggtataaa ataggaacca attatagaat aaattgtgag ccaaaacaac 180
aagcacactt ccctttcact ttttttttca tggatactga tttttctgct aaattgtgtg 240
attttttagta ttttttcctt ttattcaaat cacttggttc ttttattatg actttttttc 300
ggatgtctag aaaattcagt aaaactttca gtcctaaatt caaagtaacc aattctcagt 360
aatttttaca agtttgtatg tcccagttgc cagcacgagt gatttttttt ttaagcatgg 420
tatattgatt gccttgggct tactttc 447

<210> 2332
<211> 400
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2332

catgcaagct ntntcacagt caactgtgaa gaccatgcaa ggattgcttc tggatntagc 60
ttcagctata acctcattag caatcaacac accatgaaga atatgccttc ctttcagaac 120
agcagtttgc ctttcatcaa tgaggtgagg gaaaacaaga gccagcctat tagccagaat 180
tttggaact attntataaa cacaccctat aagagagatg ggtctataat cattaagaga 240
ttgaggggta atgatcttgg ggataagggc tatgaaggaa gcattgcttc ctttggggta 300
taagccattg atgaagaact catccaagaa ccgaataaag tcagggttta gaatctccca 360
naacttcttg ataaaattaa agttcaagcc atccgagcca 400

<210> 2333
 <211> 453
 <212> DNA
 <213> Glycine max

<400> 2333

tcctagcggg ttctaattat atggggccatt agatctatca tatgttgaca atagccgaga 60
 agtccatgga tctcctcggg ggccggagtag gtgtccgcca ttgctttggc cttggctagc 120
 aatcggggaa gttcttgact ccggttcaag gtaagagcaa atcgggtccat ccatatcggt 180
 gcctcttgat gtaacgagtc gatcaccctt cctctagcct ccttttccgc gtacacttgg 240
 gcgtactcgt ccgccactct atgctcatgg gctggggcta gatttagttc ttcttggtac 300
 ttggtgatga tagctaacat gttggtctct gtttcgcata accgctgaga caagtttctt 360
 ttggaccttg agcaaacctt caactcatct ttcaagatca aactgtctac tcgtgattgg 420
 tccctttcct ctctccggag cttaagctcg ctg 453

<210> 2334
 <211> 270
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2334

agcttngca tatcanatca ctctacatc tcctctctag catgcattnt ctttctttac 60
 ccactcctca cgtttggttt tttaggggaa aaacaccata actaaacgcg ccgcaaggga 120
 tccctatcga accagatcca aatctagaac gatgggtgat caagaggaga cacaggaaca 180
 gatgaaagcc gacatgtcgg ctctgaaaga acaaatggcc tccatgatgg aggccatgtt 240
 aggtatgaag cagatcatgg agaagaacgc 270

<210> 2335
 <211> 427
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2335

ntcataggtg aaatcaggtg caaccatttc ccttagagtc ctctcacgag gtggaggttg 60

tgccatgttc tcagaatgtg caaaatcaga atgctcagaa tcagaatgct caaaattata 120
 atgctcaaga tcaggatgtt caaaatcacc aataacagaa tgcacagatt caccagttat 180
 ggaatgctca gaatgatcaa aagggtataaa atgatgccta actaatctat gaaatgtcct 240
 atctatctca ggatcaaagg gttgtaagtc agatggattg cctctagtca tacactacat 300
 tcagcatgca cacaactagt tgctttgtca tgtaaataaa ggtgtaggtt tgaactacag 360
 ctaccctcaa atgatatcca aatgactttg aaatttgtga gcaaccttat aaaatgatga 420
 gaagata 427

<210> 2336
 <211> 422
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2336

agctngacct ttgcccattgc taccatgtc taaagccaat ggtgcaactc caactggngc 60
 atcaaaggta gtctgtaaaa gtataaaaag gacgtgactt taactgcac tcaaaagggt 120
 ccctttttct tgcatttata ccaacttatc aatatatggg aaccatttct tagtacaatc 180
 tcatcaatta tttttttctt ctagctcata tttgtctaag agtaaaaata agtttcatga 240
 agtacggatg accccagaat gaatggaaaag aagaaaaagt attttgcgga agtagtcaag 300
 atttaattcg taaaagggtg gcaaaaatat ggagggttga caaatgaaaa gaaaataggg 360
 gtagtttaat ctccacaatg aaaactttac atttctaccg ctagtatata tgaatagaaa 420
 tt 422

<210> 2337
 <211> 443
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2337

nttcaaagtt ntctggttnt ctaaacttg aaaaacttggtt ttattcatct tttcattctc 60
 ttctcccttt gccaaaaaga attcgccaag gactaaccgc ctgaattctt tttgtgtctc 120
 tcttctccct tttccaaaag aacaaaggac taaccgccta aattcttttg tgtctccctt 180

ctcccttgtc aaagaattca aaacgacaca gtctgagaat tcttttgatt cttccctttc 240
 cctaatacaa aagtgttcaa aggactaacc gcctgagaat tcttttgtat ccccatcac 300
 aaagtatcaa aggtttaata gcttgagatc tttgtcttaa cacattggag ggtgcatcct 360
 ttgtggtaca agtagagggt acatctactt gtatttgact gagaacaaga aagggtacat 420
 ctcttgtgaa tcagttctag tgg 443

<210> 2338
 <211> 295
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2338

agcttcaaga ttaggccaaa ctccacttct atatctgatn tcaagcttac ataggcgtct 60
 ttgttcgcg cgcagtgctt agcgcacttc tgaaccgctt agcgcgtgtc ataccctaata 120
 ttcgttcggg gaccattggt tgatggcatg caacctttgc ttgaccgctt cgagggtactt 180
 ggcacccatt ggtgcacaat acgtgaagtt ccataacgtg cccgaagtca aaagaaagca 240
 ttgttgacg atccgtgaag ttccgtaaca tgccgaaaat caaaaggaag cattg 295

<210> 2339
 <211> 435
 <212> DNA
 <213> Glycine max
 <400> 2339

tcacccctcag atccctcttg ttggactagg ctcaacttat gtagcccttg taggtttaga 60
 ctaatttaaa caaagcttca tccgcagatc cctcatttaa gactaggctc agcttaacca 120
 gcttacgtaa gcttagacta atttaaccta agcttcgtcc gcagatccct cttgtttgtac 180
 taggcttaaa ttaaatagca ttatcatcac agcatattaa gaaagctaaa acttaatcct 240
 caaatccctt ttgttgttct aaggtaacag tacatttccc aatgctaaag tcacctaact 300
 ggacatacaa atgggtgatc agaccaagag catgcagaaa ttaagcattg aaagaagcat 360
 tgaacacagg aaacacaatc aattagatat taaagtaatt acatcagttg ttccttagaa 420
 attcctaaca agagt 435

<210> 2340
 <211> 249
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 2340

 agcttgagat gaagaagtgt tgaaggggtga aacttcctgc ttttattgtt gaccacagag 60
 tggtagctgg agatatgtcg cggnggtcag gagaccttgn ggacgtcagg tgggggtgcta 120
 ttgccccaaa ccaagcttga ccaatcccgga cccaaccggg gcatagtcgg tcagtgagaa 180
 cctgtgatgt acctaaacag gagagctcct ggagtcacac ggataaaagg aacaaagacc 240
 acaaagcaa 249

<210> 2341
 <211> 443
 <212> DNA
 <213> Glycine max

 <400> 2341

 tcaagaaaaa tggcctcagc aaacttttta tttccagaat gaaattcaat caatagacct 60
 ccaatcttta atggagaggg ttaccactac cggaaaaacc aaatgcaaatt ttttattgag 120
 gcaatagact taaatatttg ggaagccata gaaatagggc cttatatacc caccacagta 180
 gaaagaattg caatagatgg aagcacatca agtgaaagca taacaataga aaaacctaga 240
 gatagatggt ctgaagagga tagaagacga gtacaatata attgaaaagc caaaaacata 300
 ataacatctg ccctgtgaat ggatgaatat ttcagggttt caaattgtaa tagtgctaag 360
 gaaatgtggg acactctaca attaacacat gaaggaacta cagatgttaa aagatctatg 420
 ataaacacat taactcatga ata 443

<210> 2342
 <211> 294
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 2342

 naagcttgat gatatggtct tcgccggcaa attgatcgaa gtgggtctga aaagaggcaa 60

atctgatcat cttgctttga taaatgcaaa aaaaaaaaaa aaaaaaaagc tggggc aaat 120
aaagaggggtg aggatgaagg agaagcccggt gctgtgactg ccattcctat acagcccagt 180
ttcccaccaa cccaacaatg tcattaactc agccataacc aacctttttc ttaccaccg 240
cccagttatc cacaaaggcc atccctataa caaccacaaa gtctgtctac cgca 294

<210> 2343
<211> 403
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2343

tctcaaggag gtgagcttag ttatgagagg tgtgtgtgta tctaagctct ancttctcaa 60
ggaagttttc tcacagaagc ttctcatgga agttttctca agaaagcttc tcaaggaagc 120
tacctagtct ataaatagaa gcatgtgtaa cacttggtgt aactttgatg aatgagagtc 180
ttgtgagaca caactcaaag ttcaacttct ctacctttat ttcttccttc aatatcgtgc 240
tccccctct ctctttctct cctctttct tttcctccat tgaagcatcc ttgcaagctt 300
cttatccaag gctcatcttg gtggagaagc tccttcttcc atggccttatt ccctagtggg 360
tggcgctgc tctcgcgtcg tctcctttgt ctccgcgtgc atc 403

<210> 2344
<211> 389
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2344

atcatcccca tctacaccaa tgtccatctc atcagcaatc aaagattttg aactctggcc 60
aacaatattg tgtttaaatt tttctacact caaaccaccc ttgttcagaa attcgttatt 120
atgttctttt gcaagaacag aaccaagca agcttggtca ggacaatcct gcaccttggt 180
gcaaaggctt gccatctggc acgaccatc attgattgcc atagatnttg aatcttcact 240
gtaatcaact gaagaaacat tggttntctt caattttccc tccaacttaa ttgaaaaatt 300
ctcaccttca ctacaagggt cgggtggtac tgagaatgca tcttgagtaa caggcacggc 360
gtcttttata gtacttttag gtgcatcaa 389

<210> 2345
 <211> 315
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2345

tatcaagtan actggcttga cacactatgc atcagcaaca tcacagtnta tacaaagcca 60
 aacattatit ggcaaaaggt acgcaagtta aaaataaaaa cattagtgtt acaataacca 120
 aaccaaatat ctattcctgt gaataatcgc accatatttt atcaaggcat ttacattcac 180
 aagttgcaag ttataaaaaa ggatactggt tatcaciaag tcctcatcta atagtaattt 240
 caataacaag ttgctttgtg cgggtattta aaatttcaag cacttctggc aaggggataa 300
 aacacgatat aaaaa 315

<210> 2346
 <211> 264
 <212> DNA
 <213> Glycine max

<400> 2346

agcttgccctc atatagatct atgaaggacg ctteggccgc aaggactaat gtcgcttccg 60
 agtttgatag ccatcgtttc aggagcactg aacaccagca gcgtttcgaa gtcataaagg 120
 gatggctcctt cactgagag agacacatcc agctcagggg cgacgagtac acgaatttcc 180
 aggaggagat agctcgccgg cgttggacat cgctggtcac tcccatggcc aagttcgatc 240
 cagatgtagt cctcgagttt tatg 264

<210> 2347
 <211> 266
 <212> DNA
 <213> Glycine max

<400> 2347

tgtctcagcg tatatgcgag acggagacca acatgctagc tatgatcgcc aagtaaccaag 60
 aagagttagg gctatccact gccacgagc atatgatacg ggacgagtat gctcaagtat 120
 acgcggaaca agaggctaga ggaaggatga tcgactcttt acaccaagag gcaaccatgt 180
 ggatggatcg gcttgctctt accttgaacg ggaggtaaga actgtccctc ttgttagcca 240

aagccaacgc gatggcagac acctac

266

<210> 2348

<211> 339

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2348

ttggggacct cattgaaact canagatcca gcctccatag aagtttcaca agtaagcttc 60

catcatatcc tcttaggcaa caacactgtg gcagtaggga ctaccagcga caatgcatca 120

ccaaaagaag aaaactctag atgaggcttc actgtcatca agtgagttag agaccagca 180

tgaccacaga tcgacctcca ctcttatgg ctacataga cccgggtata aggcctaata 240

tctcaacatg tgtgcgaggt ttaagtgcc tgtgtgcgta naaaaaatat ttctaactat 300

gaatgtantc gataaacaaa cacacaccaa acacgacaa 339

<210> 2349

<211> 141

<212> DNA

<213> Glycine max

<400> 2349

tcacacgtct gatatccaca atggagtggg aaaagttttt gtctcgttac aagaggagaa 60

ggatgccata tatgaatatt ccgaagccac tttaatatat aagcatttga tctaagtatt 120

agtgaagact gcttaatcag g 141

<210> 2350

<211> 437

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2350

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ttaggcactt ctctctcttt cgaatttgct tggaaaaatt gtttccgtga agaaaatcta 120

agccgaggcg cttccgaaac gtttccgtaa ggaatttcgc gaaggtttcg actgttcttc 180

aacgttcttc attcgttctt catcgnctct cgatcttcaa cgggtaagta cctcgaacca 240

agcttttcaa ttcactctat gtacccgtgg tgggccacat ttcgtttcat gtatttttat 300
tctcgtttcc atttactttt tatacccttt tttgacgtgc ttaagccatt tatttaagtc 360
atttcttgct taatgtaaaa ataanataaa tttccaccga tcgtttgaat tgtatcatcc 420
cgtaattttg gttaaata 437

<210> 2351
<211> 431
<212> DNA
<213> Glycine max

<400> 2351

tgagccaaaa tcttgactca ccataaacct tgaccattg tgagaatgtc aatccttacc 60
ctcagaagca aaaaaagga gagggaaaat ttccaatcaa agagaaagca aataatgaaa 120
gaaagaaaat ttccaatcaa aagagaaaag agaggaaagg aaattcccaa tcaaagaatg 180
ggagaaagca aaaagaaaag atagaaaatt cccaatcaaa gaatgggaga aagaaaaaag 240
agaaggagaa gaatgaaaga aagctcctga tcaaggatcg aaagaaaaca gaagaaatgt 300
gcagagaggt ctctggacca aacaatatct gaacaaatac ggaattgtca ccaaatgaac 360
aaaagaaaga ataggaaacc ctaacctaaa agtggctctc tccctttgat taccaaccaa 420
aatcctgtgc g 431

<210> 2352
<211> 362
<212> DNA
<213> Glycine max

<400> 2352

cctctgagtc acctgctgca tgcattgtag gaccgtgcc aagttgagcc tccaatatat 60
ccaccgttgg gaaatattag actttgagaa cttagctac tattatatct tggttgggtca 120
tattctctag ccttgcttcc ctaccacgac aagggtaaaa gcatgcagtt gtctaaacca 180
cataccttca tggtcctttt tcattatcat cttgaccac ataagccaat tgattccttg 240
tctttgtgga ttagagtcac accaaaaaga attcatcatc tgctacaatt catcttcaag 300
agtgaagga aacatataca cactcatgta ataagtggtg atagatcgag caacagattt 360
ta 362

<210> 2353
 <211> 456
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2353

ntagtataga ttactttaat ttaatgcatg attntttag ttggccgaca ttgtacgtgt 60
 taatttggtt accataaact tagccacatg atatgtttct tttttagtaa acctcataag 120
 actttttttt tttatttaaa aaattatcgt caaacaactc ttttttttgt ctttttttgt 180
 ttaattaatt atccgcctga tatgtacatt gtcaggaaaa atgttgagga tcttgtcttt 240
 cttggtactt tatattctac ttctaggctt tgcaaaattg ttttttaatt agatgttgca 300
 aatgatgaag tattagacaa gtaatctgct ttcaattttc aaattgcatg gtatttgtgt 360
 ggttgctaaa atatatatct ccattttcct gatctgttct gtaatctgag taaatgacaa 420
 tatacatgca tatcttctca cctatcgaaa ataaaa 456

<210> 2354
 <211> 432
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2354

catgcaagct tccacaatat ccaagcaatt caatntccaa tctcaagaac taccctttac 60
 caaganaaca gggcagaggc agaaaactct gcccaaaaca cattcacata ttacagcttc 120
 cettactcaa ataccccagt aacattctct tcgttccgat tcgttaaccg ttggatcgac 180
 ttgaaaatgt tactggaggt tccaagtaca tgagtttaca ntttgaccgt tgggatctgc 240
 tagaaaatgt ccagaaccca atatgtacta cttttcccaa aaccagcaat gcacaagcat 300
 ttttctgcac atttgatcaa attggctgca caatttgaca gctnnttgct gcacaatttg 360
 gcagattaga aatccatcta cccacatcaa tttgctcaat cggatctaca agtctaaata 420
 tgataaatca ta 432

<210> 2355
 <211> 435

<212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 2355

 tccatcaagt ggtaatcaga gcacaagagc ttcaagtagg tgctccttaa acctccatta 60
 attntttgct ttaccttctc ttccattggt gtttcttcat tttttctcca agtatctcct 120
 caaatgtctt gtgataaatg ttttaaacad gattctttag agtttccacc gattaaactt 180
 gctatagaag ctagatttga ttttctatgg ttcanatttc ttgttcttgt tcttgaacca 240
 tgaattgtgt tgagtttacg ttcccttgag ttttgtcttg ttattttttg tggctgaaac 300
 ctaaaccata aaattcttac aaaaatatta aagtagtaga aaacctcaaa aatctagagt 360
 gacttgttca cctattgtag ttttgtcata gaagtcattg ctagtcaaga aacttgtcac 420
 ataagatttc ttatg 435

<210> 2356
 <211> 386
 <212> DNA
 <213> Glycine max

 <400> 2356

 ttgtttgcaa gcttgccacc catctcgccc agatgagctt tggtgcttcc tccagaaggc 60
 accacaatga tgcttggttt gcacaacaat gctctttttg acttccagaa tggtgcgaaa 120
 ctttacggat tgcgcaacaa tgcttggttaa acatttcaga atgttacgga actttatgga 180
 ttgcacaaca attcttgcta aacattttga ggcgggtcaag agaaggctgt atgccaacac 240
 ataatgtccc cttgacgaaa ttagggtagt acagtcgtcc ctctttactt atcttttatt 300
 ggagataaaa gtgaagtata gataagacac taatttcggt cgagtggaaac atgatttgcg 360
 cgatcaatat ccctacccgc ggacct 386

<210> 2357
 <211> 430
 <212> DNA
 <213> Glycine max

 <400> 2357

 cgcttggaac atgatttcta taaaaagtt agtcgtataa agcgactaac aaatcttcag 60

taatatcccg ccaaaccag aaaactocta atctcacaca cagacttaag actctccac 120
 ttaagtacaa cttctatctt agaaggatct atatctatac tgccttagga tatcacatgt 180
 cctagaaaac taactttatc taaccagaac tcacacttgg acaacttagc ataaagtgtg 240
 cggttcctaa ggggtgtgcaa cacaatcctc aagtgtctct catgtctctt tctagtcttt 300
 gagtatacca aaatatcatc tatgaaaact accacagaac tatcaagata tgggtgaaag 360
 atcctattca tgtaaactat aaacacacca ggggcattag tcacaccaat gggcatgaca 420
 tactcatagt 430

<210> 2358
 <211> 445
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2358

agctntntat ttttagtaga tgaagatgaa ttcgtggcca cctcatggac tcctctaaga 60
 acaatagcat catttcttga actgaattgt tgggagttag aagccatctt ctcaatcaaa 120
 ttctagctt cagtaggggt catatcacca agagctccac cactggtagc atcaatcata 180
 ctctctcca tgttgctaag tccctcatag aaatattgaa gaaggagttg ctcagaaatc 240
 tgggtggtgaa ggcagcttgc acacaatttc ttgaatcttt cctagtactc atacaagctc 300
 tctccactaa gttgcctgat gctgaaatg tcttttttga tggcagtggt ccaagatgaa 360
 gggaagaatt tctccaagaa caccctctta aggtcatccc agctgaanat ggacctgaga 420
 gcaaggtagt atagccaatc ttttg 445

<210> 2359
 <211> 429
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2359

tgtaggatta tggngtacct atcacatgtg gtactaggtg ttggtcgggc gatggtgcac 60
 aacaagttgt ccacatccac aatgcgcgca taaaccacac atccctgtt gccacctcc 120
 aactgagctc acgtactccc acgtagccca tatcctcggt tctctcaaca ccgggtcccc 180

atcaatcctc ccaagcttcc acaacatcca agcaaaacaa cattcacaca gcacaagcta 240
 tcacagccaa gcaaaacaaa gcaaaggcag aaaactctgc caaaacacca accaaaaatc 300
 acagcttttc ccaactcaaag accccagtaa caattccttc gatccaattt gttaaccggt 360
 ggatcgaact ccaaaattta ctggaagtcc atagtgcata agcctacant ttgaccgttg 420
 ggatctact 429

<210> 2360
 <211> 197
 <212> DNA
 <213> Glycine max

<400> 2360

tagagagagg aagactaaag atttggatcc agtacagtgc gctaaggatg aagaaggcaa 60
 agtcttattg cctgaaaaag atatcaagga aagggtggaag gcgtatttcc acaacttact 120
 taatgatgga tatggatatg actctagcag tctagacaca agagaagagg accggaacta 180
 taagtactat tgtcggga 197

<210> 2361
 <211> 429
 <212> DNA
 <213> Glycine max

<400> 2361

tcaattcctt ctacgtctca ttgatgtttg ggaactctat tggagtagtc ggaggaaaaa 60
 ctggaggaat ctcagggaat cgctagagat gccgctatcg ctgtcagaag acatgtgagt 120
 ccgcttagag gtaagggatg agttattcac aattgggggt tagtattgag aacatgtgta 180
 gggatcctta gaggattaaa ttgggggtttt attttgggat gtttattaaa ttgcaatttt 240
 tcctttatga tcataaataa aatattgatg ttacgatgag aatttcttga taaattgtgc 300
 tcttgatatt tgtatatttt gacctatgat ttgatataa ttgtgtaata ttatttgaga 360
 ggtttttagtc cccagggttgat gatagtcttt tgtataaact gttatattga ggatataaaa 420
 ttatgatcc 429

<210> 2362
 <211> 339
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2362

agctngcata cattattctc cttgcctgca tcttanaacc ttctggttgg gtcatataga 60
tgtcttcctc taaatcccca tgcaagaatg tagttttaac atctaactgc tccaagtga 120
gattctctgc agctactatg ctcagaataa ctctgatggg agtcactctt acaactggag 180
agaagatctc tgtgaaatca attccttggt tctgctgaaa ccccttcacc acaagtctcg 240
ccttgatatc tcttctaccg tcagattctt cctttagcct atagaccac ctattctgta 300
atgccttctt tcttctggc aatttaatta aagaccacg 339

<210> 2363

<211> 433

<212> DNA

<213> Glycine max

<400> 2363

tctccgtcta ttccctataa atatgtgtca tagggaagat tatagacgtt caaccttcct 60
ggtatctgag gatcacttga aattagtga aaaaaatcgt ttccgtgaag aaaatccaag 120
ccgaggcgct tccgtaacgc gtctgaaacg tttccgtggg tgattccgtg aagattttcc 180
gccatctatc gttcgttctt catagatctt gttcgtgctg cggacttaaa ccgataagta 240
cccgaaatcg aacttttcaa ttcatctat gtacccttgg ggggttccac ttgtttcgcg 300
tactttaatt ttcatctcat ttactttctg tatccccctt tgacgagcgt tagtcattta 360
tttaagtcat tttctccct aatcaagaaa taaaataaac ttgcaccgat catttaaatt 420
ggtacagttg ata 433

<210> 2364

<211> 365

<212> DNA

<213> Glycine max

<400> 2364

agcttggtg atgaagataa acgaactaga tacaaccccc agatgtttga ctttcttctt 60
tcgtggatca agatgacacc accatattac ggtcttgcta ggctgtcga gattatcaag 120
ttgttgcca attttgatgt caagccggag gattttaagg agactttacc tgctgccaag 180

tcacctaaga ccgtgctcac ggtaactcgc actttcccat tagggactag atgtcctcta 240
 gtgctagaga ttgctgtgaa acagggtaca tcgtctgaag tagggattcg agcttattag 300
 ttgaaggacc ataaggatcc atagctgatg gaggaggaca cagaggagac tcctaacggc 360
 gatct 365

<210> 2365
 <211> 444
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2365

gtcaacagat gtcttcacaa ataatcatca cacagcagat atctaacaaa actaccctc 60
 atatctccca gaaccccata cccacgaaaa tcaagaggga aagaagtcca cccaaacctg 120
 aaatttcgaa gtcccactcg tagccacgca cttcacgact ccaaaaatgc tctcctttca 180
 cgatttgggg cagaaatggt ggccaaaggt tgaagctatg cttgaagctt caatggagaa 240
 tgaagaagaa gacagctacg tgagagaggg agagaaaagg cttctgaatt tctgctttgg 300
 ctgagtgagg agagagaaca gctntttggt ttaaaaataa aaagggggtt ccctttttcc 360
 attattatat tcaagctttg ccacatgtcc cctattgatt ggagcaaaag ggcccacttt 420
 ctctttttga ctgtgatcca tact 444

<210> 2366
 <211> 414
 <212> DNA
 <213> Glycine max
 <400> 2366

gcttgatgat tatggtgcac ccatcacatg tggtagtagg tggcgggcgg gcgatggtgc 60
 acaacaagtt ttccacatcc acaaagcgcg cataaaccca ccattccctg ttgcccacct 120
 ccatctgagc tcacgtactc ccacgtagcc catatcctcg tttctctcaa caccgggtcc 180
 ccatcaattc ttccaagctt ccacaacatc caagcgaaac aacattcaaa cagcacagct 240
 atcacagcca agcaaaacaa agcaaaggcc gataactctg ccacaacacc aacaaaaatc 300
 acagcttttc tcatttataa gcccagtaa caattccttc gatccaattc gttaaccggc 360

ggatcgactc cacaatttac tggaagctat agaacactag cctacattgt gacc 414

<210> 2367
<211> 328
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2367

tccatcaagt ggttatcaga gcataagagc ttcaagtatg tgctccttaa acctccatta 60
atTTTTtGct ttaccttctc ttccattgct gtttcttcat tttttctcca tgtatctcct 120
cacatgtctt gtcttaaatt ttgttaacat gattatTTtag agtttccacc gattaaactt 180
gctatataag ctagatttga ttctctatgg ttcaaatttc ttcttgTgtg tcttgaacca 240
tgaaatgtgt tgagtcttgg gtcctttgag atattgtctt gatatttatt gtggctgaaa 300
ccctaaccat naaacttctt aaaaaata 328

<210> 2368
<211> 417
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2368

gatgtttatg aattaattng acattatggt atatntattg atgatcaact tgatagtaaa 60
ttaaaaaaat gtgaactcaa ttggcataag ctatacaata gaataaaatt atgcactttt 120
tacacatcac tgactaaata aaaaaaatgt tgtaacataa actaatttat catcacttta 180
catttctcaa gaacaaaagt gtttatttac accttctttt atctaataaa attcatgtca 240
aattcattag ttaaggaata aaactcatta aataattaat aagtataact acataattta 300
ctgaatttta cgtgattgta atttaataat aaaaatgtta ataataatatt aatataatatt 360
tatgaacctt nttcattgcc caataaaaat aaaaaagtta aataattatt gtaatcc 417

<210> 2369
<211> 410
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2369

cctgtntatt ccttaacaag ggtcaaaata tgacacaaac tnttttctat tgtgtgaatt 60
ntaaaattga ttgaaatata tataaaagat aattaagttt aattttatga aaagaaaatt 120
aattaatatt tatgtttatt atttagtgta aatttcaata gaaaattcta ctattatcga 180
gactgtgttg catgctgata gtgttagaat acattgtata agagaacaaa ccatcgataa 240
aaaaaataaa ggatttaatt ataaatagtc tctaattgatt ataattagat tcctgttaaa 300
aaataaataa aatattcata aaatctatta ttaaataatgt agtaattctaa aaataataat 360
aacaacaatt aggcaacaaa atagcttaca tacaacaat aaccaataat 410

<210> 2370
<211> 268
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2370

agcttcccag attcgatcat ggaaggactt gtcaactgct ttcattaggc aataccagta 60
caatacggat atggctcccg atcggaacca gcttcagagt atgactaagc gggagcatga 120
gtccattaag gaatatgccc aaagatggag agatctcgcg gcccaagtcg taccgccccat 180
gacggagagg gagatgatca caattatggt agatacgtta ccacggttct actatgaana 240
gctgataggc tacatgccag ctaacttt 268

<210> 2371
<211> 375
<212> DNA
<213> Glycine max
<400> 2371

ggtgcacatg gtaatgtttc tcctgattat aaatccagct gtcgcatca cataaacctt 60
ttcatttata aatccattca gaaacacact ctgtagaata gaaagagagt ggtccaaaat 120
taccatgaat gtatgccaaa gggaattggt cgtcagttaa tggctctcta ggagctgccc 180
ttttgaactt ataaaggtgt tatggaaatg gacgtggatg cggtcgtgga gtttgtgcac 240
acttgcacag tgggtgtgtga ggagagtcac caatggattc atcttcaaat gaggaaaaag 300
ctagatctat ctgggttctg gtgaaggaaa taccatttct ttgtcctaata ttttggttgg 360

ccttgagccc ttgtc

375

<210> 2372
<211> 367
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2372

agcttgtggc agataatgct aggggtggatt cctggcatgt tagatgggtg tcaagcaaat 60
aggctctgtgt tccatgtaa gacatcaact atgcgtctgt gctcatggct ggtgaggtcc 120
ctgttgagct acatgcacta cccgagtttg ggtccgagtt gtagcttgac gagttcttca 180
gtaggctttg ggcctctatc agaagtgtcg ntgcacgaat ctacattgaa tatgttgtct 240
aggctttctt ggtagactgt cagggctcag actggagacc cttcgtccac actcatgatt 300
tgagtggtag catctgctgt ggngtaaagc ttggcaggct ccctgggtggg aggatagagt 360
gccactt 367

<210> 2373
<211> 445
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2373

atcccacatg gttgaagcat tctcgcanaa caacatgtcc ctaactgggc tccctataat 60
tntacctagt gaaagtgact tgacttacca ctgtgtgggt tgtcttgta tgtactccta 120
ggcgtcaac taaattnttt actaatatgg taccacattg tatataagat tgaatcttag 180
tgtacctgtt gcataatatt tgtgtaatga tcattgcgag ttattacatg atgggtgggta 240
ataaattgtg tgagtgttag atgctatgtt gtacttgaga tgtgttggtt taaacatgtg 300
attaatgtga aggtgtggaa tgtgattctg tgaataatac cttgagacaa gtgatgttac 360
aaacatgagt agtaaagat gcgaattgtg atactaagtt gagcttggtg tacttatata 420
tgngcttnnt attatctcta cccctg 445

<210> 2374
<211> 418
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2374

agcttatttg tnttgataat atcactagag aaaatacagc attaaaagta atttanacgt 60
aaaataatca tcaatcttta tactatgtct ctttcttgtc agatctcatt cctgggtgatt 120
ttattcatgt tattggggat gtcataat accgcaatca cgtgaggcct ttgcaggagc 180
agctccataa ccagccaaag ccttttccag tatgtgtaat gtttagcact tctttaagtt 240
tatcttttga ctctcttact tngttacccc ctaatgtact tcattgcaga ctttgaagat 300
aaatccaaag aagaaagata tagattcttt tgtggctgct gatttcaagc tcataggcta 360
tgatcctcac cagaagaatg atatgaagct gtctgtctaa natctgggga ttctcact 418

<210> 2375

<211> 477

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2375

tcaccacgga nagecgtaaac taactgataa aataattatt tcagttagtt taattntcat 60
atatnttggg tgtaaattatt cttatattaa ttttaaattt aattaactat taaaataatt 120
acttccttta ttcttttagga ccaaaccggc tattaaatgg aatggataat tttttatgat 180
tataattttt ataaagtagt taattttggtt attattttatc taagtaatta gtattctttt 240
attccaaca ctgtaaaatg ttttttctact ttaatatattt cacatcactc gataccaagt 300
taataattat taataagaat aaatcttgga caatagtaat aagtattctt aactaaaatg 360
aaaatctaga taacttaaat ctaagtggaa ataataaata aatataaaaa acatagatct 420
atattgaaaa ataatttgta atctaacact taaaaatatt atataaaaag aatatag 477

<210> 2376

<211> 389

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2376

agcttcttag tttcagatga tgcagatggg tttgtagcta cctcatgcgc tcctctaagt 60

actatggcat catttctggc gctaaactgc tgggagttgg aggccatctt ctcaattaaa 120
 tttctggctt cagcaggagt catgtctcca agggctccac cactggcagc atctatcata 180
 cttctctcca tattactgag tccttcataa aaatattgga gaagaagttg ttctgaaatc 240
 tgatggtggn ggcaactggc acatagtttc ttaaactctt cccagtactc atacaggctc 300
 tctccactga gttgtctaata acctgagata tccttcctga tggctgtggt cctggaagca 360
 ggggaannatn tttctaagaa tactctctt 389

<210> 2377
 <211> 489
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2377

tcttcatgtc tctcctcgta tctctaacat ctaggactca tgtgtttatc atagtaaggt 60
 ggaagatggt tcccacatct atctactact ttacacggat gacatgctta tagcatccca 120
 aaatttgttg ccaattttga ggatgaagtt actactctat aatgaatttg atatgaagga 180
 catgggagtt gctgaaaaga ttctgggcaa ggagaataag atggatgaag tccagaagat 240
 gatcttctgt gtcagaagga atacattcaa aaattgctaa attgttttgg gatggcatcc 300
 gcaaaaatag tatgtactcc cctaataacg tccattcggt tatctatact caatactact 360
 cagtcaaata tagagaagga atacatgtcg tgtgttcctt atgcaagtgt tgtagctagt 420
 ctcatgtatg ctacaccana ccanacctaa cacaagaagt aatggtgtga gtaagtatat 480
 tggatttct 489

<210> 2378
 <211> 472
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2378

tcttactggt tattgcaggc ctatagagct ctacaacata attaagagtc gtactaaaaa 60
 aaaggtaaaa tctattaaga gagtcttact gtttatgtca taatttataa cttttattag 120
 gaattgggat atatatatat atatatatat atatatatat atatatatat 180

atatatatat atattttgcg tgagacataa cctcataggg gctgattnta ttattgggtat 240
 tattattgta tattattgtg aaaattgtct ctttctctac ctggtgtttt aggagaatat 300
 cttatactat ttacttctct ttagtaagac ttatcgcttc cttttttatt ttagctcttg 360
 ataatatcat cgcgtgtcgt tctaataata tacatgtctg tcttatagcc actatacctt 420
 cggagatgta tggactacca tataaacgct aagcgcaaga agaagtatac cg 472

<210> 2379
 <211> 504
 <212> DNA
 <213> Glycine max

<400> 2379

cgaatcggtt cagttggaaa aaatcccttg tgcatagaaga tcaaaggata tgaacacaca 60
 aagatacatc accaaagaaa taaaataatg aaagatatata atttaaagca gatattctttt 120
 atctacattc acacaaacat ctaaacaata ttactatctt caaattttaa tttgacaatg 180
 aattacattt atcctctatt taataatgtc aaaataacaa taaattgata tcttgacaga 240
 actataatta taataagagt ttaaaataat tgtacattat catctactca tcaatcattg 300
 ttgttatgat ttttaaaata atttttatca aagtcaacaa acttatatca tagatgatga 360
 ttgaatgata atgtaatctt acattatata atactttttc tcttataata acctatagca 420
 aggataaatg cacacattga tccgatgcac agattattag gatcattata tagtatggat 480
 tcattgggat gatcgatgat gctg 504

<210> 2380
 <211> 138
 <212> DNA
 <213> Glycine max

<400> 2380

taactccgga gcactttaat agtgacatta cattccgacg aatacaggca aaggtatgga 60
 ttacaggagc ctttttctac tcgcgcattt aagaatcccc atttggtctg tggggcgata 120
 tcgaatatgt atcatcgt 138

<210> 2381
 <211> 351

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2381

agctntatag cgcaacaaca cagaatctag gcgccaaca cccctcaatt caatggggtt 60
tctagggttg aaaagtgaaa ttgagaatga ggtaaacttg aagcaaactc tcacctcaca 120
caagtccata acatcaatct aaacttgctc aaactgaatt tacacctaaa attccaccga 180
atcanaattt gactcctcaa caccgaattt tgccctagaa atagctgctt gntcattttg 240
atcatattgt cttctctcta gcacagtcca agctttctcc caagtcctaa atgacatttc 300
aagctagtat taactcactt taacctccat ttaccacaga attcagactt a 351

<210> 2382
<211> 378
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2382

tcttatccag gcacattctt ggtggtgaag ctcttcttc catggcttat tcccttgttg 60
atggtgcctc cctctctc ttctccttg ccttcgctg catctccatg gtggaaaacc 120
accattgaag ctcaaagatc cagcctccat agaagcttca caagcaagct accatcaagt 180
ggtaatcaga gcacaagagc ttcaagtagg tgctccttaa accaccatta attttttttc 240
tttaccctct ctttcattct tgtttcttca tttttctccg cgtatctcct cacatctctt 300
gtgctaaatg ttgttaaaat gaatctntag agtttcaacc gattaaactt gctatagaag 360
ctagatttga atttctat 378

<210> 2383
<211> 343
<212> DNA
<213> Glycine max

<400> 2383

agcttgacac tgcatgatgt tcttttcttg tacattgaac tacttatatt tccctaatac 60
gtcatttcaa tgaaatggag gtgttattga taccaatgca caagttattt tgttttctca 120
agcgagatta gttctatctt ggttcgttca atttcccttc tttgtgatag tgaagaaaaa 180

cttgatgggtg aatctagtta ccactaaciaa cttaggcaaa attatatgta gaaatgagtt 240
 agcctataat ataaaccaga aaccaaaga cagcatcaga aaacattcag actgctattc 300
 aaactcatatc attttaaattg accttgtaaa gcgttaatga aca 343

<210> 2384
 <211> 292
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2384

ctgcatgggt ngttattntt caatcataat agtagcaggt ntgatatttc ttcattcattt 60
 gaaaaattgt aaccagagat tatgggggca gagaagtagg ataactatct ttccaaagtc 120
 ttggaaggca aataagcctt tgggtctggat tttatgicac gatcctgaca tgtaagtgt 180
 tcgagtttga gctccaatta taagctcaac aagctttgct tgtacatata ttggaaaaac 240
 agatcagatg cttaaagcag tctatcaagc tgaaatgatg atgaccagaa ag 292

<210> 2385
 <211> 305
 <212> DNA
 <213> Glycine max
 <400> 2385

agcttgtagg attatgggtg acccatcaca tgggtacta tgaggaggac gggcgaaggt 60
 gcacaacaat tctccacatc cacaatcac gtataaaacc accatccct gttgccacc 120
 tccaactgag ctcacgtact gccacgtac cctcatgctc atttctctca acgccgggtc 180
 cccatgaatc ctccaagct ttcacaacat acaagaaatt tcacatcca tcatgataga 240
 ctaacagaac caagcataac agagcatagg cagataactc tgtccaaaac acaaaccaaa 300
 atcac 305

<210> 2386
 <211> 479
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2386

ntcatgttac tagttattct tgcaatttca acaattgtct gaaactgatt ttagtgctcc 60
ctaataatctc cctaagggtt ttctacgttc taaaaccagt tnttagctta aaattactaa 120
gataagtcgt ctctatctta aaattaagct gctgtttang ttttcaaaga ttccctccta 180
aacttaattt cgatttttcta agtgttccgg gaattgggtt ttcataaatt ttacatgcta 240
cactatattt tcacacctaa naactcantt ttgaagtcaa atatttaaga anaacagttc 300
atacaacat aacaacctat ggtaagttcc aaaaccctag tcttggtagg actaattagg 360
ctctgatacc actaaatgta acatccta atcttaagact ggaattatat ctntgttatt 420
tcatttatat attttataaa tctcattaat ccatttgatt tcacaatcat ctaacacag 479

<210> 2387
<211> 397
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2387

agctntataa gcgcgggtct gggagacaaa ggtcaagtgg tcgcgatatg cgaagaggat 60
gttccgagta cattggattt ggtacgacca tgccctcctg atttccagct gggaaattgg 120
cgagtggagg aacgccccgg catttacgca acgagcaaat gttaaaccctt acggttttaa 180
aagctctata gttgggccta ggcttttagag ntttttcctt ttgttaaggc gtttgtgtct 240
ttcgtttttg aatttataat acgaggacct ttcttcatct gttcctacgt ctctacccat 300
tctcattcat ttgcatgttc acttcttttt ctgaaacggc agatccgatg acgagtcccc 360
ccgaggtact aatacctggg acccgctatc gacttcg 397

<210> 2388
<211> 416
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2388

ctangagaga ccataagaac taaggtagtt cctaaacaaa aatcaattga ggaaacttcg 60
ccaagaatcc ccattgaaaa acctttatct aaacctttca aagttagtga gaaggctaaa 120
agaaaaatta gggaacttag aaaaactaaa tccttaattg aaggcgtagg tgacaacat 180

<210> 2391
 <211> 446
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2391

ntccacttgg cttctaactn ttcgactctt aacttataac ttataagctt ttaattaagt 60
 ttataagcta attgtactaa atataatctt aatagttaat ttggtttgat aaatttatct 120
 taaatttaca ttttatttta aaagagtaat aacattttaa cacccttttt ttctctccat 180
 ctctttcttc ttattaaatc atattaccta tcttagatat actgtatact nttctttctt 240
 ctctctcttc tttactcgaa gtgttcata aaacatgaat ctctctntat tntttattct 300
 ntataaaaaat gtcattatta ttaatatctt tttctcttat gagtctcaat ataacctctt 360
 ttgtcattta attaggagta ttttatttaa caataattaa tataattaaa tatgagagac 420
 attcgccact ttttaatttta tcttat 446

<210> 2392
 <211> 60
 <212> DNA
 <213> Glycine max

<400> 2392

ctttggattt gaggtcatat tcatttcaag gaggagggaa tgatgcaatc ctaccttta 60

<210> 2393
 <211> 190
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2393

taatttctac tccanattgc aaaaggaagc cattctcgga gtcgtgaagc gcacctctac 60
 gttgtggggac ttccaatttc aggtttgggt ggacttcttc tcacattaat ttcggtgggta 120
 ttgggtttttt gggagatatg atgggcactt ttactaggtt aatgccttat ggtagttatt 180
 tgtgaaggaa 190

<210> 2394
 <211> 368
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2394

agctttgceg ntggtaccgt gacttgtgtc cctcacatta actctgtccc gctttttggt 60
 gcttagcatt tatcgtagtt aagcataacc taactcgtga atatgcttgg tatacaaaca 120
 tataatttct acattatatt ttcttatctc ttattatttt ttttgtcaca ttatttatct 180
 tattttcttat tttctttctt ctctcngttt cttttctttc tatcgcgtag ataaagatta 240
 cagatatagc atttaattaa aaatatctgt tgtaagattt tgaanagatt atagacgggt 300
 aagaatcttc cattattaat taacaatgtc agtacacatt cccagacaaa caatgctgat 360
 catttaac 368

<210> 2395
 <211> 417
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2395

ntaatgagta ganaanataa aagagaagat aataagaagg aagcacatgc ataatttatt 60
 tctaaccaag taaccatggt catgggtcatg gtcattagtc tcattcaaca gtctcatttg 120
 tatgtacatc acatcattca tctagcagaa gttcaagaga aagctcanag cagtgcattt 180
 ataacctagc gatgctaact tatacatgtg gttgattatt atctattatc tcacatacta 240
 tntaaattta aataataaaa aaaagcacga ctgattacta tgcaaaaatg aagtaggggg 300
 aggaacatag ctgcaagcct cacagaagtt ttctctcttt tccgggtaat gcatgattgt 360
 gcatcatatt ggaatccata tcctcatatg acacctgttc attcttttagc gctaate 417

<210> 2396
 <211> 387
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2396

agcttcatgt tgccttttcg aaagatgttc tggctaagaa cgttgtcatc gtagcagttc 60
caggcgctcct cagaggtgaa tctgtcagtg tcatagtgag gctagggcct ggaagctgtg 120
gctttccttt tcctagaagc catctgcaca aaagaaacat ataaaccaag ttaacacagg 180
ttgtatttga aatgacangc taanaaataa aactgaaatt cagattgggc gcttatagtg 240
acaaatgcgc gccttattaa aaattactca agcacttagc gtgatagcca cacacttagc 300
gagttgacac aaatcagaat tatcagcaga aaccaaattg cgcttagcac agctagacac 360
gcttagcgcg acaatagtaa tggacat 387

<210> 2397
<211> 485
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2397

ggttctctnt tctattattn tatcttaagc tatgccacat gtctccattt gagtggagca 60
aaagggccca ctttttctct tgatgtgact catgctcagc cacatgaaga gaaaaatctg 120
accttttgaa atgccaaaat cttgcctcgg ttgcatgcc gttcctctgg ttccagtcctc 180
tcgcgtttct ctgcgcccgt cagggccagt tttcgaaagt aggcaatata tatataaaaa 240
tgctcagaat gaaaccccga gcgtgggtca gaggttggtt ttgttaaatt ctaagttgca 300
cacaaaacga tgatttttag actaattaat taagaattaa cctataacct tccagttatg 360
gattttctct ccataattag cctaaccgc gtatcttgcc cncactattc ctacttctac 420
caggaacata tatgcatata cactaaataa tacttataaa tatatataat cattcanaat 480
acacc 485

<210> 2398
<211> 312
<212> DNA
<213> Glycine max
<400> 2398

agcttggttg ccgcgaatga caaatggtgc ggaagacgac gctagtctct gcatgctatc 60
atgcgttgag tcttagagat agcaaaagaa tgtttatagg gataactact tgggaatttc 120
cgctgcccc ctaactttat gggtagttc ttgacaaagg tagtctgcgc ggaacacgac 180

ataaatctac tcatgtcaac ggtcttggtg gccgcgattg acaaaggatg caaaagacga 240
 cgtagtctc tgcatactat catgcgttga gtcttatagg tagcaaagga atgtttatgc 300
 ggataacaac tt 312

<210> 2399
 <211> 489
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2399

tgtaggatta tggggtaccc atcacatgtg gtcctaggtg gcggtcgggc gatggtgcag 60
 aacaagtttt ccatatccac aaagcgcgca taaaccacc atccccgtt gccacctcc 120
 atctgagctc acgtactccc acgtagccca tctctcgtt tctctcaaca ccgggtcccc 180
 atcaatctc ccaagcttcc aaaacatcca acaaaaacga cattcaaacc gcacaagcta 240
 tcacagccaa gcaaaacaga gcataggcag aaaactctgc caaaacacca accaaatcac 300
 agcttttctc acttaaagac ccagtaaca attccttcgt tccggttcac taaccattgg 360
 atcgactcga aaattntact ggaaatctct aatacttaag cctacanttt gaccgttggg 420
 atctactagc aaacatccag aactcattct gcactaccct ttccacagcc aaccacgaca 480
 caagcattt 489

<210> 2400
 <211> 474
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2400

gcttactcca ggtttcactt gacgtcttct ttctatgcaa tgacgttctc taacgtgaac 60
 actnntcttt ttatttattt taattnttta tgattttatc taatgttatg gaatgtctta 120
 atttgttaat atttattatt aaatttctta ttatatTTaa gtgaagaaat taatgatata 180
 tgtaaagtga taattatatt tgatttagaa ttaattntac ataagccaaa tgagtgcac 240
 ttgtgcatag tgcatacccc taatttctta gttntaataa ttaattattt ntgtcgacaa 300
 tcgattgtct tatgtaaaaa aatcaatttt ataacataat cgttgattat caaattgatt 360

gtaaaaaaat tatttatcat ctcctttntt cttnttttca aacgtactat atttctcact 420
 tgttggttatt cattggattc tttttttttt tcttaatttc atctaacttg ttct 474

<210> 2401
 <211> 499
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2401

cgcacgtttt actaaggcag ttntataaaa tcgtccttgt tttagtgtca tataatctca 60
 cttttggagt agtgccaatt gcaatctatg tttctattga agatccttgg ccctttgaaa 120
 ttttttcttg gcttagaaat agctaaatcc aatagaggta tctcactctc ccaaagaaaa 180
 tacactatat ctctttttaga agatacaagt ttcttggcat gcaaaccctc caatcttcca 240
 atggatccaa acttgaagct caatcttcat gatggagact tactccttga tcccttagtg 300
 tataaaacgt taattggtag attaatattat ctaaccatat cacgtccoga tataacattt 360
 ggtgtaaatc acttgagtca atatatgaaa gaacatagag tntgtcacct aaatgttgtc 420
 catcatcttc tgcagtatct cacatctact ccaggacaag gtttattttc cctgctcata 480
 actctctcaa attcactgc 499

<210> 2402
 <211> 412
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2402

agctatgagt ccaataataa aaaaatattt gtttttaatt cttataaagt aaaaaaatc 60
 aaattttatta gaacaatatt tcatatatta ataaaaagtc caacacataa tcctcttatt 120
 taaaataaaa agtattttctc ttaaaattta cattaaaatt tactttattca atcagacctt 180
 attaaaaata aatatattat gtgtaagata aaactctctc aacacccaca tcattttact 240
 tgtacttgac acacctacct agagaggaat gaggttaaac tttaccatan aagaaaaaga 300
 attatgggga tatacttggg gtgccaatta tgggtgttct aagttaattc tttttaaaca 360
 aaaggctaaa agtttttagtg gtttttttat gttataatgt gaagatatta ct 412

<210> 2403
 <211> 427
 <212> DNA
 <213> Glycine max

<400> 2403

tctatccatg gcgttctatg gtggtgagct tattcttgac tcatcttctt tatgaagtgg 60
 cgtctgcaat cacctttcca ctttctccat tccgctgcca ttgatcttca agaagtaaag 120
 gactccattg atgaagaaga tccaaggcct aaaagctcaa catggagcta catcactagt 180
 agtacttggt ctttctcct ccctaagcct aactctcaaa aggagtagtt ctatttggtg 240
 cctatactct tcaacactca tactcccttt tctaagcctt tggagcttgg ccataagctc 300
 cctttcatag taggagggga tgcacctctt cctaagggtg gctttcaagt cattccaata 360
 ctctactaga ggatcccatg aatccttctt ttcttaacaa gtgaagtcca cccatagagg 420
 gcatacc 427

<210> 2404
 <211> 271
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2404

agcttccaga ttagtgtacc anatgaccgc ggctccagcc aagctatctt ggaaaaagtg 60
 cattaacaac ttttcatccc tagaatgccc ccccatctcg cgacaataca tcttgagatg 120
 gtttttagga catgtcgtcc ctttgtactt gtcaaaatca ggtaccttga attttggggg 180
 atgacgacat ccgataccaa gcaaagatct gccatgtctg cgaacggata gttgccaag 240
 ctttcaacag ctctcaatct ctcttcgatg a 271

<210> 2405
 <211> 468
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2405

tcatggtgaa tcanaggtga ttcanaggtt ntntgatgat aacaatgatg ataacaaaag 60

atgatgacaa aggagatgac aanagctca nagatcaatc aaagaacaac tcaagtgaat 120
caagaacaat tcaagagttc aagataagaa tcaagaagaa ttcaagactc aagaagaaag 180
tttagagtca agaatacaaga ttcaaggttc aagatctcaa gaatcaagat caagattcaa 240
gactcaagat tcaagaatca agagaaggct taatcaagat aagtatgaaa agtttttctc 300
anaaatggag tagcacatga ttnttctcan aatatgttta cttaaagagtn tttactctct 360
ggtaatcgat taccagattg ctgtaatcga ttaccagtag caaaattggg ttgaaaagtt 420
ntcanattga tttacacggt ctattaatnn tcaaagtgaa tcgataca 468

<210> 2406
<211> 322
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2406

agcttccggt cccgagagca tctcttattt aagcatttca gcctttgctt tcgtgtagct 60
taagaaaaac gtcatttctt cttctttctt tcttccaagg ccatttctaa agttccaaga 120
actttctcca tcacccacag ccaccattag ccaccacaaa ccattgggtgt tctccacacc 180
gagaggaacc cttcaaccga agcggaatct tccaacttgg cttggcggtt cggtagagaa 240
tgaaacccta atctgacctt tcgttntctt tcgagggaac catgggttcta cgcttggttc 300
ttggtagttt catcttatct tt 322

<210> 2407
<211> 454
<212> DNA
<213> Glycine max
<400> 2407

gggttcgagg tacttaccgg ttgaagatcg aagaacgatg aagaacgaat gaagaacgtc 60
gaagaacggt tgaaaccttt gcgagattcc tcacggaaaa cgttacggaa acgtttcgga 120
agcgctcgg cttagatttt cttcacggaa acaatttttc caagcaaatt cgaaagagag 180
agaagtgcct aaggggctgg acccctttct tcttcacttc ctcccctatt tatagcaaaa 240
taggggaggt gggtgccgcc cagctcgccc aggcgagctc agctcgcca ggcgagcagg 300

gttgccttcct ccagaagcaa cgccttctg gaggaatctt ctggagggcc caaatgggccc 360
 tgggtgctat ttgcaccccc cattttacta agtacacccc ccctctgctg gtttttggag 420
 atcttttttc gtaatgtacg gaaacttacg aatt 454

<210> 2408
 <211> 453
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2408

tctctctttc acacactata ggtngtgata tttctgacaa gcggtaaagt ttatgaaaga 60
 agatatatct tctaaggaac actcacgcac tctagggacc tgtgttgaat taccaaaggg 120
 gtgttagaga gctgggtgnt agtgggattt gattactata ctggactctt attgtatcct 180
 tgaacagtgc aatgctagac ttgttgctaa tgtacttact tagaaagatg gcattgatta 240
 tatagagacg gtatnactga tcttacgaaa tgattgtttc aagaattatg ttgacattat 300
 gttgtccatt tatgacttcg gagttacatc actctggatg gtgactactc tcctatctta 360
 actgtgatat tagaggagaa ttgtcgtatt gacctaccga tgggtgttctc tagttgatgg 420
 ataggacatc tcggtgcat actaataaaa tcg 453

<210> 2409
 <211> 442
 <212> DNA
 <213> Glycine max

<400> 2409

ggcactacca tgtttattaa ttagatttcc gattaccaac atttaatcga tgcactctat 60
 aatttaaagt tttttagaat taattgtctc ccacaatatt tctatcttgc tccattatct 120
 ttcactctgag ttatgggttt aactagaaaa tcttgtagt tctattgtct ctaatctgaa 180
 gtacattgtt aaatttagat tttcgtttat cgataaatat taatttttgt tatgaatgtc 240
 agttaaaaaa aaatgaacca ctaatctctt ccttctgctt cctcccttta ctttttctca 300
 acaactcacc tattcttata cctccaaatt cttagaaatt aaacttaagc accatggaca 360
 taagtgtctg acgatggaat atataatcac acatctcatg ctatatttat atgtgatcaa 420
 ttaagcttta cgaacatgat at 442

<210> 2410
 <211> 434
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2410

agctagaaga agttttggct tttacttgcc caactccttt gagtgacatt tgtattgggt 60
 gttatcttga ttgatgcac ttantacatt tggtatctgc tttgcatcct gcatcatcat 120
 ggtagtagtgc aagaaaagtt tctaagttaa aaaaatttct tcagaggtaa aaactctcta 180
 ttttaatcga ttacagagtt gtcgtaatcg attacaacaa gctgtttgaa gcttacagaa 240
 gtaagtctca tatcggttta atcgattaca atagtatttt aattgatttc actgggtgta 300
 gaccatgact gatctttttc aggagtctca actctaatac attaccaagt ggattaatcg 360
 attacttctc tctcgttcaa gtgttcaaag gagaactaga acactctaata cgattatatt 420
 ggtcttgagt tatt 434

<210> 2411
 <211> 408
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2411

tggcccttct ccttttatgt ttcacaaagt gttgctagaa catgttaact atgaaaaggt 60
 tattgaaaaa cgttgagacc attaatagat tggttgctct atgtttgtct taatatgcaa 120
 gctgaaagtc ataattatga atctaaataa atctctcttt ggtgatattc atgataaagt 180
 taattcttgt tataaaccta ttgaagttat ccaatatgaa attagnatg ttgcattttg 240
 tgatgctcgg aaggacaatg aggctaaagc cctattagat cttgatcaag ctctctcttg 300
 catgagactt tatggaagga aaatgctttg cgaaatggaa ttgccattgt aatacattct 360
 attgtcacat gactcaagtg catcaaacat caaaacgggt tatatact 408

<210> 2412
 <211> 253
 <212> DNA
 <213> Glycine max

<400> 2412

agcttccttg ataagctaga gcttaactac acacaccctt ctgataacta agctcacctt 60

cttgagaaac tttcttgaaa agcttccttg agaagattcc tagagaagct agagcttagc 120

tacacacacg ctcttaataa ctaagcgtca ccttcttgaa atgagaaggt agagcttagc 180

tttttgtatc aagtgcgccc agaatagtta agaggagggg gctgaattaa ttactcgcta 240

acctttacta att 253

<210> 2413

<211> 380

<212> DNA

<213> Glycine max

<400> 2413

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cttgctattc cggaacaggt ctgggaggat gtatctattg attttatcac agggttgcct 120

tgttccagag gctatgaagc tattctgggt gttgcggaca ggctgaccaa atatagccat 180

tctgttccat tgaaacaccc ttatactgcc aaaggaattg ttgagatttt ctctgggaag 240

tactgatgct acatggagtt ccacaatctc tcgcgagtga tagagatcct ttatttatga 300

gtttgtcttg gaacgaacta tttaatttac acgcgacaat gctcaagatg agtacaactt 360

accttccgca gactgatgga 380

<210> 2414

<211> 423

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2414

agcttctata gaaggggttct tcctaatttc tcaacaattg cctcacctct caatgagctg 60

gtgaagaaga aggtggcatt tacttgggggt gaaagacaag agtaagcctt tgctttgctc 120

aaagaaaagc ttactaaggc acctattcta gctcttcctg actntttctaa aacttttgag 180

ctagaatgtg atgcctatgg agtgggagtt agagctgtat tgttacaagg tgggcactct 240

attgcttatt ttagtgaana acttcatggt gccaccctca actaccccac ctatgataaa 300

aagctntatg ccttaataag agccctccaa acttggaac attaccttgg tgtcaaggga 360
 atttgcatte atagtgatca tgaatcactt aagtacatta gagggcaaag caagttaaac 420
 aaa 423

<210> 2415
 <211> 480
 <212> DNA
 <213> Glycine max

<400> 2415

taacataagg catgtgaagt gggtggaatt cctagagcaa ttcccttatg ttatcaaaca 60
 taaaaaggga aaaghtaata ttgtagccga tgctctttct cggcgatcatg cattactttc 120
 tatgcttgaa acataattga ttgggtcttga atgtttgaaa agcatgtatg aaaatgatga 180
 aacttttgga gaaatcttta aaaattgtga aaatttttca gaaaatgggtt acttttagaca 240
 tgaaggcttt cttttcaaag aaaacaaatt gtgtgtgcct aaatgttcta caagaaattt 300
 gtcttggtgt gaagcacatg aatgagggtt aatggggcat tttgggggtcc aaaagactct 360
 agaaacatta caagaacatt cttataggcc tcatatgaaa aaggatgtgc ataaattttg 420
 tgaacattgc attgtatgta aaaaggcaaa gtctaaggta aagcctcatg gactgatact 480

<210> 2416
 <211> 257
 <212> DNA
 <213> Glycine max

<400> 2416

agagagaggt gagtgagca tactaatgat tgaggaaaag agagagagaa gctgaactct 60
 gaaatgtgtc tcacaagact ctcatcttc aaagatacaa caagcgtcac acatgcttgg 120
 atatatagac taggtagctt tcgtgagaag cttctactat aagctccctt gagaggctac 180
 agcttagcta cacacacccc tctactagct aagcttacct ccttgagaag cttccttgag 240
 aagcttacgt aagaaac 257

<210> 2417
 <211> 502
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2417

tcanaccaca gcaacacaga atctaggtgt ccaaaacccc tcatatcaat gggttttcta 60
 ggtttgaaaa gtgaaattta gaatgaggta aanttgaagc aaactctcac ctcacacaag 120
 tccataacat caatctaaac ttgcccacac tggatttaca cctaaaattc caccaaata 180
 aaatttgact cttcaacacc caattttgcc ctagaaatgg ctcttggttc actttggtca 240
 tttgtttttc tctctagctc agcctaacct ttctcacatg ttctaaatga aatttcaagc 300
 tagtattaac tcaactaac ctccatttac cacagaattc agacttagcc ttccaactct 360
 caaagtctca ctctttttcc actcataaca tcacattctc acttttctaac cttggggttag 420
 ttctaccctt catctctaac agatgttcat cagcaatttc agcatataaa catcacanac 480
 atcattacat aaaccctaaa ca 502

<210> 2418
 <211> 404
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2418

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 tgaaaagtta cgaccatttg aatttcttga gaacttctat tnttcaagtt caagtgccctt 120
 tatatatcat gggcctcaat cgtatatcca tctcaaaagt tatggtcgtc tgaattggac 180
 aagagctttc gtgttgaatt tcgagcgtct cgatatattg tggacctgaa tcggacatcc 240
 gagtaaaact ttatgaccat ttgaatttcc ctataacttc cagtattaaa tatggagccg 300
 tttgatatat catgggactt aatcgtacat tcatgttaat agttatggcc gtctgaattg 360
 gactaaagct tctgcgttca attttgagcg tcctgatata ttat 404

<210> 2419
 <211> 422
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2419

tcatggagaa tcaaagggtga ttcanagggtg gtttgatgat aacataagat gatgacaaag 60

gtgatgacaa aaagctcana gatcaatcaa agaacaactc aagtgaatca agaacaattc 120
aagagttcaa gataagaatc aagaagaatt caagactcaa gaagaaagtt tagaatcaag 180
aatcaagatt caaggttcaa gatctcaaga atcaagatca agattcaaga ctcaagattc 240
aagaatcaag agaaggctta atcaagataa gtatgaaaag gtttttctca caaattgaat 300
agcacatggg ttttctcaag acatgtttac caaagagttt ttactctctg gtaatcgatt 360
accatattgt tgtaatcgat taccagtagc acaatggagt tgaaaagttt taaattgaat 420
ta 422

<210> 2420
<211> 325
<212> DNA
<213> Glycine max

<400> 2420

gatctacttt agggctaggg ttaggggttat tggccgatac gtcttggtcg tctcttcgat 60
acgatctaag ttattctatc atccacaaca ttccggcacc gtcatacaca tctaggagta 120
tgaatttaac tattagtatt tatttatttc gtgataaacg atttgctcga tagacaacct 180
tcgtgaagag gcacccact ggtgaattct ataagaaata tgaacgtgag actctttctc 240
tataacttta ttattactaa ctttttaatt tggatatct tattcttttg tagactatgc 300
ttactccgaa ccagcgacca ttgggt 325

<210> 2421
<211> 495
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2421

tatacatact caagctcgca caggagtgtg aggtgatact gagtattctt ttcaacaatg 60
actggccttc aattagtggg gattctgagg aagatgaata tggctccacg actggaaatg 120
aaagcaaagc gacgctgatg catgttccaa aagaacttgc tgaaattgac aacatggaga 180
acacgttcac caactaact ctatcagcac tgcgtagctt ggaagaaatt atgggtagaa 240
gctcaactgt tagcattttc tcattgccta ctttgcataa ctaggctttg caactgcaag 300

aggattggaa aataaaatga ctgcactagc gactgcaacc aaataggtcc tcaggataac 360
 atagatcttc tcgtgtttat cttcacatct atcttaatgt ttattagaan agaaatagac 420
 acagaattta gacatgagtn gccatttata caagaggatc catctccctg tttaatggta 480
 gatttcatat gaaac 495

<210> 2422
 <211> 399
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2422

agcttcttat ccaagacact ctcttgngg tgaaacttct catttcatgg cttattctct 60
 aatggatggc gtctcatcgc accttttctc ctttatcttc cgctgctact ccatggctga 120
 aaagcaccat tgaaggacct tattgaagct caaagattca gcctccatag aagcttctca 180
 agcaagcttc catcaacaca tttgcatgta ggaggaatag tgaattgtga agatgacatt 240
 tcaggacctc gcattcttgc tctctctctc tcccacgtaa gtttctctc tctctcttta 300
 ttttatttta tcaaaatggg tgggattagg tggaaaatcc cattttcgta ggcccacatn 360
 gtgttttcta atgggagttg ataatggtcc ctactaaaa 399

<210> 2423
 <211> 491
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2423

nggattgatt cagtctaact agggatcgag gtttagtaat ttaggctaca acgtagtaca 60
 cagaatcatg attgattaga gaaacatctc tatatacatc agctgggttg ttagaaagac 120
 ccaacacctt tacctactgc tgtcaatctt acttacttgc atttttacta tttttagcca 180
 agacttagtt taattctgtt ctaaatactc aattatcaat gtttctttca acaatgcctt 240
 atttctgaat ttaaccctgt ctaatactag ttccctgagt tcgatactcg aattcatccg 300
 ttttaatttt aaatacttga caatccggtg cactttccgg caaaccggat ttcccttgaa 360
 catatttgta taaagaaaaa atggaccaaa aagtaactac agggtaaata caacaaagta 420

tttatggcgc tcgtgctggc gatctagatt cattagaaga gtttatgttc agtttacgac 480
attgctttat a 491

<210> 2424
<211> 357
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2424

actcatttta tatatagctt aaggtgtgtt tggtttgat tttcattttt tgttttcatt 60
tcctgtnttc agnttctgac actactagga aataagggtt ttacatcaat tatttaagac 120
tttcaacatc ggttattaac cgatgttgaa agtcccgatg ttgaaagtaa tatcgttaac 180
atctgttttt caaaatcgat ggtaactaat aaatacaaca tttgggtattt aaatagccaa 240
tgttacatga taagaatttt gaanaaagaa atttataaat ttacatatca acatcgcggt 300
atttaaaaac cgatgttaac tagcactaaa agtcaatgtt aactgtcact aacaaca 357

<210> 2425
<211> 415
<212> DNA
<213> Glycine max

<400> 2425

atacactact caagcttctt atccaaggca actcttggtg gtgaagctcc ttcttccttg 60
tcttattccc tagtggatgg tgctccctt atactcttct cctttgctt ccgctgcatc 120
tccatggtga aaaatcacca ttgaaggacc tcattgaagc tcaaagatcc agcctccata 180
gaagctccac aagcaagctt ccatcacatt cctcaciaat ccctccttag tggatgtagt 240
ggtggaggag acctccttac ttcaccctac ttctcttccg ccatgactta gggagatata 300
tttcttttgt cttcttcttt acttttatgt gacttgcca aatatattga ttgctttgat 360
tgttcatgat cttatgattg tgctacattg aggacaatgt gttgtttaag tgtga 415

<210> 2426
<211> 267
<212> DNA
<213> Glycine max

<400> 2426

gtgactcgcg ggatgcgtgt tccacgaaag gaatacgcgc ggagtcgcca ccaacgttta 60
 tttgacgaaa acgtcggata gaccggaaga gacgcgatct acgaactttt taagtgaaag 120
 gttcgggagt tgtatttacg cacgtagaag gtattagcac tccgcatgcc cgtcccatgg 180
 gactggtagc ctttcaatcg aatgtgcaaa catgactttg atttttatgt tcccttttat 240
 gttcttatat ccttgatacc cttttta 267

<210> 2427
 <211> 364
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2427

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 ccaagagtca catctattca aatgggtttat gaatggccat caaaggtcta tttatatgtg 120
 acttggaac acgaattatg agagagattt cattgcccaa aaagttttat cctctcataa 180
 gattaagaga gtttttctga attgaaatgt cttatcctct caaaaagata ccttggtcaa 240
 acacttgcatt attcgataag gaattttgat tgatcttcat tgtataatct atctctttca 300
 agggagatat cttcttctct tcttcttatt tctggaaaaa agggattaag agaccgacgg 360
 tctc 364

<210> 2428
 <211> 317
 <212> DNA
 <213> Glycine max
 <400> 2428

tggatgatac gactgattgt attagggctt ctctctccac gaaagagacg tgtctttggt 60
 tccactttgc tagctttctc tcacatttgg tgataatagg atcccacaac tcacaccgcc 120
 tatggtttgt ccaattggat acccaaaaaa tgaatggtag gacaacaact gcagttatgt 180
 atgttgcaac ttcttcttca gagatcgggt cccaatgccc aaacaactct tcgagaattt 240
 atttgaggct tgatacaagt caagctctc aaatggcttt ggtgcctaac attttcattg 300
 gtgctcaccg aaaatat 317

<210> 2429
 <211> 325
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2429

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 aaaggatgat aggctaataag gttattagaa acagtgatat ggtgggtgtat aatactcaat 120
 ccaacacata acaatggaaa caaaaattta tgtgttctct ctctagactc tgctatcaaa 180
 tgtcngtgtt atgaaactta tttttctgct tctttgtctc gatgccgact aaaacaaaat 240
 aatcaaatcg tgagatttgt ttctattggt taatttgcaa attgactttg tttcaaaatt 300
 caatctgata ttatatttct ttatc 325

<210> 2430
 <211> 411
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2430

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 ttctctgcct cgctgtcact ccccatctct ctctgcgac ttaattggag aagaagaaag 120
 aagcttcaga gctttaaacc ctctcctcta gctagggttt aatttaggat tcacacgcta 180
 tggcgccgcg cgtgacttat caaatgttta ttactcgccc cactccatga ttngatcaca 240
 cccagcctca tatcggcctt aaaacttggg cctatcta at ggaccagaaa gcgctatgcg 300
 attccaaccc aatattttgc tatattcaca ttatatnttg tgttatttct gtttctgaaa 360
 atacccccac ctttccgtta tacaatatac acaaagtgg tccgttgtat a 411

<210> 2431
 <211> 481
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2431

tagccaacta gatggattac catnttcttc atatnttcct ntttgtagt ctatgccact 60

atgttctcta gagttggaga attatatcca atgatagtgt gttccttttg gtatattagt 120
tcaagtatag aaaaatatgt gctctgggtg gctcatttat tcatgtatga aattaaattt 180
gaagagttaa tatttgccaa caatctcttt ggtctttcag atgatggcga tgggggatat 240
gatgatgatn tggaagaact gatggataat tcggtaagca tgaaataatc tgtactagct 300
atggtgtgtg tatacatatt tgaggaggga tcaagttatt ccaagagtaa ctttaagggtg 360
ggcacttgat agatgggaaa tttttactat cccaganatc ttaaagtgga aaactatgat 420
tctcatgttt ggtatgcaca taataaagaa gactgtcaag aaactatgat ttccgtgaat 480
c 481

<210> 2432
<211> 311
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2432

catgcaagct tgaatcattc tatgcaccct taggcgttca ttcttgcttt gtatgttata 60
atcttcatct cgtctacttt cagtattctt tttttacgtt ttaaacgagt ctcgaccgat 120
cgtttaagcc gtatcctcac ttaactaatg ataacacgaa tctccatoga tcgtttgtgt 180
tgtaaagttg tgtaatcacc ttttaaataga atatcaacca atcatttgcg ttgtaatccc 240
gtttaattca tcntgagata ccttaatttc gtccggggat cattgcttgt tggatgaga 300
ctatcgcttg a 311

<210> 2433
<211> 442
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2433

ntntattgta atcttgagat tcaggacagc actctgattt ctgaaatatt tgggataaaa 60
atggtcattg accagtcctt tttccatgac ttaaccaaatt taccagtgga cggtgtacca 120
tttgaaggta cactgaatga cgactgaaaa tttgatttct ctgcccataga tgcccgccag 180
ttggtttgca ccaacaatgc ggatatgacc ggacgtcttc ttgccgggtc attggctttt 240

gaaagccgca tccttcaacta ttttaattgtg cgtattttgc ttccacgggc ttccaacctt 300
 gcccagggtt ctgaggaaga tctaattatc atgtgggcct ttcatacagg gtgtcaactt 360
 gactgggcac acttagtcag atatcgcatg cataaggcat tgcgaataaa tgctccatta 420
 ccatatccac agcttgtcac tc 442

<210> 2434
 <211> 558
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2434

gggttgaacc attgagatca aggccctttc gaagccggga tactgtatag tgacctgcat 60
 gcatgtcagc ttggaaggta gtcatacctc acaanatata tatatatata tatatatata 120
 tatatatata tatatatata catatatata tatatatatg cgtgccgagg tagccagata 180
 ccttggatat gcatgtatat agcacaaata cctcacaaaa tatatatatg tatgtgtagg 240
 tagcataata cctcgtgaga aataaacgat caaaaaacat ggtgagagca taaaatatct 300
 ctgtcgtgtg ataagccaac actgcttcgt agagagataa ctcttagctc ttctttgaaa 360
 gatgaatcat ctgatcatag ccatgtcttt ttgaaanact atatgtgtat acaccctgaa 420
 ggtgtgaatg cgtgtggaca ttctttccga acaccacag atggacttgg atgaatgcat 480
 gatttgatat aagaacatat tctataaaca ctgggtcgct taaataagga caaagaatcc 540
 tgacctcac gttcatcg 558

<210> 2435
 <211> 417
 <212> DNA
 <213> Glycine max
 <400> 2435

taacatcata tgaagccatg gataagagct tgtatgagga gatgatgagg ggaaggagaa 60
 cgagagaatg agcacgaaat tttgtgcctc acatgaggtc tgaactttga agcgttattc 120
 ccaaatgatc aaagttaaaa aaatgcacac gcatgacctc tatttatagc ctaagtgtca 180
 cacaaaattg gagggaaatt tgaaattcta ttcaaaattt acttgaattt gaaattgaat 240

ttgtggagca aaatTTTgga gccaaaattt cactaattat gattagggga atttagctat 300
 ggTtcagccc actaatacaa gatcaagtcc aagattctcc actaagtgtg tttagggtgc 360
 atgagacatg taaagcatga aggacatgcg caaagtgtga ctatatgata tgacaat 417

<210> 2436
 <211> 416
 <212> DNA
 <213> Glycine max

<400> 2436

tagcttgaac tatatgagat ttgaatctaa ttttacttgg atcaacaata taatatatat 60
 ttaatttata gttgaaaata cggaaaaaca agaattttga tctattgata acatcatatt 120
 tacctccatc gcaatgttat aatacgttct agaacatgct catattgggt tcgtaatagt 180
 tgatattgat ttactcatag agctgaatat aagaacaatt gtcggtttta aagtacgtga 240
 tattctttat aaaataaaac ggtgggttata gttaatggaa ataataaaat taagaaatgt 300
 actttattaa gctcgcgaat caatagctgt atttaaaaca atatgtctat tacttgttgc 360
 ataacttgcc acgtctgtct tctaactgta cttgaatatc taatgacgga tatagt 416

<210> 2437
 <211> 612
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2437

cactgtgtca cantcaaaca ctatcgttct tactatatan cntatattan annccggggcc 60
 ccaggatttg aacctgtagt agccttgtat cgatactaag ctgtggacaa tagactctgc 120
 cgctagtata actatgacag gcatcttgta ttcctataca agagagtata aactctgatg 180
 aagaatatga cagtgctatg cttgaatgta ttagcaacat gcttttcagt actcccgtag 240
 agaagtctga tcgatctcct tctattggag gatcactcaa gacatctaca tgttgacatc 300
 gtgaaagcat aggttctctt tattatcgca cgggtgtgga cacgaatgtt gaaatcaatc 360
 acttgcgagt aatgttatct ctttctgtgc cagtgcaca actagtgatc atcttgcttc 420
 cacatcttga atgtggcgcc tacatagata taatatcacc aggtttcagc ctgggttatg 480
 aagaatagcc ttgatttatg gtaagatatt tatgatgatc gtgatcggat aaccgctcct 540

tcaaacatcg accatataacc gctgacagat taggtaatta ctgtgcccac agttctgttc 600
atcactcctt cn 612

<210> 2438
<211> 446
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2438

agcttctgtc ttgtaaccta tagaattgct tttgaaaatc tttntttttt ttatggcaga 60
cattatttaa ctatactttg cttcattcac atgatgctgc ttcttttgtc aattaaatga 120
aaaggggtggg tagcatttga tccttatgat tccagatcta gttgaaagtt gtgccagaat 180
ttttctaaaa atattttaac tgataacatt caaatgaagt agcttcattt gacaattaa 240
tgaaacgagt gggcagcact tgatccttat gatttcagat ttaattgtac gtgttgcttg 300
aagtttttat aaaaagtata ttttgtcttt ttaactgata tgtcattcac atgggtgtac 360
ttcactttgt cagtaaatga aaggggggtgg tagcatttga tttgattatt ccagatctag 420
ttgatagtgg taccctaaag tttcta 446

<210> 2439
<211> 484
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2439

tctttnggac cttgaacagg caactaactc ctctttcana accatgctat gtgctcgcga 60
atggtccttc tcttccttc gcagcttgag ttcattgttg ctaccccaca gagctccacg 120
aaatttattc cggccatact cttccttgcg agccctcttg gtctcttggt caagggctct 180
tgcagtagtt gcattctctt cccgtaacct ggcacactcc ttccgaatgt gtgtagcgtc 240
caacttgaac ttctccttg caagtttcgc ctttcctaac tcgcttttga gagcttggac 300
ttcttctgctc tcttcgggtg cttcaaaaact ttcttcgctg acgactttta acttggtgag 360
ccaatctaaa cctcgtacat gaacttttaa ccattcatgg taccaccaa tgatgccatt 420
acgaatgccc ctaagttctt gatcttttct taacgggggt tcccatgcct tatggattct 480

ttgg

484

<210> 2440
<211> 368
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2440

agcttccttg agaagcaagg aaggtagcat ccttgagaag ctacaggggg gctactcaca 60
cctctccatt agcaaagctc gcccccatgc caaaatacat gaaaatacaa tggttaagctt 120
ccttgagaag caaggaaggt agctttcttt ggaagcaagg aagaaagctt ccttgagaag 180
ctagaggggg gctactcaca cccctccaat agctaagctc acccccatgc caaaatacat 240
gaanatacaa aaaaagtctt tactacaaag actactcata atgccctgaa atacaaggct 300
agaaccctat actactaggg taccctaac ttgtaccctt aatctgtaga gtaccctaca 360
tacctaaa 368

<210> 2441
<211> 434
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2441

ntngaaaaca nactntgcc a ttggtaatcg attacaggaa tctggtaatc aattacaaga 60
gagtaaaaac tctgatgaan aataaaattg tgctatgttt gttttttttg aaaaatcttt 120
tcaatacttc ccttgatgaag tcttcttgat ttcttctctt gaaagatctt gaattcatct 180
tctcttgaat cttgaaatca aatttctctt gattcttgaa ttgttcttga ctcaatcttg 240
aatcattct cttgggattt ttgtcatcac ctttgttatc atcaaaacaa cttgaatcaa 300
tcttgattca acatcatgaa gcttgcttct acagaaatta gttatgagtt gggttttatct 360
tggnttatgt gtattaacct ttaatctttt ttaaagataa ctgcgggcac taatgatcgg 420
ttaaaccta cttt 434

<210> 2442
<211> 421

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2442

agcttagcat attgcaattg gatgcttccc gccaccagtg atcaagcctc tttgatagcc 60
ttaaacaatct ttctttcatc aatgtgcaca ctataatggt ctctgaaatg ttcatgtggc 120
tccacatgat ttaggtttgg atgaaaccta agcttatcag ccaccctttt ttccatccat 180
ttcattgtag cttgtttatt tttgaagacc cttccatata tgtgctcctc caaaaaagtg 240
ttgatttgaa agcttcttgt aacttcgaac catgaacaat aaatntccca tgaacatcca 300
acttggttac aacgcgctct agcttgaatg ttgtcaactt ttacccattt cagatctctg 360
ccatggaaaa tagttaagtc tctaacaact tcaataaaca ttttgatgct atcaaaactcc 420
a 421

<210> 2443
<211> 470
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2443

tcatgatgaa tcaagattga ttaaaagagt nttgatgata acatagatga tgacaaatag 60
ctcanaagtc aagaacactt catgttaaca aagatgatga cttcaagaat caaagaatga 120
gttcaagatt gaatcaagaa cacttcaagg atcaaaaagga aatttgattt caagaatcaa 180
gaatcaagtt tcaagattca agttccaaga atcaagatca agattcaaga ctcaagattc 240
aagaatcaag agaagattca atcacgataa gtattaaaaa gattnttcaa aaactgagta 300
gcacatgaat ttttctcaca aaccttttac cacagagttt ttactctctg gtaatcgatt 360
accagattgg ttgtatcgat taccagtagc acaatgcttt tcaaaaagct ttcaactgaa 420
ttacaatggt caattgattt aaaatctgta tcgatatatg atttgtaatc 470

<210> 2444
<211> 468
<212> DNA
<213> Glycine max
<400> 2444

agctcttaga tgcattgtgcg caccatattt actatactcc gatcaactaa tgcaatctat 60
 tgattgaaaa gataatccat actactcttc taatgtagtc tacaattaaa aaattaatct 120
 cacagaaaat agtgcttaag ccattcaaat caagtcaaca tgacggtggc aacacaacag 180
 caaagtggga tcgacagaga gagggagaag gaagcttcct agaacaaaaa atggaaatgt 240
 agaaatgagg tgagggttgc ctacatgcag ttggaatgga aacacataaa tcagctgagg 300
 ttgtaatgaa aacgcaaaaa tgatatttgg ttggtgttgc ttgttgacgt gcagaagctt 360
 ccttgtccaa tgacatgacc tcataggtat tgagggtgcag aagtacctcg gacagaggaa 420
 gaaaaccgta tatgtgattt ttgaaatgta aaatttacia aagccccg 468

<210> 2445
 <211> 484
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2445

cgctataatc catntgtact aaacctttct caattttaat acaagcctaa ttttcagctn 60
 tataactcttt tctctcaatt ctcaacttttg aaccataaat tctaactatgc tataaaagta 120
 ctaccacca cctgaaatct tttgcaactc cttaattttt cttttctttt cttaatcggt 180
 ttctttccat tttattttcg agaaaatcca agccctcacc gttcaagttt ttcttttcac 240
 tcttttcttt agttcttttt cagtttcaag ttcttgagtt aacctatttc aatttcaatt 300
 tttaaatatt tcaaaactata ttcttgagac aacctanac aacaattaat tcttataatt 360
 gttttatata anaataatta atttataaac accaatagag ataataagta atttaagttt 420
 aattaataat attatacatt ttttaaaaaa aataaagttt ttatagtatt taagtagtaa 480
 ttat 484

<210> 2446
 <211> 427
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2446

agcttctata taagctgaac cattttatca gtaaacacaa gttgagtttt attcagaaaa 60

ttagagtttta tctcttttat cttagtgaga gtgattctcc taaattcttg agtgattcaa 120
 gaacaccctg gctgtatcaa aggactttca caacctttgt gtgttgccct cgctggaaag 180
 agtgattctt tccttccttt catcttcacc cttgttcttt caaaccacaa ttccagaaaa 240
 tccacctctg cccagaatta tctcgtggcc ataactccca ttttatgcac tcaaantaag 300
 tgattcttga gcctaaattg actttcanaa cgagaccttt cacctcgttt tggaatcacc 360
 tcatttgag ccctgtagcn ttcagtattg ccatttctat atttctgtcc agccaccact 420
 taaccta 427

<210> 2447
 <211> 443
 <212> DNA
 <213> Glycine max

<400> 2447

agatggcctc aggatattcc ttatatccag actggaatac gatcaataga cctcctatct 60
 ttaatggaga gggttgccgc tactggaaca cccgaatgca ggtttttatc gcggcaatag 120
 atctaaatat ctgggaagcc attgaaatag ggccttatat acccaccaca gtacaaagag 180
 acacaatatg aaggagctga tcaagtgaag gcatagccat agataaacct agagatagat 240
 gggctgaaga ggatagaaga cgagtacaat acagcctaaa agccaaaaac ataatagcat 300
 ctgccctacg aatggatgaa tatagcacag ctccacattg caagagtgtc agcgaaatgt 360
 gggacactgt tcgagtaaca cactgaagga actacagatg ttcatagatc taggataaat 420
 gcactaactc atgagtatga att 443

<210> 2448
 <211> 318
 <212> DNA
 <213> Glycine max

<400> 2448

gtttttgccc aaatggagac actggatgtc tgctgtctc aagtcagcta gcatttctat 60
 tcttatcaat ggcagtccta caaaggatat tgctcctact agaggtttga ggcaagggga 120
 tccttttagcc cccttactct ttaatatagt tggagaaggc atcacaggat tgatgagggga 180
 agcagttcag aagaacttat atataagcta tatggctgga aagaaaaagg aaccattaa 240

tatstttgcag tatgcggatg acacagtttt tgtgggtgag gctgagtggg agaattgttat 300
 tgttttgagg ctatgctc 318

<210> 2449
 <211> 374
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2449

tctcccctat tatgctataa atatggggag aagtgaagaa gaaaagggtt cagcccctta 60
 gacacttctc tctctttcga atttgctgag gaaaattagt tctgtgaaga anattcgagc 120
 cgaggcgctt ccgtaacgtt tccgtgagta gttacgtgaa gattctcgac cgttcttcan 180
 agattcatcg ttcgttcttc gttttcttca gtcttcaacg ggtaagtacc tcaaaccaag 240
 cttttcaatt cactctatgt acccgtgggtg gtccacattn tggttcatgt atttttattc 300
 tcgggtttcat ttacttttta taccctctt tgacgtgctt aagccattta tttaagtcatt 360
 ttctcgctta atct 374

<210> 2450
 <211> 419
 <212> DNA
 <213> Glycine max

<400> 2450

ctaagtagca ctcaaaccag gtgtatgtac cttcaaggcc tacactccga agagtccgtc 60
 aagatctctc cctcctgatt tatgaccaac ccctacaata atatttgcat gcagacaccg 120
 ctcatgaatt atacaatact cagcactcc cacctgttgt ttacacacgt tcaacataat 180
 tgcactataa tttaacactg gttcctaaat taaaaacctt catttttctt ttaacattgc 240
 gcataataaa ttttctcaag ataaacactg gtcaggctat tgtacaattc acaactcacg 300
 acacaagtaa tgttacatca agtattaacc acacacttat tcataactaa aactcatggt 360
 cacaatttca catctcttaa tatcacaatc caccatcaca tgtttacatg tatatcaca 419

<210> 2451
 <211> 492
 <212> DNA

<213> Glycine max

<400> 2451

gggaaggtag tcataacctca caaaatatat gtatggtgtg ttaagtagcg aacatacctt 60
ggatatgcat gtatgtaatt taggtggcaa aaaaaatacc tcaaaatata tatgtgtgtg 120
tgtgtgtgtg tgtgtgtgtg tgtgtgtgta tgtttaagta ctaagatacc ttggatatgc 180
atgtgtatag cacaaatacc tcacaaaaca tatatatgta tgtttatgta gcaagatacc 240
ttggatacac atgtatatag caataatacc ctccataaat attctcatgt gtatgtagct 300
aaataacctca tcgatgaaaa taacacaggc gaccatgaag cataaatata tctttcggct 360
gaagagacag cacacttttg agtgagataa cttccagctt tttcttgaac agattcacgc 420
actattacac cccttttgtc aaaaattgtg ttgcaccctg agggtgagcc attatttgtt 480
aataacattt cg 492

<210> 2452

<211> 384

<212> DNA

<213> Glycine max

<400> 2452

gcaagcttcg aagatagtga tgaggtacaa gccctatagg cagagcttga aagagtccga 60
gtagtccaag agaagttcaa gtccatagcc atcaaaagtc tgaaaagagt atgatgaact 120
aagggacgtc aatatggcca ccgctgaagc cttggaacga gaaaccaaga aggcccgata 180
ggaagaacac gaccaaagca aagttttgag ggggcttata gggcagcaat agtgagctca 240
cgctccaaag agtgaaaagg aatcatcacg ggtcatagcc atgatctgga aggacgagct 300
ataggtttgc cttatgtcga aaagaaaatt gtccaacag ttaaaccgag actgaatgga 360
atatgtgggc catcatcgat aagt 384

<210> 2453

<211> 486

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2453

tatgcgcata tttccttaca aacgttctct tgcacaagaa cattctatta accgaaaaaa 60

tgcacccata tacaatcaag gcagcttcgt tacctagatt atttacacgt acttccaagg 120
 tgtatttggtt acttacatca cacacctcct tggctaaatt cacatacatg cataactcaaa 180
 gcattttggg gtaccaaaaa ttgcacatgt gcacatcttg gtattttctaa tacctataca 240
 tacacaaact tcatgatgaa tcttgactat ctacacaata aggtgctaca ttntatgctc 300
 ttttcaagtt tttgctacct aaagccgcat ccaaattcaa gtatattttc ctttgctgaa 360
 ctaaaatgta ttcaaattaa aaggatataca ttntttggta atgtatcttc ttacataac 420
 atgcaacata tttatgtata ttnttttggt agacattntg actaccaaaa attatatgta 480
 cataca 486

<210> 2454
 <211> 433
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2454

agcattgcaa taatttcaat agttctatcg aacatatcaa tagacacgtc gttttttcaa 60
 atattttgtg taggtaactg ttacacgtca attcttgtcc ccaaagatta tggattagag 120
 attttaattt aggattccta taaataatat tataaagtta gaaacattaa aacaattgat 180
 ttcagaaatt aatgtgaaag agattatgcc aaaattttgt tctggaacct ggataagatt 240
 gctatatttt aaagtaaatt atattgtaaa ataatatcat ataaaggtaa ttttttattt 300
 ggtaacatga aaactntata tgcaagtcaa aatccaaatt taaacatctt gttttctcaa 360
 taataataaa ctatattcca attttattaa ggggataccc ttctgggata tatatatata 420
 tatatatata tat 433

<210> 2455
 <211> 432
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2455

ggctctanat ntacattgat gtttgatatt attggaggag gttgtatgcc atttttgttt 60
 taagggtagc atttcttggt aaaaaactaac ttccaaatg ttgccttcg caggaatggc 120

cccgaggaag cttgcctcaa agaggtccag gaaggacaag gcggccgaag gaactagttc 180
 cgctccggag tacgacagtc accgctttat gagcgctgta caccagcagc gcttcgaggc 240
 catcaaggga tggtcgtttc tccgggagcg acgcgtccag ctcagggacg acgagtatac 300
 tgatttccag gaggaatatag ggcgccggcg gtgggcatca ctgggttactc ccatggccaa 360
 gttcgatcca gaaatagtcc ttgagtttta tgccaatgct tgcgcaacag aggagggcgt 420
 gcgtgacatg ag 432

<210> 2456
 <211> 416
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2456

tactcaagcc ccgactgggg acattggtga gggacgaaag atggngatgg atgtggagcc 60
 atgttagana aatgctcaca catggcatca actatgctgg ccagctcgga gtgtttctcg 120
 gcgaggggtg agatggcttc ttcgagtcta tccgtggtgg tacaacgggt tccgtgttct 180
 gccatggtag caagtcggac cagctgttaa gagctgatga gagagagaga gagagagatt 240
 actacactaa gctaatacta ggaaatgatt tctttgcttt attcatgagt gagctgtcct 300
 tctatacaca ggtcttacat tgctatggct tacaatggca ccaactacct tgcaataaca 360
 gaataaccac cctattgtaa ctaactaacg gtatccctaa ctaactggta tccatg 416

<210> 2457
 <211> 225
 <212> DNA
 <213> Glycine max

<400> 2457

agcttttcac tcggatgtcc gattccggag cataatatat cgagacgctc gaaattgagc 60
 aacggaagct cttgagaaat tcaaatggtc ataactttcc acatggatgt ctgattaaga 120
 cgcataatat atcaagatgt tcgaaattga acaacgaaag ctctcgagaa attcaaatag 180
 tcataacttt tcaactcgag ggtccgatca tgcgcataat atatc 225

<210> 2458

<211> 362
 <212> DNA
 <213> Glycine max

<400> 2458

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ctgcctttgc cctgatatat cttgaggact catggtcact atgaatgaca aagtccttgg 60
gataaaggta gtgttgccat cgtttcaaag cccgtactaa cgcatacaac ttcttatcat 120
aaggtgaata gttaacggta tgaccactta acatttcact aaaataagca atcggatggc 180
cttcttgcat caacacaggc ccaattccca catttgaagc atcacactca atctccaaag 240
attcttgaaa gtttggaac gcaagtatgg cggcattagt tagctcttgc ttaagaacat 300
tgaaagcttc ttcttggttc tctccccatt tgaaaccaac aattttcttg aacacttcat 360
tg 362
```

<210> 2459
 <211> 378
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2459

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agcttcacac catgtgcatt tctgttcttt agacagtctc agcatagtgtg cggttgagac 60
acaatgcaac tttgtatcac aaacaaacct tcctttgcag ttatatTTaa ctgcgcagat 120
tctgctgctg tccatatatn tattaatttg tacttgattn ttaagcttaa actgaaacga 180
ggccctagag aacaaaagac atcttctctg tacaatggca gagaataaat ataattatat 240
ataattgttg ggggaatttc ggtacctccc tatgcggtag acacgcgaca ctattcagcg 300
atctctcgca aacaacgaaa tttccaaaga cctatactga cattccaata tccaagtcaa 360
taaatatgtg agatgagt 378
```

<210> 2460
 <211> 484
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2460

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ngctataata ttagttaaaa aatagtttat gaaatttatc acatattatt ttataaaaat 60
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aatcatatac acattcatgt cataagataa aataacttaca aataaatctc aaacatatat 120
aattttgtct ttataattaa taatttatgc tattgattta tgaaagtttg tgtatatgta 180
acctaactta atcttaaatt catcaattac aactatatct gataagacat ttcagttaat 240
ttttaatttt tttcactagc taaaaaattt gtttgactat ttagaaaaca agtttttttt 300
aatagtttct aacatttttt caaactattt gaagtaacat tntttaaaac cttagatttg 360
aaattctaac tttntatatt ttttttcatt gttatactta atatatttat ccaattntct 420
agttaccatt ttttaagaga tcataattgt attatngtc aatcatttta tctttttcaa 480
ctac 484

<210> 2461
<211> 462
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2461

gcatgcaagc tcgctgcatt ggaagggtcc aacaatctat tgttaaagat gactagacga 60
gtaaaattct gcataagaat aatgcgatgg gtggtagtgg ttcttcttat tcttctagtt 120
cagacaaaga caacctggag gagtgtcaga tgctgttaga gtcaaattgt tgatgtttga 180
tggagtcggt ccaagggcct ctatttcact ttcaggtgtg gcgaaagggt ttgttctctt 240
tagagaagca aatttcaggt gacagggttat gtagatgtga tactatgaaa aanaaactgg 300
ctatggattg aagacaagct aggaagaaat atgttttga caattacagt ataaatatct 360
cactaacaat tattatcttt cttctttttc taatacatta tattatacat ttatactctc 420
tatttatttc tcaattcttt gctctctaag ggcactatac ta 462

<210> 2462
<211> 318
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2462

cactataact acaaagntct tgattatcct cagcgtcacc aaatttttac cacatcacag 60
caggataaaa aaaaaagcc tttccagga acctatcaga cgttgacaca tggcagtcga 120

catctgaggc taatgggtcaa tatccaattg ggacgtcccg gaccaacatt gcagggattt 180
 aaaaaatggg ggactaaatt tgtgaattaa attatagggg ggccaaacgc gaaactggag 240
 caaaagtggg ggaccaaattg tgcaattttg tctcgttaat acaatcttaa cagcacagaa 300
 cttggtgctt ataccaat 318

<210> 2463
 <211> 486
 <212> DNA
 <213> Glycine max

<400> 2463

actcgcgga tgcaagctcg agagagcccg ggtagtcgaa gagaagttca agtccatagc 60
 catcaaagtt tgaaaagagt atgatgaact aagggatgtc aatatggcca ccgatgaagc 120
 cttggaatga gaaaccaaga aggcccgaaa ggaagaacac gaccaaagcc aagttttgag 180
 gggctttata gggcagcaat agtgagctca agctccgaag aggtgaaagg aatcatcacg 240
 ggtcataggc atgatcttga aggacgagct aaaggcttgc cttatgtcga aaagaaattt 300
 gtcccaacag ttaagcgaga ctgaaggga tatgtgggcc atcatcgatg agtgcaaaga 360
 gaagctaaat ctagcggcga ctcacgagca caggctagag gatgagtacg ccaagatata 420
 agcagatagc gaagcaaggg agagggtaat tgatttcata gcaccagagg caacaatgtg 480
 gacgga 486

<210> 2464
 <211> 453
 <212> DNA
 <213> Glycine max

<400> 2464

atacacactc aagccctaac ctcatgtct ctcacagtct gtagatttgg gagccaatcc 60
 aatccttgtg tccggactct cagccactta tgatagccgc cgatgatccc attactgctt 120
 cctctaagct ctctgtcctt tcttcacgcc gtatcccatg ccttgccaac tacttggaga 180
 accctcgcgt tgtggacact gaaaccccg gcatgaaag gcgtgatgct tccgtctgat 240
 ggcactcctc tcatgggaca tccttcgcat gaagatagaa tcctgattct tccttccttc 300
 tagcgaggga accaattaac agacgcccct ccatgctagc caagagttgg tcccaattcg 360

cctttcctta ttcgacgcac gagcggtagac cttgcagcgg atagacgggc ctaccttctt 420
 ggagataagg gtgtgagacc agccacacat ata 453

<210> 2465
 <211> 477
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2465

agcttgtana aggtggtacg gaaggtaaata gatatgaaaa taaaagtacg caaaacatat 60
 ggggaccacc aagggtacat agaatagaatt gaaaagtttg atttcgggaa cttaccgggtt 120
 gaagaccgaa gaacaacgaa gaacgaacga aggatggcgg aaaatcttca cgatatcacc 180
 cacggaaacg tctcgaacga gttacggaag cgcctcggct tggattttct tcacggaaac 240
 gaattttctc actaatttca agtgatcctc agataccaag aggggttgaat gcttttggtc 300
 ttcctcctc cccctattta tatggaaaag agggaaaagc ttgccacca gctcgcccag 360
 gcgagctggg gcctactgga ggagcttctc taaaggccca agtgggcctg gttgctattt 420
 gcacccctgt tactaaatac acccctggct ttttttgtga ttctttttcg taacgta 477

<210> 2466
 <211> 466
 <212> DNA
 <213> Glycine max

<400> 2466

ggcttccttt agatttctga gacgtctcag gacttcattt attgtgcaac aaaggacgcc 60
 aagtatctca cagcggctaa ccaaagggtg catgtcatca agtaataatc cccgaacgaa 120
 atcagggtat gacactttgt atttcctatg tggtatatgt atggtagttt tatttcttaa 180
 tcttatggcg atggatttag agatgcacct taatctcatt gtttatgcta ttttagttag 240
 accatctaca attacttgat ggttaccata atgtcgttta acttatttgc ttaagaagcc 300
 tttatgtttg ttgcagggtga tttacgaagc aatcttgtaa tgtaatgatt tcaaaacat 360
 tcagcatttg ataaacaaat ggtctgataa tatgatttaa ttggacattt atacaaatgg 420
 tttactagct tgacaagaat gacacttctt attacttaca cataat 466

<210> 2467
 <211> 471
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2467

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 ctcaggattc aaaagatgtg acatggacca ttgctgctat gttaaaaaat atactaatag 120
 ttatgttatc cttgctgtgt atgttgatga catgttgatt gcaggatcta gtatggcaga 180
 aattaacagg ttgaagcagc agttggcaga taactttgaa atgaaggatc ttggtccagc 240
 taaacaaatc cttggtatga gaattcttag aaacagatca gaaggaattn tgaagctgtc 300
 tcaggagaaa tatatacaca agttgcttga caggttttac cttggagatt ctaagaccag 360
 gaatacccct ttgggatctc atttgaaagt ttcaaagaag caatcttttg agacagatga 420
 agaanaatgg tacatgtcaa gagtaccata tgcatacaga agtgggagtt t 471

<210> 2468
 <211> 448
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2468

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 aaatctgatc atcttgtttt gataaatgca aaaaaaaaaa aaaaaaactg gggcaagtga 120
 aaaggatgag aaggaggag aaacctatgt tgtgactgcc attcttatac gaccaagttt 180
 cccaccaacc caacaatgtc attactcagc caataacaac ccttctcatt acccaccacc 240
 cagtcaccca caaaggccat ccctaaaatc aaccacaaaag cctacctacc gcacttccaa 300
 tgacaaacac cacctttagc ataaacaaa acaccaacca agaaatggaa tttgcagtga 360
 anaagcctgt agaattcacc ccaattocat tgtcctatgc taacttgctc ccatatctac 420
 ttgataattc aatggtagcc ataacccc 448

<210> 2469
 <211> 480
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2469

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 tttcattatt atatgtaccc ggatgggtccg cgtttgatgg ggtatnttat tctggatggg 120
 agactatgat acacaatctt gcgagcttaa gccacgggtac tctgaggggtg tgtcgcttgc 180
 gttaaaaatg aaagagatta ccgccaatcg atggaattga tgagtcgtaa tttcagtaga 240
 aaaagtgcga gcgttcggcg tgccgaacca tgtggcggag acaaggagggt aaagtatata 300
 ataaaaataa ggctttggct agaaaagga agacaatcgg agcgttggtc tttggattct 360
 cattttaatc gaatgaataa ttctaagggtg caccaagcct aaataactta ccaggcagct 420
 ccccataaag aggattcgag ggggtattgc attctcatca gaagagggga ttttaacgcc 480

<210> 2470
 <211> 486
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2470

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 ctttcctttn tctaaaagca attgccacat gtctcatttt gagtggagca aaagggggccc 120
 acctcttccc ctgatgtga catcatacac agccacaatg agagaaaaat ttgacctttt 180
 gaatgctaaa atcctgcctc ggtttgcatg tcgcctctat ggttccagtt cctcatgttt 240
 ctctacaccc gtcgaggctc cgcttcgaaa gtatacaata tatatatata tatatatata 300
 tatatatata tatatcaaaa cgctcagaat gagaccctga gcgtggctca caggttgggt 360
 ttgctaaaat ttaatttgca tgcaaaacga taatcttttag actaattaat tgaggattaa 420
 tctataactg gccagttatg gattactctt cgctattagt ctacncgcga tctgtcccaa 480
 tgtcan 486

<210> 2471
 <211> 421
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 2471

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ctttggggagc caagttattc cttacgttct cgacttcaac catttgtgat agccgcctat 120
gacaccatgg ctacttcccc taagctcttt atcttttctt tcttctttat tcaatgcctt 180
acggatcctc tgaagtgtct gtgcattagc ttcattgaaa cctcacgcga tgaaagatgc 240
aatggtctcc tctgatggcg cacctctcat agggtaacct agttgtctta tgggcaacag 300
gattataatt aatacaaccc atcatcccca tcaaagagac cattggaaat tcttcacatg 360
agcataacac tcatgcccct ctttctttca ccgtgggacc aactattgac gccctatcat 420
g 421

<210> 2472

<211> 363

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2472

ngctaaccgg tggaagctcc taatatctcc cacacctttt ggtgtggggc attcttggat 60
ggccttgatt ttcttagggg ccacttggac tccatttcta ccaactacaa accctaagag 120
aactatatta tctacacaaa aggtacctga aagaacctgc ctgagatgtc ctaagtgatc 180
atctagactc ctactataca ccacaatatc atcaaaataa ataactacaa atctaccaat 240
gaaatccctt aagacatgat gcataagcct catanagggtg cttgggtgcat tactgtgccc 300
aanaggcatc actagtcatt catacaaacc aaacttggtc ttgaaagcgg gtttccactc 360
atc 363

<210> 2473

<211> 407

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2473

agcttcatga tgatgaacca agcaattntg atgatgccaa aagcccaagt gatttattca 60
agattgattc aagacttcaa gatcaagcat caagaatcca atccaagaat caagattcaa 120

gagaagaaat caagaagcaa caagtcaaga ctgcatatag gataagtatt aaaagaattn 180
 ttcaaaaacc aaataacaca gttttgttnt ataaaagaat tttctcaaat tttctaagtt 240
 accagagtga ttactctctg gtaatcgatt accagttggc agtaatcgat taccagtggc 300
 cagattgggtt ttcaaaatgt tttcaaatga tttgtaacgt tccacaatga ttttcanata 360
 gtgtaatcaa ttacactata ttagtaatcg attacaagtg aatctga 407

<210> 2474
 <211> 551
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2474

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 agactaagtg ctcaccaaca ctagataaga atccctcagg ttgtttcatg taaacctctt 120
 cttctagatc accattcagg aacaccattt tcacatccat ttgatgcaac tcaagatcaa 180
 aatgagctac taatgccaaa attactcgaa gagagtctct cttagataca ggggaaaggt 240
 ctctctgtaa ttgattcctt ctcttttagt gaatccttta gcaacaagtt ttgccttatg 300
 tctctcaatg ttgccttcta agtctttctt tgttttgaag acccatctac atccgatggc 360
 ttttacacca acaggcaact caacgagatc ccaaacttgg ttagatgcca tagaatccat 420
 ctcatccctc atagcattat accacaaatt tgattcctta gaactcatgg cttgtgaaaa 480
 catctcagga tcatnttcgg ctccaatggt gtagttggat tcttgtangt aactacata 540
 atcactacga n 551

<210> 2475
 <211> 330
 <212> DNA
 <213> Glycine max

<400> 2475

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 aagccactat tacaaatatg tttatttctg atgaatggat cctaaaccag ttatctaagg 120
 agcctaaggg gaaagaagtt gctaaggtag tgctcatgcc ttctttttgg aatagtgtgg 180
 ctcacctctt tatagacatg gctccacttg tcaaagtgat tcttcttgat gatggtgaaa 240

ggaaaccagc catgggctat atttatgaag caatggacaa ggaataagaa acaattatca 300
 agtgtttcaa cgacaatgaa agccagtaca 330

<210> 2476
 <211> 483
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2476

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 gtgtaaagtt tctcactctt atttcattga ttttgccggc ttaaattgat gctttggttt 120
 tattgcccta cacattaaat ttcataattt tttctctctc ctctttgcaa tttttcttta 180
 actaaagctc tatctcattg aattttatta tcttttgccc tcattntctt tatttgaacc 240
 tcatttcacg gtcttttgct tcactctctc gatatttttt atctgaacct ccactcatt 300
 tatctaacaa aaaataactt attttggttc tttatgcctc ctctctcagt aagttttttt 360
 aatctaaatc tgcacacctat taattatctt acctatattt gttttgttgt gcaaataac 420
 atctaaattt agaaaaaatg attcctaagt agtgaatgaa tttgagcaat caatcttacc 480
 tct 483

<210> 2477
 <211> 373
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2477

agcttcttaa aatataagat atgagatact ttgtttataa agataaagag atattaaatt 60
 attttaaata taatatttca ttttttcttt gaaaaactaa tcaaattccat atctctttaa 120
 cattatacat aaaaacatct acttgaggca aggtacacaa acataaacta aaaaaatagt 180
 tcaagtctaa ttntagattt agaaaagaaa aagatgattt gctctttctg gttttactca 240
 tcaaagagtt gataggtagt ctcaagtgtaa atacacaaag ttttcacacg gatacathtt 300
 cgtccattca cttaaaatgt tgggtgcact cgtaataatg ttgagtgcac ctaacatcac 360
 ccttttcttt atc 373

<210> 2478
 <211> 445
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2478

ttcaaaacat gtttgcttct ggtgatcgat tatagcctct gataattgat taccagagag 60
 aaatatatat tttccaaaga tgtacaacca cttaaaaaac tttataagag atttgaaaat 120
 ttaagtcttt taaggccaaa ccattgcaat tttttaagag attcttttaa caaataatgg 180
 actattgtga atcgcttcta ttaatctctt aatcttgact tgaatcaact atgaatagct 240
 tcaatctttt ggcatcatca aaatcttcat acagcatatg cattcacatc tacaagttag 300
 tttccgttct tgtagattnt acataaaaaa attggttttg ggtttgggcc ttttaattatc 360
 tatttgtctt ctggagtgag tttggaaata atggaattac tagagacaaa atctcaattg 420
 gattgattgg aaatggatgt aactc 445

<210> 2479
 <211> 233
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2479

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 attgttcatt attaaaatca gtcccaccaa ctctcatgtg aatgtctcag aacaatgatg 120
 agagattatt accgattaat attatatact tataagaatc aatagaacaa aagaatatgt 180
 ataaagcaat tgcaaaggca tataaaactc aagcacttac aaaaaagtcc atg 233

<210> 2480
 <211> 341
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2480

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 gggataacat gttgctttga aattataata ttgttattga gattgagtat aagtgcaaaa 180
 ttaanaatgc attaatttgt gagatacacg taaacatgtg atgggtgaatt gtgatattat 240
 gagatgtaaa attgtgaaca tgaaatttag ttgtacataa atgtgtgggt aatacttaat 300
 ggtgaaatac tcgtgtttgtg agttgtgaat tatacaataa t 341

<210> 2481
 <211> 361
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2481

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 gtcagcagag gaacacaaac cgcagaccct tgcgacaggt acagattttt ggttcaaggc 120
 cagttgggtt accaagttaa ccaatgcac cagttttcct tcaagcttct tagtttcaga 180
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 ggcgctaaac tgctgagagt tggaagccat cttctcaatt gaatttctgg cttcaacagg 300
 agtcatgtct ccaagggctc caccactggc agcatctatc atacttctct ccatattact 360
 g 361

<210> 2482
 <211> 433
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2482

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 tactcttaaa gcacaaatgg catataacct cctcccataa atacaaacat caatgtaaat 120
 ttagagtaag cttatgcgca tatttcttta caaatgttct cttgcacaag acattctatt 180
 aaccgaaaa atgcacccat atacaatcaa ggcagctccg ttacctagat tatttacacg 240
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taatacctat acatacacia actctatgat gaatcttgac tatctacaca ataaagtgct 420
acatttcacg ctc 433

<210> 2483
<211> 433
<212> DNA
<213> Glycine max

<400> 2483

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tttcctttta gcagatgctt caggagttgt aactccgagt ttgggttcatt tgtaattttg 120
ttgcttcagg ttgttaagcc ctttatatta ccaaaaaaaaa gaaatatcat agtatacaat 180
attatacaaaa ttctctttttt tctttattct ttccctgtat tccaaaacac aaaaatttct 240
catatttgag ttgaaggagc actctgccct agaggagtac tctacatttg agccaaagga 300
gcactttgct tatttataac taagtgttcc tttatatgct tctaacta tctataaata 360
aagttaacat ttggtcaagg gcattgcatt ggagattcta catctactag tgataagggc 420
ctgaaacatg taa 433

<210> 2484
<211> 443
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2484

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agagggaagc tccccaggt ccaactccga acacggctcg accggccggt aattccaaca 120
cgacaaggaa cttccctccg aggccattgc cggaattcac cccgctccca atgacgtacg 180
aagatcttct accatccctc atcgccaatc atttggctgt ggtaactccc ggaaggggtc 240
tcgaaccccc ttcccgag tggtatgacc ctaacgcaac ttgcaagtac catgggggtg 300
tccgggggca ttccgtcgag aaatgcttgg cccttaata caaggtccaa catttaatgg 360
atgtcggatg gctgactttc caagaagatc ggctcaatgt gagaaccaac ccgctcgcca 420
atcatnggag ggggagcggg aat 443

<210> 2485
 <211> 423
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2485

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 attctcacia aggtaaactc atcactttca aattgagctt tcaaaactat catgacatgt 180
 agaggagaat caaggatttc aagtcacaaa atgtcaaaaa cttttattcc aaaacaatta 240
 cccatttctt gaacatatcc tataattcaa agaanaacat gcaaagttgt acatgcacac 300
 aaaattgacc caaaatatta aactaacaat ccgaagaaaa ctacaacatt aacanattaa 360
 caaaaccaac aaaactagca aaccaaagaa cactcccccc ccccccccat acttaaacia 420
 cac 423

<210> 2486
 <211> 437
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2486

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 ctcacaatta gaaatgtag ttagtagaca ggttgattgt gaatgaaaag cttgatcata 120
 aattggtgag agtgtgatct taaattgtga gtgaacgact agcatagggg aataattttt 180
 gcatcaatct ctaaaattta tcacatttgg tgggggtgcc ataagcgttg agaaaaattg 240
 aacaaaacac ttgactggct attttgctaa atgaatgtta aatacaaaac tgcattgtat 300
 ctcatcttat catcttcaaa agttttgcaa aaattgagag tcgtttgtgt cgcaacctac 360
 cctatgacgg gcgtgcgggt ganaagacia aggagcgttc tccanaaagg aaaacacacg 420
 ggagtcaccc gcaacat 437

<210> 2487
 <211> 444
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2487

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agcttctcat ggaagtttct caagaaaact tctcaaggaa gtttctcaag gaagctacct 60
aggctataaa tagaagcatg tgtaacactt gttgtaactt tgatgaatga gagtcttggt 120
agacacaact caaagttcaa cttttctccc ctttttcctc cttcaatttc gtgctccacc 180
ctctctcttt ctctctctct ttcttttctt ccattgaagc atcctctcca agcttcttat 240
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gcctcctctc acctcttctc ctttgtcttc tgctgcatct ccatgggtgga aaataaccat 360
tgaaggacct cattgatgct canagatcnc agcctcacag aagctncaca nagcaagctt 420
cattangtgg cttagccagg agtc 444
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<210> 2488
 <211> 490
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2488

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aactttaaga ctaatttggt tcgaaagttt tattatttat tgctcccttc aactttttac 180
agttttacta ttgtacaact caaattaatg gcgaaaagga aacaaacctt tttgcttgta 240
tttccatttg tgtgaaagtt aatttgattt ataatttcac tattgtttca aaacttaatt 300
cactgttctt acccaatcag aagtaaacac acacaggaac ataagttgca taaccctttt 360
gcttgagaga ggaaaaaata taaatttcca tctacaaaac atacctaana cacaaactca 420
ctttcccat caccctaag tttggtacaa caattatagc atgcaattat ntaaaaataa 480
ataacatgat 490
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<210> 2489
 <211> 441
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 2489

agcttatgtc tccacaagac cttccatcat cttcaaaagc ttcattacta aatgaaagta 60
aagttgattc ccatcttgtg agcatgaaag gtcttttctca tctacagaag tttcctctgg 120
ttaagtggaa aaggtttcat tctctaccag agcttccacc attcttggaa gaattgtcac 180
taagtgaaag caatattgag tgcataccta anagcatata atatctttct catctgagaa 240
aactagccat aaaaaagtgc acagggttc gatatttacc agagcttcca ccatatttga 300
aagatttggt tgtacgtgga tgcgatattg aaagcttgcc aataagcatc aaagatcttg 360
gtcatttgcg aaagatcacc ttaattgagt gcaagaagct ccaggttcta ccagagctcc 420
caccatgctc tgcaatcatt t 441

<210> 2490

<211> 422

<212> DNA

<213> Glycine max

<400> 2490

ctgacttgag tcatcaagag attataaata tgtggccatg gcatgagttt caatcgtcaa 60
tcatcaatca tctttgaatc atctatcttt caatctttac aacatcatct ctcaacatct 120
ttcaatatct ttctacagaa ttttctgatt catttctctt catctttcta aaagtttttt 180
atcaacactt tctcttccaa gaaaaggctt ttattcaaaa acttgtgtta ttcattcttt 240
tcattctctt ctccctttgc caaaagaacg aaggactaat cgcttgaatt cttttgtgtc 300
tctcttctcc cttacaaaag attcaaagga ctaaccgcct gagaattctt ttgattatct 360
ccttccctt aagcaaaaaga tttcaaagga ctaaccgcct gagatatctt ttgtttcccc 420
tt 422

<210> 2491

<211> 453

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2491

agcttcatgg aacatttatg atactgatgt aaattcaggt cttcatgggt ntacaaaaat 60
catagttggt gtttaggcgg ttatcggtat caaaattcta gaatgctttg taaagatggt 120

catcaagtcc aagtctgtgc ctatgcattg tagtcgaaat gaattcaaga tagtcaattg 180
 acccatttcc gtcaacatca gcctgaggaa aaaatataca tgtcttgcaa attgaaacaa 240
 ttaggaacaa agcanaaatg catgacaaca aaaaatagta taaagatata ggaaatatca 300
 tagtttaatc acaacattaa aaaaggctnt agctagagcc tacataataa taattataat 360
 aataataata ataacaacga agcanacatg cattacaaca naacaaaatt aagaaataat 420
 aaatatcagt gttaactcct attgtcaca cat 453

<210> 2492
 <211> 374
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2492

ntcagagcgc agctgcgagc cctccaatct ccaacacaga gcgcgaccct ggaacctagc 60
 tgtgaccgcg agcacacagc aaccagcaat gacgaccac gccgtgaacg gcggcaacga 120
 gcacgacaac gacgaccac gccgcgaacg tcgacgacga cccacacgca gaacatcgcg 180
 atccaactct agtgggcatc ttgaagcttt attatttttt tttgggtttg gcttttctgt 240
 ttgacacca ttttttcct ttttctatt gacacctct ttttactttc gatagtccca 300
 ttnttatnt tttttctatt tgacaccaca attattttgt tcagtcctct tttatagtgg 360
 aaccatcatc tgat 374

<210> 2493
 <211> 309
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2493

agctntataa gcgcgggtct gggagacaaa ggtcaagtgg tcgcatatg cgaggatgat 60
 gttccgagta cattggattt ggtacgacca tgcctcctg atttccagct gggaaattgg 120
 cgagtggagg aacgccccg catttacgca acgagcataa tgtaaaccct tacggtttaa 180
 aagctctata gttaggccta ggcttttagaa gtcttccttt tgtaagagc tctgtgtcct 240
 ttgctattga acttataata caaggatctt tctttatctg ttctacgtg tctaccatt 300

ctcattcat

309

<210> 2494
<211> 457
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2494

tgagggttta gttcagtggg aaggaaccct ctttttttcc cttctataaa gactaatatg 60
acaataagag ggttgaattg taatttttac aaattctcaa aactttttct aaacacaaca 120
atgttacgtc tgaagatgaa tatgtaagaa aacatatatc atattttcgc agagcaattt 180
agacaatgac ttcggtatctt gtaagacaaa caatgatttt caaatataaaa aatcaaattc 240
gaaccataag tcaatttata acacataaga gaaaataaac aagataagac acatggaatt 300
atattgggtc atctaaacca ctgagactac attcagttct tgacaaacca ctaagtacta 360
ctaacttcaa ctacttataa gtatttatga ctctcactnt tagttcctta actcaagctc 420
tataccaaac ttgttccaat caatattttt tttttat 457

<210> 2495
<211> 279
<212> DNA
<213> Glycine max

<400> 2495

agcttccttt caacaaagag aagagaataa tgaaggattg aagaaatata agtagtgggg 60
atgtcttctc cacctctaga acctcacaat cactcataga ctcatctcat gctcttagga 120
tggattcctc ttactctca gttctctacc agtcttcgca taacaaacgc tctcaaaact 180
ctctagaact tggacctttc tctctctaga aatctctaaa catgcaaaag cttcgagaac 240
tgcccaaact cccctccat ttctgatttc aggcttaaa 279

<210> 2496
<211> 400
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2496

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 aattgaaaat cttttaaata tttctcgtcc ttgaaaattc attntcgaga acctgcacag 120
 tttcttttat tgctacaagg tcatgacaaa agacaacaat agatacctca gagccctaca 180
 ttggggcaat gaaaggcacc atgcaagagc ctttaagtga cctaggggta gataagaagt 240
 tctcaccgag aaggtcgaaa acccgaaagg gtggcctagg caaaaattag ggtaataaaa 300
 aaataaaaaa aggagaaaac aatcatgagc gtgggttatca gggattgggc ttgaaatcca 360
 aacttgcaaa ggatccaagt caagatttga aatgacacat 400

<210> 2497
 <211> 434
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2497

agcttacatc atatgttcca agagaatatc atatgagaca tatagaagaa gagagaataa 60
 gaagagctaa tgagagagat gaaaggttat gttggaggac caaacaaaag agggaaggta 120
 tctctactag tgcaaaactc actacatcta ttcacctac tagaagtatg gaacttgaat 180
 gtctcatgtg ttcaagaaaa gggcatatga cctcccaatg cccaagatgg aagacattga 240
 caaatgagct aaaagaaaaa agatgaaaga gaatgagtta agaanaaatg agttgagggg 300
 aaaagaaaat gaaatgagag aaaaagatat tcaagaaaaa gaaatgaaag aaaaagagat 360
 tagagaaaga gaaataattt aaatagacag tgataaagaa tgagcacagg atgaagagaa 420
 gtatgactac tctt 434

<210> 2498
 <211> 274
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2498

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 catacatatt tatctaataa tgatntgggt gtcactgagc tatcaagact taattctagt 120
 gtgccgttac catgatcacg gaactacatg cttagttagg gtgactcaac attcggaaat 180

ggggtgtacc ttacaacctg ataggacagg gctggactat cgcattggca tgatacatca 240
 tggcagcata acctatgttt tggtatgtta tgtc 274

<210> 2499
 <211> 409
 <212> DNA
 <213> Glycine max

<400> 2499

tgagcatgca agctcttcaa acaacctgct aagcttattg caatactcca aggcattata 60
 tgcggtgggc aaatgttgcc cgaagagtat atcgtgaata tgaatcacta tttcaagatg 120
 ctgcgatctt gacctgaact ttatcttctc ttccttttcc gttcaccgct acatcatcat 180
 tggcgatata atgctatgca ctcttactgt tgaaaggcct gttatacaaa aaaatctggc 240
 catgtactgc atgatgagcag ttatgcatct cttccaaact aaagatatat tgcaggatta 300
 catgaacaat tttgattaaa agatgtatta tcttaacgac aattgactta tattatgtta 360
 atcaagtcct actttattta caatatataa cagcattaac atgaattaa 409

<210> 2500
 <211> 385
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2500

tgctctcggt gacgaanaca atagaataag cctcttcgag cttttcacag gcgtcaacga 60
 ttcgaagaat gaaggggtctg tgtttgaggg tggcgatgag gtggaggaca acctcggtgt 120
 cataggtggt gttgaagatg gagccgttgt cttcgagggtt ggttcggagg gtcttatagt 180
 tgacgagggtt gccgttgttg gccacgccga ctgagccgaa gcggttaaccg gcgacaaagg 240
 gctggacgtt tttgagcatg gataggacgg cgggtggagta tcggacgtgg ccgatggaga 300
 tgctgccggg gagctggtcg agttttgatt ggttgaagac ttcggagacg aggccaacgc 360
 cggatgatgga ttggaggacg ttgtt 385

<210> 2501
 <211> 560
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2501

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aactagtga gcatgtaaca ctccaactnn tatccaagac catcttgggg gagcgcttct 120
catggcgatc ttatgaaggt gcttccactc atccctggga ggacagtaca tccacatggt 180
ggaaaatcaa catagaatga cctgatatga agctcacaga tccatcctcc atcaaagctc 240
cacacgcaag ctaccatcac aaatatatga cgactactaa tgagtgcaaa cgaatactaa 300
tggttggtta agactacgat ccgctacaca tgagactaaa cgcattctgg agggacgaac 360
gtatatgtgt aggatacaga gattggttat ggagctcacc tcttctcatt gcgactgatt 420
atgacaggcg acttgcttcg ctcgtagaaa ccgtgaggca agaactcgag gggacgatcg 480
tatcagagca ccatcgctgg gcctcgccct gaaccagtca gtactttcca aaccatttcg 540
gtgtcaaaca gaggcaatcg 560

<210> 2502

<211> 376

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2502

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ttatcatgag gtcatagaag ttaaacaatt acatatcttt atatctccaa ctcagtgatt 120
tgaacatgca agttttgaag ttttgagcat attttgacc ttttcctttt cttcatgaag 180
aacttggaat atctgagctt tgtctacaca tgtgaagact accggtgaat ttgatggtgt 240
aggtgaaaat aaaattgaac tgggtcaatgt gaggaatfff aggagatctt tgatgcttaa 300
ccttccttta tatattaacg tgacaaaatt ctacatttat tttatgggta acacttctcc 360
acccttgtg ctgaan 376

<210> 2503

<211> 415

<212> DNA

<213> Glycine max

<223> unsure at all n locations
 <400> 2503

ngtgtcaatc ccacatgggt ggagcattct tgctaaacag ggtgatcctg actagtctcc 60
 ctatgattnt acttagtagg agtgatgagg acatgacaag gactaatggc aaggaacctt 120
 tagaaggact tggaggacct atgtcaaggg ctagaacaaa gaagaccaag gaagctcttc 180
 aacaagtgtt aaccatgcta tctgaatata ggccaagat acaagtggat aagattcaga 240
 ttgtcaattg taccatgttc caagaagagt agagggtgcc acctttgttg agtggctnta 300
 ttagtatattt gctagttgaa ataaaggctc anacttgtgt taaagtgact gtcaattata 360
 tttggatttg caccacctat nggacttggt taatntgaag aaattaagat ttaat 415

<210> 2504
 <211> 296
 <212> DNA
 <213> Glycine max

<400> 2504
 agcttgagga gcttgcttta gcccatatag agctttattg agtctaaaaa cacgatgtgg 60
 aagagtgtta ctctcaaacc ctgcgggggtg ctctacatag actctctctt gcattagtcc 120
 attgaggaat tcacttttac atccatttga agagtctcat atgtatgagc agcaatgacc 180
 tatagtgtat gcctccggtg acaacaagag tgaagttatg tatatcatac ctctttata 240
 aaaccttttg aacaaccttg cctgttgtac atactaactt cctataaagc tatgtc 296

<210> 2505
 <211> 368
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2505

gttgntgcgg aggtgcccaa accataactc tgatgacact gcatagctgt gtatcttcta 60
 tagtgggtgtg aaacctcaga ccaagatgat ccttgatacc tcagctggag gcactatgat 120
 gtccaagata ctgaaggaag ctattgtaat tattgactcc atatcatgca atgattatca 180
 aagtcacatcat ggaacaacct tcacttatag aacatgtatc atggagctgg acactccaag 240
 tgtaattcta actcataaca cactcttggt gcaacaaata gaggccttaa gcaaacagat 300

aggccaactt cctcaataat atcacccaag tggaccacag aatacacaca caactcatcg 360
agttcaaaa 368

<210> 2506
<211> 396
<212> DNA
<213> Glycine max

<400> 2506

atgcaagcct ttgtacaaag aagaagaaga agttcttaga gattcaaggc ttgtaaagga 60
ttgattggaa aagtaaagaa tgaaggaatg aattaattga aaatgcaaaa catagcctta 120
cttttataga ctcttcatgt ctgggtcaaga agactattag aagagttata acttttagaa 180
aaacttaaaa ccaatttgaa taagtcaaaa acctttttaa gagttacata gtttgattta 240
ttcagaaaca aacactggta atcgattacc aaattagtgt tatcgattac acatagcttt 300
tgtgtgaaag gatgtgacgt cttacatttg aatttgaatt tcaatgttca aatgcactgg 360
tcattgatta cctaaacatt gtaatcgact acagct 396

<210> 2507
<211> 452
<212> DNA
<213> Glycine max

<223> unsure at' all n locations
<400> 2507

gactctatac atactcagct ctttgatggt gatctaggtc tcagtagttg ctcttgaatc 60
anaatctaag aaagatccta gagattcatt gaggtgcatt cttgcatttc taccttcaca 120
agaaacttgg aaccctngga aggttgatta ggtaagggaa gctctaaatt ttattttgat 180
tgtgtgacta atgcttggaa tgatgatggt tttgggtgtt attgatattt ataagtttgg 240
gtgagtcttt gcagaagggt gggatgagta ggtataccat tattggccat gtagtttgca 300
attcgcaact tcattttcat ttcggcccaa ccgaagtnt gttntgactg accaaagcat 360
gacaaagtgg agcattaagc tccatagagg tttcagccca acaagagctt ngttcggcta 420
tgcattgagt agatagagt gagctttaag ct 452

<210> 2508
<211> 470

agtcattgtct ccaagggctc caccactggc agcatctatc atactttctc ccatattact 360
gagtccttca taanaatatt ggagaagcaa ctgctctgaa atctgatggg gagggaaaact 420
gacacatagt tttttaaatc tctcccagta ttcatacagg a 461

<210> 2511
<211> 455
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2511

tcattctaca ncctgaaaag aggatgagat agttgcacga aagagaaagc ttcctaacta 60
aaattttcat gcaagtggac cttcttctag taattctgac ttaccgcagc cttttatccc 120
tcttcaattc ccacctagag caattccaaa caaaaaaat ggaagaagca gaaaaggaga 180
tcttgagac cttcagaaaa gtagaggtga acatacctct gctagatgcc atcaagcaga 240
ttccaagata tgccaagttt ctaaaggagc tgtgcaccca caaaaggaag ctcanaggca 300
atgaaaggat tagcatgggc agaaatgtgt cagcattgat aggtaaattt gttcctcaca 360
ttcctgagaa atgtaaggac ccaggtactt tntgtatacc ttgcattatt gngaacaata 420
aatttgagaa tgacatgcta gatctaggag catca 455

<210> 2512
<211> 455
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2512

agctntanac caagctcgga tggatctcat gctatgattt atcgatttgt tgattcaaag 60
tcagtctcat accattggtg gttcgaactc aaatcggtgt actccagggt cgtctaacgg 120
cattccggtt actttgatta tgacagtttc tgcaattcga gacatttctt tgggttttcc 180
gcattntgat ggcaatacac cggctcttga gtggatcttc aaagcagaga agttcttcaa 240
ttatcataac actccagatc tggatcgagt tgatattgct tctattcatt ntgagaagga 300
tgtgattcct tagtttcaga tgttgcaacg gatgcaagtt gtgagcattt gggctgagtt 360
aacacgtgct ntggaaacac naattggtcc ttcactgttc gattgccgat ggcnaattat 420

tcnacttcaa cattttgata gttgctatat atttg 455

<210> 2513
 <211> 439
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2513

tatcccctaa tgcacctatt ccattctctcc catggctcatc atcaccataa acagctataa 60
 cctctctcca gccaaagtag ttaacaaagt ctgctattgc agtcatttca taaatgtcac 120
 taaaagcagt tctaataaag aatgggaatt gaagtgaaga aagagtaggg tcagtggctg 180
 taaatgatag tagaggaact tggagctcgt tgcctatatg agatatgaca tgagctgttg 240
 tagacgtctg gngaccgatt atagccacag tttgtgttgc catgagctgc aaggctatta 300
 cacacaattt atgtaaacca agagtaataa tctgccaac tntgaagtaa cttgtctaata 360
 aganaaaaag atgcttttaa agttttaaca cataaaaaag atgggaatat tgtgaaggac 420
 gtaccctctg caatgctca 439

<210> 2514
 <211> 382
 <212> DNA
 <213> Glycine max

<400> 2514

gcttcgctaa gtgagacacc agctgctagc cttcacaagt ttcacttttt ttacctaataa 60
 attgaagttg aaacacatta tattcacaat gttgggcatt tctactgaac aaaattaaac 120
 taaacctatg taaaaaccta caaaaagaac cataaattgt ggaaaagaca aacattttat 180
 aaaacttttc tataaaaaag ttagttgttaa atgagactaa cattgggttcc gccctgctg 240
 ccgaggatta tgatgagagg agaccgcatg catgctgatg gacctctaac aaggcacttg 300
 ctgttttcac atatccgcaa gtgtctagac agactaacc ttgatgtggt gtgccgaatt 360
 ctgtatggtg accaccattc at 382

<210> 2515
 <211> 415
 <212> DNA

<213> Glycine max

<400> 2515

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gatgggtgcct cccctctcct cttctcattt tccttccgtt gcctctccat ggtggaaaat 120
caccattgaa ggacctcatt gaagctcaaa gatccagcct ccatagaagc tccacaagca 180
agcttccatc acaaatattg aatgactact aatgagtggg aatgactatt aatgggtggg 240
aatgactact aattgggtgg aatgactact aaatgcattc ttgatggtag aatgtctata 300
tatagcatat gtgtttgggt cttgagctca catctttcat tttcgtctga tattgacatg 360
tgttttgttt tgggtggtgt aacctcacat gtttgatact tgagtcttac atttg 415

<210> 2516

<211> 292

<212> DNA

<213> Glycine max

<400> 2516

agcttcttat ccaaggcaca ttcttggtgg caaagctcct tcttccgtgg cttattccct 60
agtggatagc acctcctctc acctcttctc ctttgtcttc cgctgcatct ccatggtgga 120
aaatcaccat tgaaggacct cattgaagct caaagggtcca gcctccataa aagctccaca 180
agcaagcttc catcacattt actcttcctc caacttccaa aggtactttt gtccaccata 240
atgacttttt ttctgtcttc ttttctggag gtgggacctat gtcattgtct ac 292

<210> 2517

<211> 460

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2517

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aacttctctc ctttttctt ccttcaattt cgtgctcccc cctctctctt tctctccctc 120
tttcttttcc tccattgaag catcctctcc aagcttctta tccaaggctc atcttggtgg 180
tgaagcttct tcttgcatgg cttattccca ggggatggcg ccgctcttta cctcttctcc 240
tttgtcttcc actgcatctc catggtggaa aatcaccatt aaaggacctc attgaagctc 300

acagatccag cctccataga agctccacaa gcaagctttc atcacatgtg caattgatag 360
 aaatataatt tacaatggcc taactaatga gattaccctc acccatcctt gngcactaaa 420
 ttgtgttgca tcctcaaaca ccttcatagg tcaaggatag 460

<210> 2518
 <211> 291
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2518

agcttccatg tgcaggttac gccatattct cttatcttca ggtaacctaa tgcctgttgg 60
 tttgagtagg tcaactgggtg tttcattntt gaatcagctt cctagtgatc caagtatgac 120
 aacagacaac atatctggca agtatgatgt gaagaagaaa gaaaatatac caattagaat 180
 tgcaggtgat attgatgggtg gaatgcttga tggccacctt aatgcccctg gtgggtgttg 240
 gcgcacatta ggagcttcaa aagttgtaaa accttcaa at tcacctaaca t 291

<210> 2519
 <211> 477
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2519

ngtagaatgt gaaatanata tagggagtct ctagggcttg aggaggagac gacagatttg 60
 ggatatgaca aatattacaa ggacctgtaa ctcanacaat gggagaaaag atttacttg 120
 tttcctatgt gttgcaccac ttcccataa cccatctgaa acaatatggg gtggcgtagc 180
 atgcaggcat accatgtacc tgtgcgtcgc ctcattccact gtcgtaattg aaaggaacat 240
 agttccattt ggattcaa at tcattttgat caatctatat gagaggagta gtactcaata 300
 atggcactta attaatgag ccaatgagag agtgtaattg aatatatatt tgcacgaca 360
 cgtacgggct tgctagctcg ctgctttttg cttcggtgca actgatactt aattttgtaa 420
 agtttggtcg ctgtgtanga aatagtagca attgcaatct cataattaag taattag 477

<210> 2520
 <211> 354

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2520

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agcttatcaa tggcggttctt gaatntacat atggaacaac ctgaaccaag cattcatggc 60
ttggattgca tcacatttat cactaccgct gccgataatt atcaactaac atggggcaatg 120
tgacaccctt tacccecaaaa gatttatcta aataatagtt gtggaaaatg atataaaatg 180
cacatgtgaa aataacaaat tttcaaaata tactccacaa tttttcataa aaaaaaataa 240
ttaaatagtt ttttctatta taaaaacaat taatagaacc tgatttgagt tttgggacaa 300
tgtanaanag ggagttcagc tggaattgat agtcattata ttcaatgcaa aaaa 354
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<210> 2521
<211> 493
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2521

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tccatgaatn tcttggtagc agacctagca attgtaccca agttgctcac catatctgaa 60
aaaaaaaaa taacaaaaat gaattagaga ctaaccagggt aaacaaaaaa attgggtccac 120
aaatatctca ataaaagaac atctcaacct accagctttg gtcattgcaa taccattgtc 180
aacaatgggt agcatattgt tagtcttgtc aggaataata tgaatgaaca actatggcta 240
agtatcgagc ttgctcttgc ccgtcaaact ctcaaactca gtcttggtcca aagcctanaa 300
ttttacatac aaccacataa ttaattaatc tttcaaaaca aatcaactca agaagaagac 360
caatattaac acaaccacac atcacactaa aaaaattcag tggcagggtg caacatttca 420
atcataattc atctccaac gtaaccaatt cactcctaca aaataaatta gatgtcacta 480
attcactatt cac 493
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<210> 2522
<211> 378
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2522

acaggtgaat gaccatttta tatgggataa tgatccaagt atgtgtgacc ttgaatgtga 60
 nttagaagaa gaataacaag aagaagaaga agaagaagaa tccgacaaaa gaaactagag 120
 atacagacct ccatctgttc tagctcaaag gataaatcta gatgaatgag catggggtoga 180
 aataagaaaa gatcaacatt agccgctcta gatctataaa aaagctctag agatcctcag 240
 agaagagggga gctttttcct cgacttaate accaactgat gtatctctgg tttcttgtgc 300
 tcccactgat accactacac aatgcagaca tcttgatacc ctttcacttt ctcaacctat 360
 accttgcattg atggtctc 378

<210> 2523
 <211> 488
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2523

tccattgtca atctgtccgc aacagcatta cactctcaac gaatgtgacg aagagaaaaat 60
 ccagcaaggc aattgagcca ttctaataat gttctgaacc gtggattaac aaggatagtg 120
 gactgctcaa aactttgtga ccaactccat tgtgggcctc tttcgaataa gcttaagctt 180
 agaactaaaa agtacttata ttagtatcat gctgggaaga ggaagagatc gaagaattgg 240
 tgtggtacaa acgataatta ttagtatctt tattttaagc ttaaataatt ttttgggtacc 300
 tacaaaataa gattatgggt ttggtattta gccttttttt aactttaata tctgaatttt 360
 tttattttta aaaaactacc tattgtgata atganttgac taccaaatca ataattnta 420
 aatggtttgg acttaatgta acactcctcc ataagtcacc ttattagtta aagaagattt 480
 ctaacaac 488

<210> 2524
 <211> 329
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2524

tgaagatttg gaagaagaag gaaatattaa taatgaagat gcggnntttta taaccaatga 60
 accggtaaga agccttgtca tattcgcttg gttggtgcaa accaaccggc gggcatcatg 120

cacagaataa tcaaatttcc aatcgtaaat cagtgcacct tcaagtggta caccttcgct 180
 tggcaatttg gtaaatcata gaatanggac tggtaaatga ccattcttaat tccataaacc 240
 tcagacatta ggggtgccttc tttgatttct aaagttgaat agaaggcttt tacaagatca 300
 taataaatag gtaatttaga gacatgaat 329

<210> 2525
 <211> 426
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2525

ttcataggtg anacacgtg cagccatttc ccttatagtc ctctcacgag gtggagggtg 60
 tgccatgttc tcagaatgtg caaaatcaca atgctcagaa tcagaatgct caaaattata 120
 atgctcaaga tcaagatgtt caaaatcacc aataacagaa tgcacagatt caccagttat 180
 ggaatgctca gaatgatcaa aaggtataaa atgatgccta actaatctat gaaatgtcct 240
 atctatctca ggatcaaagg gttgtaagtc agatggattg cctctagtca tacactacat 300
 tcagcatgca cacaactagt tgccttgtca tgtaaataat agtgtagggt tgaactacag 360
 ctaccctcaa atgatatcca catgacttga aattctgtga gcaaccttat caaatgatga 420
 gaagat 426

<210> 2526
 <211> 394
 <212> DNA
 <213> Glycine max
 <400> 2526

cggacactat aatactcaag cttgtcaagg aagaaggacc tcctatgctt ttggagggct 60
 tcccacagtg ctatattatg agagagctct gcgagggcaa caccacagac aaacatgatt 120
 ggaatgcaag aatatatgac atagcaaata tataatctat tgcctacttt cggttcggct 180
 aatgcattag atatctcatg attaaactag aacatatttt ctctctctct tgtcagaagc 240
 ggctcgcgaga gacagcatga aattatgaga actcataact tgtgagcaga tgacctttac 300
 gtacagtgtt gagcatatat tatgattttg atatcttgta tataattatt atagaatggg 360
 tgagcacact cttgtgaatc tcgcacatat aatc 394

<210> 2527
 <211> 352
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2527

agcttctcaa ggaagctaca tgaagctgtc tcggtaaaaa cgctgccag ccatcgtaa 60
 ccgttggatc ttctcaaaat ttgggctgga gctttacaga acacttgac gacgttttcg 120
 tttccgagag cattagtcac ttgtgcattn tgagccttgt agtccaagta gctttggaaa 180
 aatgccatctt cttcttcttc cttcatccaa aaccatttcc aacgtgccaa gctatttctc 240
 catcaccac agccaccagt agccaccaca naccgccatt gttctccatt gaaacccac 300
 accgagagga aaccttcacc aaagcgaatc ttaacttgc ctcattgttg gt 352

<210> 2528
 <211> 345
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2528

ngtgcttggt ntatttanat tcctaggatc atgaacaact aggtgtgtcc tactatgact 60
 tgagaaacac aggtgatcaa ataacaagca aagatttaaa aggtactagg ttgcctccta 120
 gtagcgcttc tttaacgtct tgagtcggac gcgtgatgac ttgtcggta tggacctagt 180
 acctttgctt tcctttggct ttggacttgg tcgcctgctg gtcgaccacg ggtcgtaggc 240
 aacgtctccag cttttgtata tgagccgagg ggctctggag gtggcggcag tgcgtctatt 300
 gcccgctact ggccatcccc aggctaattg tgatgcaatc ctacc 345

<210> 2529
 <211> 203
 <212> DNA
 <213> Glycine max

<400> 2529

agctacttag agtggatatt tcgagactca cattattgat tacagataga gaataatatg 60
 cactacatag atcaagtgc agtaactcgg acaactgtgc aaactgatgt gggatttcac 120

cagaaaaact agctacagaa aggcttagat atcttaactg tgaaagctca ccaatgctcg 180
atgggatttg agattgattg aag 203

<210> 2530
<211> 442
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2530

ctgtaaaact taatgctcga tctgggtgtca taatgtggag gacctagatg ttgccagata 60
acaacaatag gagaggagaa tatgcaggag ctgctatttg nggaagcagc ccttccattg 120
atgttaaaag aaaccatgtc tatattggaa cagggaaacct ctattctgcc ccattacaca 180
tacgtcagtg tcgagagaga caaaataatc gaactgaacc tactcaacca gatgagtgtg 240
ttgagccaga caaccactcc aattcgatat tagcccttga tttggattcg gggaagatca 300
gatggtaccg ccagtgtgga ggcttcgata tanttttctt agcatgtata aatgcttcag 360
ctcctaattg tccaccccg aagtcttggc aagatgctga ttatggggag gcaccaatga 420
tgtngaccat atatataaat cg 442

<210> 2531
<211> 393
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2531

agctagtcat cgggagacat canaggctag tattntaata aatctgggta tgataaatc 60
accaaattga tagagaagaa tctaaaatca tacatcttag ttaaataagg catgctaccc 120
cccaacatta ttgcattttg attccatctt tggacattca aattggtgtt tatttttctt 180
gttatctttt cctttgcctt agtctaaatt tcgaacttac aattcggtat ctctttcttc 240
ttttgtttct cctcatttct taataattgg atttgcattca ctttaagtaca accagagtcc 300
ctttggattc aacagttgaa cttcaatttc aatctttact acttgtgatt aaattaggac 360
acttgtcaat ctattaacaa agtttttgga ctg 393

<210> 2532
 <211> 482
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2532

tagactatat tgtagaatct tgagccttag ttctcaatga ttaagtcggt cttatcatag 60
 agggagtctt tatgctttct ttcaatatcg agaatccatt ntgtaagtac aatgtttttc 120
 ctaatgatat gatcgaggct tcacaccagt aatgtggact tatcatttac taaaagaatt 180
 aggattccag acaaggagaa attaccacca tatacatctt gtgtaacacc caatttttgc 240
 gtaatataaa ttaaaaaaga ttctatttaa aaataaatag agtttttagga aaataatgag 300
 attttcgtaa ttaataaat aagagaaaat aattttatta attaaaataa tgattttaag 360
 ggtaataaca taattatatg ttcttataaa ataaaatgaa tatttaattt attcattcga 420
 ttgggagtaa aatatagggt atctttatga aataatataa tanagaacaa tagagtatat 480
 aa 482

<210> 2533
 <211> 453
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2533

agctcgtcgg agtgatgact tcccctcttt gatgatagta tcgggttgtc aatccttctt 60
 ctttatgtac tgctatctct ttgatgtctt gggtttgatt ctcccatga aatcttttca 120
 atgttctctg cttgagaact taaatgtagt ccccttttag cttcatcca atagttggac 180
 tatggtcagg gccttcgagg tcttgtgcct tttcttcaac ataagacca gtgtgtcggt 240
 atttttgtat ttttttttca tatgaaatng acatgcaaga ttgggtgggt ctccctgaac 300
 aacgtgtcca agaagtgtct cgagtttgac ttgaacgtgt ttcatcactt caaggactgt 360
 ttttaciaag tcctcgcaac tgacgtcatg gctgatgaat tgccactgat cttcaatcga 420
 gatgaggaaa cccacttct gttctactac aat 453

<210> 2534
 <211> 497

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2534

cgtagtgaga ttngactact aacaattcat tggttnttct aggattcana agtttagatt 60
ctaagagagc acaagtccta gactaatccc aatgatcttt tcttgttttg tacaaatagc 120
cttcccacta ttcccttttc ttaagttggt ttcgaccttt ttgtaacagc acaacttatt 180
ttctttttct tttttttaaa catacaactt atttgatggt tgtgctgatg cttaaccttt 240
ttgttttcat tctaattgac ttttcacccc caaatttaga gtaaatttgc cttgaaccat 300
atgctctcct agaatctaaa caaggtatta ggagataatc atttanagtt cagggttcaa 360
ttcatgacaa atcaataagc tntatacaag ggagcaacag atacaaatat cattcaaggt 420
aagctatttg gtcaaaagag cttgtgtcta tacaattcat ggccttcac atgttctgag 480
ttatacaaat cattcta 497

<210> 2535
<211> 425
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2535

ncaagcttct accttttctt tcctttctac cacatagatg gagttattcc acatacataa 60
aaggccacca gcagcttgca cagatggaac aaaatcccaa tgaccagtgg agtctcccca 120
aatggcctgg caaatacttt tattaaagtt ctccctcttg gtttcttgga ggcagacaag 180
atccactntg tgctttacaa tgagccttct aacagcagcc cacttgactc ccctccncaa 240
acctctagaa ttataggaga gaattatcat aattgctgag atntaattcc cttctctgct 300
gccatcaa at catctttatt ctccatatcc agtagcagcc ctttaacctt gctatcttct 360
tcctcataag acaagcccat ttccttcaag atgtcacatt gcagctgtat agggctctcg 420
tataa 425

<210> 2536
<211> 497
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 2536

tcaatntgta gcctcanatc agccactacc attgtttctc ttgagacaga agacgaatta 60
 gaaagttggt tttcttcttc aaccattga aaaaattgac agttatttgg gtctgtttgg 120
 ggtaatgcac aagtatagaa taaccttctt gggttctctc ttgttcttgt agttcgaata 180
 gctgcatgtc ttccatggtg gcattgctga atgaaactac cagaaaatgc acaacaactg 240
 ccacttgcag acatggagaa atcaagtga caagcagcag cgactaagcc tcaatagaag 300
 aagaagaagc gactcagcgt gggaaaccag cagcttcgta aatcctaatt tatttgggga 360
 agaagaagaa tcaaccttgc gtgagagaga atttatagat gcataacctca gtgccacatt 420
 ggacagtcta cgtggcactg aattgccacc tatacacctc actaacgccg tcacctgaga 480
 attaacgaca tggacta 497

<210> 2537
 <211> 430
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2537

aaccacccga tatgtttag ctaagcance tatatatata agtctttgat ggtttanaat 60
 ggataggaaa ctgccacaaa taaaaatgtc gcatgtggac taatggaatg agtaatcggg 120
 gaagaagaca aaatacatat gtaaaagttt atgcactggg ttcgagtgcg ttgggtaaac 180
 tgtaacaag tacttttgtg tggtgaatat actttatgag aggataattc atgttctaac 240
 attgtatgat atcattgata agattgtttg cccattgaga tattgttcga aaatcttata 300
 tttcaaaaca cataacatta agtatctttg gaaatgcggg ggcgaacata agttattttc 360
 aattatttta taactttatt caatctactc atctgttggt tatcataaca gtatacaagt 420
 gattattgcg 430

<210> 2538
 <211> 258
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 2538

agcttcaaga gtatgattgt cgtggngact atagccatca taatttttca ttctttcaga 60

gagcttgtcc ttctgtgtga cgtgtcacga aggggtagaa taagaaacac aaaatagtac 120

ttcctttctc tcaacattgc tcatgtagnc tctactactt gtacccaaaat gagtntgaaa 180

gaatatgttg atttgcttaa ccagccttat aacaatacac ttganttcaa atgatgagat 240

agtttgacaa ggagagag 258

<210> 2539

<211> 436

<212> DNA

<213> Glycine max

<400> 2539

gtaacctcta agatcatatc atccacaaag aagaggtggg aaacttaggc atctcctccc 60

ttcccaaatag agaaaggttt ccatcaacta ttgtgaatag aatccaaaat cagatgagca 120

agtctctgca tgtagagcac aaaaaggaga ggaaataagg ggtctccatg acaaaggccg 180

ctggacaatt tgaaggaatc gataagagat ctattccagc tgatggagat gtttgtccaa 240

ttgatgcaac gagagattag ggagaacatc cgagaaggaa gaccaagggtt ttggagggtta 300

tcgatggtga aatcccatc aatatgatca aaagcctttt gaaggctcag cttcaagatc 360

atgtagcaag gcttactagt attatgctct agagaatgaa caagctattg gatgataaca 420

taattgtcca taacac 436

<210> 2540

<211> 294

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2540

agctttgtcc tcgagagatc ttattcgtgc ataaccttct tctcaatctg cttctgttca 60

tcgctgtcga agttgaagat cattccctcc aaggtttgaa cacatgcaat gactccctca 120

aatccctta gttttatgtt tctcttccac ttgtgtgaac cctcatggaa ttttttcttc 180

tgttcacagt ttgacccta caagtcacgc tacccttact ttgtcactcg agctttaact 240

gggccatgtg tctcttcaag gtttgtgaag caacgccaga gcagntcatc tacc 294

<210> 2541
 <211> 399
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2541

ctgagaggggt ctgatatcca aagggacacc cgtgctgntt ccagattcat tgataagaga 60
 agcacaaata taaaaacat ggctaagaca accttcttca attaagccat caaaaaatat 120
 ttggtcactt gtatgtcaat tgcttctact tgtgcagctc cgatccagat ttcacgtcac 180
 tagctggata tctgaacctc cacactgtat atgcagcagc attgacatcg cacaaaacgt 240
 tggctnttct cttaatttat ttttctctga tttgaaaaac atccttgtat tcgacaacct 300
 ccacaccgta aatgcagcag cattgaccca taggggttaa tcaaccagat gtaactccag 360
 atcatatagg aacatatttc aattttgcga gaaagaaag 399

<210> 2542
 <211> 414
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2542

tgtgagactc actaagggca gaccttatgt tatgcgagcc tttggagaat cgactaggaa 60
 attttctgtc ttgggttgta gagagactca ccaacggcgg accttgagtt tgatgagcct 120
 atgagactca gcaagggtgg acctttgggt ntatgagcct ttggagattc gaccagtgc 180
 gtgtccgacc tggattntgg tgagattcac caagggcaga tgttagtcgt cttatacgac 240
 taacttttgt ataaaaaact tttacaaaat gtatataaat cccaattta tagttctttt 300
 gtaggattgt aaataaattn tgctctgttt tgatctatgt tcattaaaag cctctttata 360
 tggaattaat gttaaattct cttcaatttc aggcaaaaat gagcacaatt gaag 414

<210> 2543
 <211> 328
 <212> DNA
 <213> Glycine max

<400> 2543

tgagaacctg cgacgtacct aaacaggcga gctcctggca gtctaccaat aatagaacac 60
 agtccacgaa tcacggaggc ttgtgtggcg gctggccaac tatttgtctt ggtgctatct 120
 gaaaataccc tctggaatcg ataccatcgt gagaatcgat acagggttta aaatgggaca 180
 ggatgttagt agcttttagta atcgatacca ttgtgtgaat cgaaaccaat tgtgtgaatc 240
 gattacacag atgatagggc actagtaatt gattaccagt tgtgtgtaat cgattacata 300
 tcgctactct gctatgggaa tcaattac 328

<210> 2544
 <211> 486
 <212> DNA
 <213> Glycine max

<400> 2544

tcttagtctc agctgatgaa gatgaattct tggctacttc atgcactcct ctaatgacaa 60
 tagcatcact tctggcacta aattgttggg agtttgaacc catcttctca attaaatttc 120
 tggcttcagc aagggtcatg tctccaaggg ctccaccact ggtagcatct atcatacttc 180
 tctccatggt actgagtcct tcataaaaaat attcgaggag aagctgctca taaatctggt 240
 ggtaagggca actggcacat agtttggttaa atatctccca gtattcatat aagctctctc 300
 cactgagttg tctaatagcct gaaatatctt ttctgatggg cgtggtcctg gaagcacgga 360
 aatatttttc taagaatact ctcttgaggt catcccaaca cgtgatggac cttggagcaa 420
 ggtaatatag ccagtcctct gccactccct ctaaagaatg acgaaaggcc ttcagaaata 480
 tgtgat 486

<210> 2545
 <211> 156
 <212> DNA
 <213> Glycine max

<400> 2545

ggagtacgac agtcaccgct ttaagagcgt tgtacaccag cagcgcttct aagccatcaa 60
 gggatggctg tttctccggg agcgacgcgc tcagctcagg gacgacgagt atactgattt 120
 tcaggaggaa atagggcgcc agcgggtgggc accact 156

<210> 2546
 <211> 457
 <212> DNA
 <213> Glycine max

<400> 2546

ctacagcaca tgccactatt cttcaagttc ttaaaggata tgtaacaag gaaacacaag 60
 tatattcatc acgaaaacat tgctgtggaa tgaaattgta tcgttgtgat tcaaaagatc 120
 cttccaccta agcataaaga ccttgggagt gtaaccattc cttgttcaat tggagaagtc 180
 actatgggaa aggctcttat tgatttggga gccagtatta atttaatgcc actctccatg 240
 tgcataaggt tgggagagtt ggagatcatg ccactaaga tgactttaca acttgctgac 300
 cgctccatta ccagaccata tggagtaatt gaagatgtgc tggtcagagt aaaacaattt 360
 atcttcttga tagactctgt ggtaatggat atctgtgaag atattgacat tcctgtaata 420
 ttggaaggcc attcatcgta aactgtgagt tgatagt 457

<210> 2547
 <211> 201
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2547

agcttctccg aatgcatggt tatttccagt ttctgaaga tatctganaa tctttccaga 60
 tgacgatctt cttcttntt ggaaggtagc acaggatatg gtacttccac accttcatcc 120
 ataatttttt cacttctact cttctttgca ttctattat tttttcttc ttttcattat 180
 ctatttctgt ttctttttct t 201

<210> 2548
 <211> 430
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2548

nttcacttca agtgctgggt gcaccaacaa anatgctggg tgcacctagc aacagtcgca 60
 attaaaacca ttttgcttgt tatgaagcca agtccaagat cgaaactaaa catcatcaat 120
 caaagatttt ttatccaatg aaacatatta aaaatattgt tgttcctcgt attccaaatg 180

ccaaaaatcg ttgaacacca tatcacctgc catatctcac tctctacgcg tccatcaatt 240
 gcgagaagaa gcgttctaag tttccatgga acgttgttgg aagattagaa gaaaaccaag 300
 agctacattc taacgaaatc tactaggcta ccttgcata natgaaaata tgataaatng 360
 actcaatttg agagtgatag aagcaacaat gtgaactgtc caccaatata tttcgtcttt 420
 tgcaaatcac 430

<210> 2549
 <211> 351
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2549

agctagcttg tggngcttct atggaggctg gatctttgag cttcaatggn gtcctttaat 60
 ggtgattttc caccatggag atgcagcgga agacaaagga aaataagtga gaggaggcgc 120
 catccattaa ggaataagcc atggatgaag gagcttcac accaagatga gccttggata 180
 aaaagcttgg agaggatgct tcaatggagg aaaagaaaga gggagagaaa gagagaggng 240
 ggagcacgaa attgaaggaa taaaagaggt agagaagtgg aacttgaagt atgtctcaca 300
 agactctcat tcatcanagt tacaacaagt gttacacatg cttctattta t 351

<210> 2550
 <211> 485
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2550

cgcaagtctc caccatcat catgttcgaa ctgaacagaa agtaccaca aacatgcact 60
 aaattgccta taaactcaaa acgtgtttta ttgaatttat tttaaactct gtcatatgtg 120
 tttcattaca attatgaggc atctcactgc taaatttggt tcagcttggc cttctgtcc 180
 ttgctgcaa tggcctgcat aatgatagtt tagtgcagtg tcgattctct tctagggcca 240
 atctctagta ggactttaag gtttttattt tttatttatg acataaagggt tgattggatt 300
 aagatatttg aaaactggaa cttcaaaaga gtcaaattac tcttcatgcc ttattctgga 360
 ataggacagt ttccttgaat ttttatataa cctacaaaat aaatgtagat ggagttggct 420

tcattcagtc atatggnttg gactntaatc ttagntaatg tccttagcat cattttctta 480
aataa 485

<210> 2551
<211> 326
<212> DNA
<213> Glycine max

<400> 2551

ttgggggggc actaaatgt tataaagaaa catttttaat tctctctaaa acattaagga 60
tgaacatata ttactatag aaactcctca tggattaac agggaaccga taagcagggga 120
agatgacgaa aaagatggaa atctttacgg gtagggatg aattatgatt aacgttaact 180
tgatatcaat ataaaaaatt tgttttcata tgttatacca cataaattgg aggctgttgc 240
tgcttgatt tctattaacg agaaaaaccg agaggagaaa atcctcggta gtgtgttaaa 300
aaaataacat aaaacgcttt tgaatg 326

<210> 2552
<211> 923
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2552

ggtaaataag ggaatagaaa aatatcncac gaaccaaacc attattgaat acaatttaat 60
aatatgacaa cncacaggaa ggatgagtcg ttgannnccn ncnnttnnan aaaacccgag 120
gggaggnaaa tgaaaanata gagaacggag aggttttaaat ttacaacgag gtaagataaa 180
aggggggagat tgtactaaaa aaggaggaaa taaaagaaaa gaatggtaa aaaaaacgca 240
aagatgaaga atgaaagaga agaaaaatag atataaagag gactgtagag gccatgaaag 300
aataagtgcg gagcaaaaaa gttaggnan aaaaannnaa anaaaggtaa aaaaagaaga 360
aaaggagaaa aaaaaataag aaggagaaga agaggaggaa gaaanggaga aaagagggaa 420
agagaaagaa aaaaaagaat aaggaaaaag aaaggaaaaa tagggaagaa gaagaagaga 480
gaaaagaaag aggaaaaaga aagatgaaag aagaaacgta agagagaaga gatgagagag 540
aggaaggtga gatgaggaaa gaagaaaaga aaataagaat aaagagaaag aaaaggaaaa 600

ggaatgataa aaacgggaag atagagatag aagaaaagat agatatagag aaagaaaaaa 660
agagaaagag aatagtaaaa aggtagggcg gaaggaaata agtgaagaaa aggagaaaga 720
tgaagaagta aaagagatgg atgaagaaga aaaaagtcaa aatattaggc aaaaaagaag 780
aggcagagtg gaagatatag agaataaaga gaagaaatta gtatgagagg taaatatcaa 840
tgataaaaaa tgtaggggaa attagctaga caagtggatg agataagata aaagcataaa 900
aagaaaaaga agaaaaatag agg 923

<210> 2553
<211> 1089
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2553

actgatcgag tcagactgac aacgcnacaa catcactgaa ctccaaccat ccactagtan 60
gcttctctct caatataaac tcaatcgaan cctccccccc caccnncg gggtttgatg 120
acatcggtgt caccgcgagn gccatactat agaactgcct gcatgcaagc ttgcttctaa 180
caaagaacac gattggaata tttaagagga acccgacact atcatgaagg aaaagcagag 240
ggacgagaaa aagagtgtt catatgataa ctatgttaca tagcccttgg catctttttc 300
gaaaaggaac tgcaccacac tcgatacaaa ttttggccct ttgacaatgt aatgcaataa 360
catttctata ccgtcgcaac aatctagacc taaacaaaaa atacctaagt taacctaaat 420
tgttatccac cacctatatt ataacctcca ataaaagaaa gattcaccct attgacaaaa 480
acttaaaaac acattttcta aaaaaccttg atgagacgaa tgtatcccct tatattaataa 540
aaaacccgcc taaattggaa cgccgtagaa aaataaaacc ctaatctcca cgcgccactac 600
tcttttctcc tcaactcaat gcttaaaaaa cgagaaaacc ggcggtgtcca ataggaaacg 660
ctataacaaa tcgaatgggt gacaagcctc aaaccgaatt cttcatccaa cactaaaacc 720
cttgcaacga aaagaagtgc ccgaaaaggg ggctcttaat tctttcatcc caccacaccc 780
tatactcaca atactaatct tcttatataa caaagctacc cacagagaaa tatccccacc 840
cccacaacta cactaatgnt atcccggtgc tctataaacc cccttgggnt agaagacacc 900
tacaaaccaa cnetcttaca aacctaagag tgggcgcact cttacacaca acaaacctt 960
cgcacataat acctagtaac tcttacaaaa caataatatt cgcgggcgcg cgacgccagc 1020

gcttcccctt ggtttattaa taaaccaaaa catatagacg cgcgcggcca caacatacac 1080
acacctccc 1089

<210> 2554
<211> 200
<212> DNA
<213> Glycine max

<400> 2554

tcagtgcctt cacacacaag ggtctactaa tttggttgct attccgttgg agggattac 60
gggggttgct gatcttgatg agagaaagtt agttgcatat tttgacagca agattgttcc 120
tgtgccaag gctgaggga ctgagtacgt agcttcaaag caaaagcctc catttggacc 180
aacgttcatt ggagcagctt 200

<210> 2555
<211> 490
<212> DNA
<213> Glycine max

<400> 2555

agcttgaatt taggtctcat gggatgctt ttctggggta ttccacaact caataagggt 60
tacaaatgtc tttctcctat tggaaaactt ttcactctta aggatgttgt tttcaatgaa 120
gtcaaatttc cttattcaga actgcttttg ccttcctcca agtctgattt acccctatt 180
aaccocatct ctttcattcc ctccatacct attgttcctc aatcaatttc ttctctttcc 240
ctctatagca attctgttgc tactcctact tctgctgac ctacagctga ttcaaattcc 300
aattatagtc cttctgtcaa tgcggattct actcctgcta ttgcatctga gattcctagt 360
cctatctttg aagctggatc cacttctggg caagaaaatt ctgctcagtc ctcagaattg 420
gtccctctg aagtactcac aacgcaacaa tggaacatgt tectacagtt aattcccatc 480
ctatgccaac 490

<210> 2556
<211> 210
<212> DNA
<213> Glycine max

<400> 2556

ctgtacctta actagttaca aggattcctt ctcaaattccc cttattcagc taaatatgta 60
 ccttcaaaac ttgaactttc aacccgagtg cacatacttg atctaaaaga tactgtcata 120
 ccctaatttc gtccggggat tattatttga tgatatacaa cctttgattg gccgcttcaa 180
 gatactaggc accctttttt gcacaatatg 210

<210> 2557
 <211> 345
 <212> DNA
 <213> Glycine max

<400> 2557

agcttccatc agcgtgacac cctctacccc aacatatata taaataaatc gaatatatac 60
 aaatatcggg aaccaaattc acacgggtaa aagggtcaca ttcacttcac tattatcaat 120
 taaaacttat taaaacatat ttggcacaaa ataaggccga caaaaattat aaaaaaattt 180
 tgataaatta gtgaaataac atataatata agcttacttt tcaataatca accacacttt 240
 ttactcctc aatcacatta cacaagaatc acacattttc atccagacat aataacacat 300
 caatttcata ataaacaatc agcaacgcat atgccaacgt tatgc 345

<210> 2558
 <211> 87
 <212> DNA
 <213> Glycine max

<400> 2558

gctcctgtat caacctggaa tgatcagatc gccggacaac ttagtccgct tgcgcacaac 60
 tcaggacggg gaccttgccc tgcaaaa 87

<210> 2559
 <211> 494
 <212> DNA
 <213> Glycine max

<400> 2559

agctttagg attatggggg acccatcaca tgttggtacta tgtggcggtc gggcgatggg 60
 gcacaacaag ttttccacat ccacaatgcg cgcataaacc caccatcccc tgttgccac 120
 ctccaactga gctcacgtac tcccacgtag cccatatact cgtttttctc aacaccgggt 180

ccccatcaat cctcccaagc ttccacaaca tccaagcaaa acaacattca cacagcacia 240
 gctatcacag ccaagcaaaa caaaagaaag gcagaaaact ctgccaaaac accaaccaaa 300
 aatcacagct tttcccactc aaagacccca gtaacaattc cttcgatcca atttggtaac 360
 cgttggatcg actccaaaat tttactggaa gtctatagta cataagccta cattttgacc 420
 gttgggatct actaacaac atccagaact cattttacat tactctctcc acaacccgca 480
 aaaacatgga tttt 494

<210> 2560
 <211> 181
 <212> DNA
 <213> Glycine max

<400> 2560

ttggtcgtat gcaaaatctt gaaaattgga ttcttcaaaa ttttgcattg gtggtggtat 60
 gtagtatggt ggtatggttg tgattggtga aacaagctca acttcttctt tatcatcttc 120
 ctcttggaaat tgattgtgta gaactttgtc ttcatcttca ctataagggc tgagtccctt 180
 t 181

<210> 2561
 <211> 417
 <212> DNA
 <213> Glycine max

<400> 2561

ccaggcttta ataataaaat atgttgaggc aagttttaca tttggaaaca agacacactt 60
 gattaacttc ttctttggat tcatgaatat ttttgttgtt ggaactaaat gttataaaga 120
 aacattttta attctctcta gaacattaag tatgaacata tatttactaa aagaaattca 180
 tcaatgggat taagcagggg accgataagc aggggaagatg acgaaaagat ggaaatctta 240
 acggtcaggg tatgaattat gattaagttt aacttgatat caatataaat aatttgtttc 300
 catatgttat accacataaa ttgtaggctg ttgctgcttg tatttctatt aacgagaaaa 360
 accgagaggg agaatcctcg gtaaagtgtt caataagtaa acataaaacg cttttga 417

<210> 2562
 <211> 201

<212> DNA
<213> Glycine max

<400> 2562

gttggtcgta tgcaaaatct tgaaaattgg atgctttttt aatttgcatt tgtggcggta 60
tgtactaagg cggatatgat gtgattggtg aaacacgctc aacttcttcc ttatcatctt 120
cctcctggag ttgattgtgt aaaactttgt cttcatctc actatacggg ctgagtcctt 180
tgttatgtaa gccacggtct a 201

<210> 2563
<211> 455
<212> DNA
<213> Glycine max

<400> 2563

agctttgagc caattcaaac gacaataact ttttactcgg atgtctgatt gagtcccgta 60
atatatcgag accgtcgaaa ttgaatattg aagctctaag ccaagtaaaa cgacaataac 120
gttttactcg gatgtctgat tgagtcccg catataccga gacgctcgaa attgaatggt 180
gaatctccga gccaatcaa acgacaataa ctttttactt ggatgtctga ttgagtcccg 240
caatatatcc agaccctcga aattgaatgt tgaagctctg agccaattca aacgacaata 300
acctttttac tcggatgtct gattgaatcc ccgtatataa cgagacgctc gaaattgaat 360
ggtgaagctc ttgaccaatt caaacgacaa taacttttta ctcgatggtt tgattgagtc 420
cccgcataa tcgagaccct cgaaattgaa tgggtg 455

<210> 2564
<211> 200
<212> DNA
<213> Glycine max

<400> 2564

tctcaatacc aactcaatac agagagggtg aattattgag ttttttggtg cgcgcattgtg 60
caagtcctta tttgggggtg acatatacat tgcacatact caaagtcctt ctttagttat 120
caacataata agaaagaaag tgctatttat accaccacat taacatatta tcactctcta 180
agtgagaaca cagaaggaaa 200

<210> 2565
 <211> 442
 <212> DNA
 <213> Glycine max

<400> 2565

agcttctccg aagggcatgg atatttccag tttcctgaca aaatccaaaa atctcgccaa 60
 atgacggtcc ttctctttct tggaaggcac cacaagatat ggtacttcct taccttcggt 120
 tacagcttta tcaacttctac tcttctcttc attttcattt ttttcatctt tctcaatttt 180
 tgtaatctct ttttcttttt ctacttcttt tttctttttc ttgggcatta aattcttttt 240
 ttcttgacca ttatttggtt ctctttttct tgattgcttt cacctctcac atcatttttc 300
 ttgcctcag tgcctttctt tttagcagct ttcttcttat gcacaacact ctctcatcc 360
 tcggcctgca caaatctttt actccttgtc atcacagctt tgcatttctt cttgggattc 420
 ttttctgtaa ttgccaccaa at 442

<210> 2566
 <211> 201
 <212> DNA
 <213> Glycine max

<400> 2566

tcaacattca atttcgagcg tctcgatata tggcgggtact cattcagaca tccgagtaaa 60
 aagttattgt cgtttgaatt ggctcaaagg ttcaacattc aatttcgagc gtctcgttat 120
 attacgggac tcaatcagac attcgagtaa aaagttattg tcgtttgaat tggcttagag 180
 cttcaacatt caatttcgag g 201

<210> 2567
 <211> 430
 <212> DNA
 <213> Glycine max

<400> 2567

agcttgtaag tctccagacg acgagagtaa aaacctgcaa aatttttgaa aataatcaga 60
 atcggacgac caacatcatc cagataccgt cgaatttggt cacctcgatt gatgaaagga 120
 gcggatgatc ataaggtatc tctgcctgcc accttaacttg ctgtccctgg atgacaaaag 180
 gtgcggaaga cgatgttatt ctctgtatgt caacgggctc gtttgcccct ggtaacgaa 240

agggtcggat aaccatacag tatccccgc atgtcacctg acttcatggg tcaggatgac 300
 aaaagggtgca gaacacgatg ttagtctctg cgcgtcaacg agctcgtttg cccctgggtg 360
 acgaaagggtg tggataacca tgcggtaccc cccgcatgta attggacttg gcatctctag 420
 atgacataag 430

<210> 2568
 <211> 125
 <212> DNA
 <213> Glycine max

<400> 2568

tctaaacttt gtacaagaat gaagctctga taccactttt tatacaagtg gcctcagata 60
 tcttaagaag gggggggggg gttgaataat attcttcata ctgtcctccc tattttttta 120
 ccctc 125

<210> 2569
 <211> 275
 <212> DNA
 <213> Glycine max

<400> 2569

acaaacaatg tggaaaacaa actaagatcg tgtgatcaga tagagggtggg gagaactatg 60
 gccgatacac cgaggatgga cagcaccag gctcatttgc gaaatctctt caagaacatg 120
 agattgttgc ccaatacact gtgcctggtt cttcggatca taatgatggg gcagaaccaa 180
 caaatcacac ccttattaaa catggtgaca agcatgacga agacagaaag cttcctcaat 240
 tttcgggatt gatgctctta atacggctgt gtata 275

<210> 2570
 <211> 195
 <212> DNA
 <213> Glycine max

<400> 2570

tgttcatctt gagataataa gtggatcatcc tcatttgaag ttgttggtgc aacatatttc 60
 tttggcctaa catgaactcc aatattttta cagcttctaa tgttatgatt ggtttggcca 120
 caccttcac atgtaaactc agccaatttc ctctttaact tatgtcctgt gacattgtcc 180

tcatctacag atctt 195

<210> 2571
<211> 378
<212> DNA
<213> Glycine max

<400> 2571

cataattctt cattccaatt gacgacatgt tacatacata aaaattggta cagaaacttt 60
gtcatactat ccttagctcc aaataaagaa aaaaaaaaaa agaagctttc tgtcatatat 120
ggttcttaat ttgcggaaac aaaacattgc tctagtgcac cttttttcca gaagtttact 180
tgcactggga aaaatataac caaaagagtc agctctaaaa catgatggta aaattatgca 240
attatagcgc ttggcgttta tgtgaaagcc atttccagaa tatttattga tcagacatcc 300
caataagatt ggaaaaaaaa gcttacaaaa tcaccagcgc tacctgaatt tattattcac 360
atatagatat cataacca 378

<210> 2572
<211> 197
<212> DNA
<213> Glycine max

<400> 2572

tattccaaac tttctacgcg gtttcaacaa cagttcaaaa ctttttaaatac tggatttgca 60
aaatcgtagt ctcaaggatg gaagtattcg tatgtcatct tctttcatta ttaggtctac 120
atcttctctt gagtcccttg atctcttctc aaatctgttg aaatcatcca ctatatttta 180
ctggctcttt aactcca 197

<210> 2573
<211> 412
<212> DNA
<213> Glycine max

<400> 2573

ttaaaaaact ttggctttta catgccccac tcccttgagt gggcattgaa ttgggaggtta 60
tcttgggtgg tccatcatag tacatttgaa attttgattg gttcatgcat catcctggtt 120
tgggtgaaaa aagattataa tggtagaaaa atttcttttag aagacaaaaa ttctctattt 180

ttaatcgatt accttgtaga aagccacatg acctttgggt ggttctgatg aatgatccat 240
gatgaatttg atggcaacat gattgccaat tgggcgtttt caaagggttaa aattcaagac 300
ttatgattcc tgaataccag ccccatcatt tagatgatca ctattacttt tacgaaggga 360
atttttaatt gatataccaa aagggttggc ccaataatgc atgttaaaaa gt 412

<210> 2574
<211> 200
<212> DNA
<213> Glycine max

<400> 2574

ttataagtgc gggtttaaga cgccaaggcc aagttgccgc gatatgcgag gatgactccc 60
cgaggagatt ggatttgata cggccatggt ctcccgtttt ccgacaagga aattggtgag 120
tggaggaacg cccagacggt tatgcgacaa gcataatgta accttttgta gctttaaaac 180
tctacgattg ggcctatgct 200

<210> 2575
<211> 366
<212> DNA
<213> Glycine max

<400> 2575

agcttattcg aagcccccttg aattgaatgt cgttcatgca ttctcaacca ttgaataccg 60
cgccccatga attgattggc taacgctgct catgcacact ccatcatcaa atcttattcg 120
gagccccatg aattgattgt cgttcatgcc tctccacccc tttaagacaa agccttccga 180
aatgactgcc aagctctggt cgtgaaacct ctatcattaa atcttattcg gagccccatt 240
atgtgattgc cattcctgca tactaaacat ggttttccga gccctactta tgattgtcta 300
ctggtggtcg tgcacactcc accatcttat ttcgagcccc ctgaattgat tgcggtcatg 360
catcct 366

<210> 2576
<211> 207
<212> DNA
<213> Glycine max

<400> 2576

ttttggagta gaaacatggg ataaactcat tttattcaaa aagttataac tagtcaagat 60
 ctgagcgaca atacaaactt cctagcgggt tctaatacata tgggccatta agtctatcat 120
 atgttgacaa tagctgagaa gtctgtggat cttcttgggg gcggagtagg tgtccgccat 180
 tgctttggcc ttggctagca atcgggg 207

<210> 2577
 <211> 442
 <212> DNA
 <213> Glycine max

<400> 2577

agctttaacc tcatcggtc tcacagactt tatattttgg agccaatcca gtccttgtgg 60
 tcggactctc agccacttat gatagcggcc gatgatccca ttactgcttc ccctaagctc 120
 tctggccttt cttcacgccc catcccatgc cttgcgaact ccttggagta ccctcgcggc 180
 ggggtcactg aaacctcatg cgatgaaagg cgtgatgctt tcgtctgatg gcactcctct 240
 catgggacat tcttcgcatg aaaatagaat cctgaatctt ccttccttct agcgagggaa 300
 ccatttaaca gacgcccctc catgctagcc aagagttggg gcacaaaaaa caattcttgc 360
 gccgctcttt tcacatcccc ggtcgaacgt gttatacatg gcccaaattg cgacgaccgg 420
 gctttccttt gcatgaagaa ag 442

<210> 2578
 <211> 208
 <212> DNA
 <213> Glycine max

<400> 2578

tctcggctca tgctgggaac gcctctagtt caacacccgt gctgctaag gcaccacccc 60
 agagggaagc tccccaggt ccaactccga acgcgactcg accggccggc aattccaaca 120
 cgacaaggaa cttccctccg aggccattgc cggaattcac cccgctccca atgacgtacg 180
 aagatcttct accatccctc atcgccaa 208

<210> 2579
 <211> 372
 <212> DNA
 <213> Glycine max

<400> 2579

acctggagat atgtcacggg ggtcaggaaa ccttggggac gtcaggtggg gtgctattgc 60

ccaaaaccaa gttcaccaa tcgcgaccca acccgggcat tgattacaca gtgtaagttg 120

caggtttcca tgttctgaag ctgtgtaact cgagtttggc ctctggtaat cgattaccaa 180

tgctgtgtaa tcgattacca gagaagaaaa cccttgaggc atacctttta actacatgta 240

gcggttatgg gacgcattgt gttgttacc cgaagtagat ttctcgtgaa agagactacc 300

cccttttctc ttatttcttg agatcgtgaa ggcagcgcaa ttaatccatg atcgagtgga 360

gatggagtgc ct 372

<210> 2580

<211> 206

<212> DNA

<213> Glycine max

<400> 2580

tatcccccaa ttttctataa atagggggag aagtgaagtg aatatagggt caccacctta 60

ggcacttctc tctctttcga atttgcttgg aaaaattgtt tccgtgaaga aaatccaagc 120

cgaggtgctt ccgaaacgtt tccgtaacgt ttccatgagg aatttcgcga aggtttcgac 180

cgttcttcga cgttcttcat tcgttc 206

<210> 2581

<211> 565

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2581

ttgacaaaac gaagttcatg tgaagtgaag tgaagtcact aactaactaa cactaatata 60

tagagggtta gtaactaact aactcactaa ctacctaat aaactaatta cacaacatag 120

aagcccaaac tcgcaacctt attctttaag tgcagagggt ctagcttcca agctcaattt 180

gaccctcgag atggcaaaaa tggccatttg gagttctcac acgtttctta gctttccatg 240

gactactcac acgttccatt tggagttctg tagtgtcgtc taggccctgc acaaggcaaa 300

taggtcaagt aagccaaaat ctaaaattta gctacaattc tcaattaagc tcaatcattt 360

gccttagacc aaaactgatt taaggtgaga aaataatggc caaagagatt ntcattgagc 420
 taagaagact aaaaaaata ttaaactttc aaatgctcaa tcgaattccc ccacacttta 480
 tcttttgcac ttagggcaaa actaanagaa agattaataaa aaatcaaact acaaaataac 540
 cacaacctaa aagaaaggta tgaat 565

<210> 2582
 <211> 741
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2582

cctactccaa tcaagttatt ggtcgggacg gtgaaactat tgttggttgg tcataaggat 60
 aatagttctt atctgattag gtcaggggag gccggcccgg ggggttaccg tgattggtaa 120
 tggcataacc agaaagagga gtaggggaga caagcttatg cgctgtgtag cgcagcccat 180
 ctatttcggg tacagggacg annnnnnnnt nnnnnnnntn nngnnnnntn ntntntntnt 240
 ttttttnttt tgtttttntt tttttttttt tttttttatt tttttttggt ttttttngtt 300
 tttttttttt tttgttttgt tttttgtttt gattgggttg gttatattgt ttttatgtgt 360
 ttattgtata atgtttgggt ttttttttga tattgtatga atttatattg tattatattg 420
 aattattttt attgatgttt tatgatttta tgttatgtat atataatgtt atattttgta 480
 atgagttaat tattagtatt gttatgattt attgtttatt ttgatgatta tattattatt 540
 gttgttatta ttttttgttt tttgattatt ataattattt tttttttatt ttgagttaat 600
 gtttttgtaa gtgttggttg tggaattata tgttgtagtt ttattttaat tagtaattaa 660
 ttatatttgt gattttatta angatgatgg atatgaattg cttatatagc ttgattgatt 720
 gatcaatgtt gttattcggt t 741

<210> 2583
 <211> 406
 <212> DNA
 <213> Glycine max
 <400> 2583

agcttgctct aaattacatt gatgtttgta tttatgggag gaggatgtat gtcatttttg 60
 ttttaagagt agtgtccac tggtaaaact aactttccaa atgtttgcct tttcaagaaa 120

tggccccgag gaagcttgcc tcaaagaagt tcaggaagga caaggcagcc gaaggaacta 180
attccgctcc ggagtatgaa aatcacccgt ttaggagtgc tgtacaccag cagcgctttg 240
aggccatcaa gggatggtcg tttctccggg agcgacgcgt ccagctcatg gacgacgagt 300
atactgattt ccaagaggaa atacggcgcc ggcgggtgggc atcactgggt actcccatgg 360
ccaagtttga tccagaaata gtcccttgag tttatgccaa tgcttg 406

<210> 2584
<211> 229
<212> DNA
<213> Glycine max

<400> 2584

acaccataca ctactcaagc ttgaaattga acaacggaag ctctcgagaa attcaaattg 60
tcataacttt tcacacggat gtccggctca ggcttataat atatcgagac gctcgaaatt 120
aaacatcgaa aactctcgcg aaattcaaatt ggtcataaat tttcatacgg atgtccgatt 180
cgggcgcatc atatgtcgag aagcttgaaa ttgaacaacc gaaactctt 229

<210> 2585
<211> 631
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2585

agcttgcatt gcgttggagt atacatccac cttttaagta tttgacgaag agaaatattg 60
tgaaatagaa acaaacttat acaaataatc agttcccaga tttctaaaga ttggacaaaa 120
aaggattaaa aataaaaaaa ataaaacaaa aaacattggg tagatttttt taacgcgtac 180
attattttat atatcatttg ggtaaaaaaa ttatatattgt attatttggg taattttttt 240
tgtattaaat aggcactatt agaaaatatg ctgttcacat ctgttattta tgacgttcta 300
cattgggttat taaccgatgt tgaaagatta tagttaacac cggcttttta aaaccggtgg 360
taatgtaaaa ttgacacatc ggtatttaac aaccgatgta tataataaga ttacaccaaa 420
aacatatgaa tgtgatagtt acatcggtnt tatacaaaat gatgtaactt tacataaaag 480
aggttttata aaataatgta acgatacgta acatggtttg ataaaccgag gtacttcaaa 540

gtacattatt tataaaaacc gaatggatag gatttttttaa aaactttttt tttacaaaaa 600
 accaaataac ccggatttaa accaccccc c 631

<210> 2586
 <211> 1212
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2586

ggctagaatc gatttcgtaa tactacctgt atacctcatt gcagagctct atcacttctc 60
 cgtacaacca ggattacatg tcttcnatat nctcnccnn cgnnnnccga gtttgaatgc 120
 atggcaatca cagacactat annnaatact caagacttct atgcgatgaa tagctgcgag 180
 agacgtgcaa actgcattcg aacaatcagg atatattgtt ctaatagtct atctccacac 240
 acacgagagg caacgagact tccgagactg ttctcatatc ctcgtngtag actgacgact 300
 actggaaagg tgcacacgac acagttgaaa ctactcctgc gtaaggcaac caaacccggtc 360
 ccagaagctc atttgatcac gagattggac cggcacccgt cctcagcaga ccattacgga 420
 aggatactgt gctagacaga tccgaccaa cgcgccggg nnnnnnagtn annannaann 480
 gnnannanag aaaaaaggga gaaaaaaaa annaaaaaa gaaaaaana aaaaaaaaa 540
 aaaaggaaga agtagaagag gaggtagtat agaaagagaa agggaagtga gaaagatagg 600
 agaaggaata aagagaaaag aagaggataa gaaagaaaga tagtaaatat agataaaaag 660
 agatagtgga tgtgtataaa gataaggggt aggtatgtta aatgaagtgt gatagaatga 720
 ttgaaagaga agatatgagg gaagtatgaa gaggagatta aatatgagaa ttaagttgat 780
 tgatgggtgt aatgataatt gaaggaagaa ttatgggtat atataaggta atgaatagat 840
 aatgatatg agtatgagtg ataatgagaa tggagatatg tatagaagta gttgatagaa 900
 gaataatagt aataataatg gttaagngta gtatagaata ggagtaatag atnaatgtaa 960
 tagagaaatt aaggtatagt agagttaagt gtaaataatg gaaattatga gaagatgaaa 1020
 taagtagaag agttatgatg aggagtagag agaataagt tagtggtaga tatntggaga 1080
 nagatangaa ctttgtatcg anagttaatg tatataggaa ggggaaggngt aatatgagag 1140
 ttgaaaatta tgggtataaag aggtgnggat agaaagatat tggatgtgga agatgaagta 1200
 atangaatag ga 1212

<210> 2587
 <211> 1060
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2587

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 caaacctgtac catcctcgac gctcttgcac gtaaacaatcc atatcccacn ncccnncacc 120
 cccgcncccc ggtcncnnng ttagactttc gtacgtcact tnccganngc acccnnagaa 180
 agaactgaca ccggcagggc anaggcatat acacacctca tatcgtcctt cttgacgaga 240
 ggcgagtaat atattgtggt ataccaagtt ccaaaaactc tcgaggcgaa ggagggccta 300
 cactcaaatt ttggaagacc cccgacccca tccctaggac cataccaacc cttaaactgc 360
 cttaacagac aaaagaagga cgcgcaagaa acaactcact ttgtggaaga accgtgtggg 420
 gcaaaccctc tcgaaagata gccaatcgat aaagagccga aggaggaaat gatgggttgc 480
 aattacagaa cgacataaaa ggactcgcca cggaaatagc caaggcgggt ccgaactccc 540
 aaaagcatta accggacacg cttgaactaa acaaaatggc gggcccaacca ccacgaacaa 600
 taaaaaatag tggttaaata cccccaccgg aaaaaaaaaa aaattggtga ccccccttat 660
 aattgaaaga cctcgagacg aacatcacta acaaaaagaa tgtagaggct ctacagacgg 720
 actactcaaa aaataacaaa cgaaagcagc gggatgaagc caaagtgtcc tctatgagaa 780
 aaaaaaatct ctccctatga aaaaaaagaa aaacgttcag aataagcgaa tcaaggagag 840
 acagaagtaa ttacgccccg cctgcttata caaaagggcg taacacctta caaaggagat 900
 tgaaagtcca caaaaaacaa tactgggtgc cctatagggg aaaacatatt ggggagaaaa 960
 aaaacaacat cccaagaaat ttccgggggg aggacacacg caaaagaaaa gagaaggcaa 1020
 ttgcgcccg tggaggacat aaataactca caagtaaccn 1060

<210> 2588
 <211> 786
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2588

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aagcgccaat cagtggactt ggcgagtggc tatttttttt taccctccta gaggaaagat 120
cctttatccc ctcatataaa ccaactgctt attgctggca aaaaaaagcc ataatcatag 180
ttctgatgcg gtcaatggca aaatactcat tggggccaag gaccttctaa ggataaaaag 240
gctttatatc caaagacnnn gtatgtctaa tataagacga catagtatgt agtatatttt 300
agttctatgt ataatgttta cgttatctga acttattatc tctattttaa ttacattata 360
cgtgtgactt ttagatatcg aatatattgt agcatctgat tagttttact gatataatttt 420
aatcatactt atcagctgag atgtttcatt tagagatttg gtattccatg taattttaca 480
tactctcaat atgctatata attaacgctt tacgatttct ataataatat atttatattt 540
atggtatata tttttaatat ggattattga attaattttc ataataatat ttcatttttg 600
cattacttaa ttctttatcg acgatgtctc attagtagat taactcaaat agcatataaa 660
tattgatcga gaatagtaaa atctgaactt ctattttcga gtttttgagg catgatatag 720
tgttgatatc ttctaatacta tattgactgt tgattataat tcataagtga ttttttctat 780
tgcttt 786

<210> 2589
<211> 412
<212> DNA
<213> Glycine max
<400> 2589

agctttagg attatgaggt acccatcaca tgtggtacta ggtggcagtc gggcgatgg 60
gcacaacaag ttttccacat ccacaatgcg cgcataaacc caccatcccc tgttgccac 120
ctccatctga gctcacgtat tcccacgtaa cccatatact cgtttctctc aacaccgggt 180
cccatcaat cctcccaagc ttccacaaca tccaatcaaa acaacattca aacagcacia 240
gctatcacag ccaagcaaaa cagggcaaaa gcaaaaaact ctgctcaaca caccaacca 300
aatcacagct tttctcactc aaagacccca gtaacaattc cttcgatcca attcgttaac 360
cattggatca actccaaaat tttactggca gtctatagtg cataaaccta ca 412

<210> 2590
<211> 911

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2590

```
gcatctataa cacacaatct ccatcacctt cagacaataa actgcacacc ctctgatcat 60
aaccctata ccncncnnn ncgggggatg atgctgcatg caaaccanaa caaanaagct 120
ggacgncacc actcaaaagc tgggggcagg aacggatttt atttttccca cgatctacag 180
acaacacatc agccctgaat gagtcaagga cgcacccgcc cgaggggaac cccgagaggc 240
aatggcataa ccagaaagaa cagtctggga aagaaactta tgcacgtggg accacacccc 300
atcaatatcc ggggcgaggt cgtcnnnnga annaaannaa naaaaaaaaa aaaaaagag 360
aaaaaaaaann aaaaaagaaa aaaaaanaa gaanaagaga agaaaaaaag aaaagaggag 420
gggaaagaga ggaagaagag aaaaaagaga agagaagaag agagaagaag ggagagaaag 480
gagangggaa gagaaagaaa gagggagaag agaggagaag agaaggagag ggaaagggaa 540
agaagaagaa aaagaaaaga ggaagaagat gaaaaagaag gaaaaagaga gganggaaaa 600
gaaaaaaaaa aaagagaagg agaagaagag aagaaagaga aaagaaaaag aaaaggagaa 660
ggaagaaaga gagaaaaaaa aaagaggaag gaagagggag aagagaaaga agagaaagga 720
gagaaaagaa gaaaaaagaa gagganaagg aagagaaagg aagagagntg aataaaaatg 780
aagaaacgaa gagaggagtg agagngaagn nngaataaag atggagtata taagagggaa 840
atggaggagg gtattatgag tgataaatga atggaggaag gagataatga tgaacagaat 900
gaaaatagaa g 911
```

<210> 2591
<211> 133
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2591

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agctttgagc acattcaaac gacaataaat ttttactctg atgtctgaat gagcnccgga 60
atatatcgag acgcttgaaa tggaatactg aagatctgag caaattccaa cgacaataaa 120
ttttttactc cga 133
```

<210> 2592
 <211> 201
 <212> DNA
 <213> Glycine max

<400> 2592

tcggtattct atttcgagcg ttccgataaa ttatgggact caatttgaca tccgagtaag 60
 aagttattgt cgtttgaatt tgctcagagc tttggcattc catttcgagc ttctcgatgt 120
 attacgagac tcaatcggac atccgagtga aaacttattg tcgttcgaat ttgctcaaag 180
 cttctacatt caattttgag c 201

<210> 2593
 <211> 521
 <212> DNA
 <213> Glycine max

<400> 2593

agcttgccaa tgctctctgg aatgccttca actgcatcaa aactattggc tactaatcca 60
 aataacgtga attcttggga cccctcacc catttgaggc cagcacttac tttgcctcaa 120
 atgccagttt ttgcagcttg gacagatgca tagttcatag ctcaatagtc cttttaattt 180
 tttgttctct caagtgaat ttcaatcctt tttattgtct ttttttgcac gcatgaacaa 240
 cacaagagga aggggttgta gctagtcaaa tggagggtct aaatattata tcatcacatc 300
 actgtcagca agtttaattt aaactttcaa atcattacat tttagcattt tactagttaa 360
 gaattcctga attttcattt tcattttcaa tataccttg tggccagatt ttgtcaattc 420
 attcattgat agaaacggac gaaaaaggat ataaaagggtt atgattgaga gggggaaata 480
 ttaaaggcat atggggggag acaccattca atattcatca t 521

<210> 2594
 <211> 323
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2594

tcaagaaaaa gatggcctca gcaaattcct tatttcctga agggaattct atcaatagac 60
 ctccaatctt taatggagag ggttaccact actggaaaac ccgaatgcaa atttttatcg 120

aggcaataga tctaaatatc tgggaagcca tagaaatagg gccttatata cccaccacag 180
tagaaagagt ttcaatagat ggtagtnnnn ntnntntnt ttttttgtn tttttttgtt 240
atTTTTTTTT ttttggtata tatTTTTata atgttatTTT attaatatta tatTTTTtaa 300
tttattataa tatttaatta tat 323

<210> 2595
<211> 973
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2595

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cgccacacta acaattctcc tccctcaanc agcncccggc nttgtgactt ggacacaccc 120
gcgaaccccg gaaacaaaa aaagcaccgc aggaagaaca ctgggctttc caccgccaat 180
tttttttccc gggcaacaca aatttcaccc cacgggggta ataaaacata tcataccaaa 240
aactctttga aacaaataag aaaaaacctc tcaccagcaa aagaggaacg ctgggggaaaa 300
aaaaaattca aaacctgggg gcgaaaacc ccaccacggg ggcaacaaaa aaaaaaaac 360
caaaccaagc caatgagaga aaaaacaagg ttccccacct cattcttagg ctcccgccaa 420
aaatcttaca gccacccgc aaattaagaa cttgggggcy cacaccccaa aagaaaccat 480
gtgggataca acaaacggcg aaaaaaaaaa ttggaacccc ctagaaattt aagacacca 540
agaaagcctg tctttacca aagaaaatgg aagcttgctt gctccccca aaacattaaa 600
attgaacgag gggggcgcaa gctctgggag aaataggagc ccgaaaattt tttttctaag 660
aaaaaagacc caccaccgcc ggcctatggg cgctaaaaca ccaggcaga aaaacccgt 720
cgcccatctt ttataaaaat aaaacaaaa cggggcaata ccacgagggc aagtggaaaa 780
aacacaaacc tggacacaaa aaagcacttt tctgggcgcc aaaaatcttg gaacaaaatt 840
ggatatggca aggattctca caaacaacc atcgcaccca attatcacgc atactccaac 900
gaaggggggt ttcaacaaa aaagcgcaac aaaaattcca aaaaaataat agccgctccg 960
aaagagagaa acc 973

<210> 2596
<211> 198

<212> DNA
 <213> Glycine max

<400> 2596

tcaatccaga aggtcttcta atcctactgt ctatgaggtc aatcatttcc aagatgacaa 60
 tatagatctc tcaaccgttt ttcttatata tacaagaaac atgccatatt gaaactatct 120
 cacataacta actcactaat gtaactaact actggataac taacctatta taactattaa 180
 tgacagttac ctaatcac 198

<210> 2597

<211> 1466

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2597

gtgggacacg acagncgtcg gtngcgtaen tcccacacgc gagagaacat atagaggaag 60
 tagacgagcg gaagcgctan tggagacgca cgcgcgncgc atatctaacg cgcacgatcg 120
 antgngagca cggagagaaa cacacacagc acacacacca aacacagaca gccgaatnag 180
 agatttgtac tanagcanat cggcgagagn anancccnac ccncanannn nanngngnna 240
 nancgngnan agcaaaccga caccggggcga cgggacganc anaaacgaca ncagagaaga 300
 acgacacang acngcgcgnc gagaacgcgc gcgcgagcat gntntgatac acagcgagcg 360
 cangacggaa aacgacnggc gaacggggccc gacagggagc ngcgngtgac cgaaaagaca 420
 cgaacacaga cgcagcgcgc acgcgaatgg ccgcgacgga caggagacga tgcggcagcg 480
 ggagccggca atgtacgcac acggcggacc agatgatacc gcgcacggcg ccacgaaaag 540
 cgaaggcgac gcgaaaggag cgcgaagaaa cgcgaaagca acggacacag gaaaccacgg 600
 acgcggaaga gtaaaccggg gagcgcgaga cgaacgaatc gaacgaacgc acgaagccgc 660
 gcgagggcga cggaatggac cgctacagac ggatgcagcg tgcgacacga ggagagcgga 720
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 agaacggacg gaaagcagat aacacagcac gggacgcaga cgcggagcaa cagacggtga 840
 acggagagag gagcgcgggc aggacgagat cgcacccgca acaaagccac gccgggcgaa 900
 ctacgaangg acacggacga tagngacgac caacagacag gaagcgcgcg acgcggagac 960

gacacagaga cgaacgtacg cgactcagaa ccgaacgcgg acggacagga tcaggatgaa 1020
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 gacatagcaa gagagaaacg cacggacgcc aaaggcagcg gcagatgaac acatcggaac 1140
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 ggggacggga gcgaacggag cacaggagac agaaacgaga cgacaacgaa gacaaagcga 1260
 cggagacgag aggatgacgg acgagacgcg gacaggacgg gagagggcga gaccggaatc 1320
 gcaaaggaga catgcgccgc gaccgaaacg atggggcaca gacgcagacg gacggcaagc 1380
 gcgtgcgccg accgacaagc gaaggcgacg acaccacacg gacggaacct gaacacggac 1440
 gacaggggtcg gagcgacaac gcgacc 1466

<210> 2598
 <211> 761
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2598

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 caagtcaatt tccatggcca gacttgaaga tctctggaaa gagtatcata agatcttttc 120
 ttcaatacag gttataacta gtgcatttcg tagcattgaa cctgaattaa cagtttatac 180
 gtgcttaaaa aaaatagaag cgnnnnngtaa tcatcatcaa tacgcagacg tttaacgtct 240
 tttcatatgt tatgagttgt cagtcattac gtttctacat cttttctatt gcttcgtttt 300
 tagatttatt ccgtctttat tttgaggatt aattatatac cttgtgtgta ctacatgtta 360
 atgtatcagg tgactgtcat ccttaacgtg ttttgtagtt tgttataatt ttgtgtcatt 420
 gttcccatgt gttttaggat tctacaattg cgattcgatg gtcttatgac aagagtctac 480
 gttttatgat ctttttaatg tgatctcatg ttcagtatac ctaagatctt gatgctattt 540
 cgagcttctc gttcgcattc atgaccagaa ctgtagtgga tatcaggagt gatatagtgt 600
 atactatcgg aggctcgagt ttatacccta gtttgaatca ttcttgtaat tgtgtctctc 660
 attatttaat gaagtnnadc tcccacccat cgttcgtttt cgtgntacgt cgacaatttt 720
 gtctttaaac attatactca tttgtcagat cagtacgttg g 761

<210> 2599
 <211> 344
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2599

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 aggtcttctg gtattgaaag ttaaatactc tgttggatct tccctgtagg tacctgatat 120
 aaatatatct atatctatct aatgatgttt tatgtgttct ctgtgctatc tgcttttcat 180
 tccaatatgc ctttaccttg atcacgtaaa tgcattgctt gttagggtca ttcaacaatg 240
 gaaactgggc tgactctaaa gtccttgata gtgcaacgct taagttgcgt gctttcacga 300
 ggaatccggg tgtgataagt taagttagta tgtgtgtctt aatg 344

<210> 2600
 <211> 205
 <212> DNA
 <213> Glycine max

<400> 2600

ttaaacttct gcagatatct tgggttcctt ggacaactat atttcaaggg gaactgctca 60
 tttccttact tgcaaagaac ccgactatca acagagtcta tggaacatga tttcatctgt 120
 gaggtaactt tacattatta ctgagtcgc cacctgtttg gttggcctga tggttgataa 180
 tgattattat tattttttct gttat 205

<210> 2601
 <211> 443
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2601

gcctggctct gaatttttct caagttctta actagctttg aaccataaac ttgggcctca 60
 ttttaactgt tttgggcttg gcagccacgc tcaacaaagt actttcgaca cctactgtac 120
 gttgatttca ccaatgcttg tatgggaatg ttgcgacaat cttttaaacc cttattgata 180
 cattctgaga ggttcgttgt catgtggcca tattgacgct cttctctatc gtaagccatc 240
 gtccattttt cctttgagat gcgatcaatc catgttgcta tggctggact cagttcacga 300

aatttttcta aatttttga aaatgtgct tgcacggagt gtacgctgca taaaaatagt 360
 tatgaataac aattttaagt ataaatgaaa gtaaaatana cgtgaccatc anatatgaaa 420
 tcttacccaa tttcttcaaa cat 443

<210> 2602
 <211> 206
 <212> DNA
 <213> Glycine max

<400> 2602

tctccgtgtg ctacatcttc tccatcgatg cgtgttttgt ttgaagagta gtaatagtta 60
 gcacacaact cgtgcctcga cgtgtcttga ccgtgaattg ggattgtgaa actatttga 120
 atttacatac tgtgtgacgg aggccctcac ttccaatcag ctaagccgat tcattagggg 180
 tggggtggat aaagtgtaat tcgagc 206

<210> 2603
 <211> 504
 <212> DNA
 <213> Glycine max

<400> 2603

cagcttggag aattgctata gaaattctct aaatgttctc tgaagggaac ttcattggcca 60
 agtagggggg tggacactat ggcacctaaa gtatttagag acgggcgacc gagaagtatt 120
 ttgtcggaga tgtgggcatg cactatcaca tatcaaattt tcaaaccttt ctattgtata 180
 gtcatacgca tcccttggtt cccactcttt cttcggtgaa gccgaatagt gggccatcat 240
 ggggaaggag ctctaactcc aatataccca actgcttaaa agtgtttttag gataggatgt 300
 cagttgaact cccttggtca ataagtgtct ttctcactat acaattgggg atttctatgc 360
 ttatcacaac cgagtctatt gctttgaagt cagccaaagt aaagggtgtg tgggaaaatt 420
 atgtttacta accaaaccta ccatgggtgg ctttttcagt ctgaggtcat tgcccttttg 480
 ttagttgatg aatacaacta actt 504

<210> 2604
 <211> 208
 <212> DNA
 <213> Glycine max

<400> 2604

tcacaagata tgcactctat ctctcaagtg tctaggctat tgtttactct cagagcaccc 60
atgaaaacaa acaccacata gacttagcaa gactctaaaa ttgacaacca cataacaagc 120
acatgcacat gaggatcaaa aggtctttta aggttgtaat ggggccaagg acaaggtaga 180
tgaaagtatg ggatggtagc taaaaccc 208

<210> 2605

<211> 478

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2605

agctttagg attatggggg acccatcaca tgttgtacta agtggcggtc gggcgatggg 60
gcacaacaag ttttccacat ccacaaagcg cgcataaacc caccatcccc tgttgcccac 120
ctccaactga gctcacgtac tcccacgtaa cccatatacct cgtttctctt aacaccgggt 180
cccatcaat cctcccaagc ttccccaaca tcaaagtaat acaacattca aacagcacia 240
gctatcacag ccaagcaaaa cagggcaaaa gcagaaaact ctgccccaaa caccaaccaa 300
aatcatagct tttcacatac aaatacccca gaaacatttc cttcgntccc atttttaacc 360
ggtggatcaa ctcgaaattt ttactggaag tctctagtac ataagcctac attttgaccg 420
ttgggatcta ctagcaaaca tccagaactc attctgcaat actcttttca caaccagc 478

<210> 2606

<211> 207

<212> DNA

<213> Glycine max

<400> 2606

taacaaaagg catgcgaagt ggggtggaatt cctagagcaa tttccttatg ttatcaaaca 60
taaaaaggga aaaggtaata ttgtagccga tgctctttct cggcttcatg cttacttttc 120
tatgcttgaa acaaaattga ttggtcttga atggttgaaa agcatgtatg aaaatgatga 180
aactttttaga gaaattttta aaaattg 207

<210> 2607

<211> 440
 <212> DNA
 <213> Glycine max

<400> 2607

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atcatgaact atcaaaaccc aagaaaacag agcaggggca gagaactttg cccaaaacac   60
aaaccaatac cacagctttt cttacttcaa taccacagta acattctctt cgttccaatt  120
ccttcaccgg tggatcgact tgaaaatttt actggagggtc cctggtacat aattatacat  180
tttgaccggt gggatctgct agaaaacgtc cagaacccaa tatgtacaac cttttccaca  240
accagccatg cataagcatt ttctgcacaa acacaaaatt ctgctgcaca cttgaataac  300
aaaattctgc ttagaagtgc agattttcga aatcactctt gccctcatcc aaaatcgccc  360
acattggatc ctacaagtcc taaatcaagg atatatcata tctaaaccaa agacaagctt  420
caagccaagc aactcaaat                                     440
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<210> 2608
 <211> 229
 <212> DNA
 <213> Glycine max

<400> 2608

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acactataca catactaagc ttgcttgtgg agcttctatg gaggctggat ctttgagctt   60
caatgtggtc cttcaatggt gatttttcac catggagatg cagcggaagg caaaggagaa  120
aaagaaaagg gaagcaccat cactaagga ataagccaag gaagaaggag cttcaccacc  180
aagaattgcc ttggataaga agcttgaaga tgatgcttta atggaggaa                229
```

<210> 2609
 <211> 348
 <212> DNA
 <213> Glycine max

<400> 2609

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agcttgaaga acagcttgaa gaattttgtg tttacatgc gcaactaact tgaatggaat   60
ttgcattgat tgggtgatta tgtgttgcat cttagtcttt gtcattttat atatgtatca  120
tgcatgatca tgtaggagta agaagaaagt ttctgaagct agaaaatttc ttttaatggt  180
aaaacttttc tattttaatc tattaccgcc ttactataat ccattacaca agttggctta  240
```

agctggtata gaagtgcac ggataaattt aatcgattac cagcttggag aaattgatta 300
 cttatttttt ttttgagaca atgaatggct tattcatgaa tctctgct 348

<210> 2610
 <211> 200
 <212> DNA
 <213> Glycine max

<400> 2610

tgcttgtgga gcttctattg aggetggatc tttgtttctt aatgaagtcc ttcaatggtg 60
 atttttcacc atggagatgc atcggaaggg aaaggagaag aggagagggg aggcaccatc 120
 cactatggaa taagccaagg aagaatgagc ttcaccacca acaattgcct tggataagaa 180
 gcttgaagat gatgctttaa 200

<210> 2611
 <211> 132
 <212> DNA
 <213> Glycine max

<400> 2611

agctttagtt gaacagaata atccaaaaat gtttaataat tgggtgttga aaaagcataa 60
 caagactttc tgtgattggt ttaaagatac aatctttgca caagagaatg ccttcaaaac 120
 attaagaaaa ct 132

<210> 2612
 <211> 201
 <212> DNA
 <213> Glycine max

<400> 2612

tgaaggcaaa ctggatgcat tggttaactt ggtaaccag atgtgtcttg aatcaaaaat 60
 ctgtacctgt cgcaagggtt tgtggtttgt gtcctctgct tgaccaccat acagaccttt 120
 gccctttcat gcagcaacct gtagcaattg agcagcctta agcttatgct gcaaataattt 180
 acaatagacc tcctcaacct c 201

<210> 2613
 <211> 511
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2613

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agctttaact gatcgtttaa gtcgttttct cgcctaataa aaaaaataaa ataaatttcc 60
accgatcatt tgaattgtaa tatccattaa tttctgttaa aatgaaatcc gaccgttcgg 120
tcatgccgta accacgttgg aaaccaaaaa gagggtaaata aataatataa taaaaaata 180
tatttttagta aaataaacca aaaaaagcaa tcggacgttt ctctttggga tttctctttc 240
ttaattgaat tgactaataa ctaaagttaa actaaggcta aatcaaccc gcaaagtcaa 300
gctcgccac aaaaatcact aaaaaaggat tttaagattc aatacctcag tttttcttac 360
aaagtaaaaa ggatgattct taagggtcaa cgccttanaa tgatcacctt tccagtaaaa 420
agaaatcggt gattcaccca taagaaaaaa ctacataggt cttatttcct cttcgatgga 480
gggtacgtac gaacaaaagc ccccgctttt g 511
```

<210> 2614

<211> 203

<212> DNA

<213> Glycine max

<400> 2614

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tctttgagaa aacttccttg agaagcttct ttgagttaac ttgcttgaga agcttctttg 60
agaaaacttc cttgagaagc tagagcttat ttacacatac ccctctcata actaagctca 120
cctccttgag aagcttccat aagaagattc ctaaagaagc tagagcttag ctacacacac 180
ctctctaata gctaagttca cct 203
```

<210> 2615

<211> 477

<212> DNA

<213> Glycine max

<400> 2615

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agcttgaagg tgtgtagccc accatctttt tatattagaa tactgggaat gtgtctacta 60
tcattggcat cattttttct ctggcattga ggagccactt gagctgcaa gtctctccac 120
ctttgggcgt attcttttga aagatttggtg cccctttttt gcacatgttc tatagttgct 180
cctatccgaa gacattatac tgacactggc taacgaaagc aaccactaag tccttccaag 240
```

aatggactcg ggaaggttcc aagttagtgt accaagtaat agctacccca gtaagacttt 300
 cttggaagga atgtattagc aattcctcat cttttgcgga tgcccccgtc ttccgataat 360
 acatcttttag atgggtcttg gggcaaggta gccccttgta cttgtcacag tccacaccct 420
 gaacttggga ggggtgatga tattgtgtac taggaacaac ttttctaagt tagcaaa 477

<210> 2616
 <211> 203
 <212> DNA
 <213> Glycine max

<400> 2616

ttagttggtg aaatcaggtg tagccatttc ccttatattc ctctcacggg gtggaggttg 60
 tgccatgttc tcagaatgtt caaaatcaaa atgttcaaaa caataatgct caaaatcacc 120
 aataacaaaa tgctcaggat tctcaaaagg tactaaaatga tgtctaacta atctatgaaa 180
 taccctatct atctcaggat taa 203

<210> 2617
 <211> 465
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2617

agcttgtttg aacagtgaat tgattgaaaa tgatatgcag nggattgttt tgcattgaaat 60
 gagagtttga gaatgatttg aatgagcaat tgtatgatta taatggattg gaatgattag 120
 ataattgttt tgatcaagct tgcaatcatt agaagagaat aagcatgtga ttggaagtat 180
 gactgaaaat gttagtcaat ttgtcagatt gattgtgaag gaatgcatta accctatccc 240
 ggtgagagtg tgatccttaa attttgagag aatgactat catttagtat tgatttttgt 300
 gagaatctct gaagtatgga ctgaatgcat gaaattgagg atcatgaagg ccatgtttga 360
 ttgtgatacc cacttagcca aaaagatgac cacgtgcttg aatgatttat cccttgacc 420
 cagtttgagc taaatgaatt attgattgat tgaaccctga gccta 465

<210> 2618
 <211> 201
 <212> DNA

<213> Glycine max

<400> 2618

tcaaagacgg atgaaactta atttacctca tatcattttt agacacaata aagagatact 60
taatttgctg accatacata cttagcacaaa tacattatag ttggggacca accaagcaag 120
acctcataac tttgccagcagg ctttaaattc tgctaagcaa aattaaatac aatattgtcc 180
acttttgttt ggtattagaa t 201

<210> 2619

<211> 247

<212> DNA

<213> Glycine max

<400> 2619

ttgaagggaa cctcctctat ctatgaactt atcatcagat caaatgcttt tgaaattttt 60
aaagaagaaa tcaactgtact gggctagaga taaaaactcc tccaattcaa gttatttata 120
agaaccctaa tggcggattg tgaaatcttt gtgaacacca tgacttgaat tggtttataa 180
tttgatttga tgcgaataga aaatccaaca tcagaaattt ctacaagcca aagattaacc 240
tttggtt 247

<210> 2620

<211> 190

<212> DNA

<213> Glycine max

<400> 2620

tttaggacta cttaatttat taatcgatgt aaccctaaaa tttaggaagg gggatatttt 60
caagaaacaa ttgctagagg ataagaattt catttgatgc atgtcacttt ttaatagtat 120
gaatttgttc aatgggggtga taagtaacaa gcataagcac aggttccttc ggccaatgaa 180
atggatttcc 190

<210> 2621

<211> 206

<212> DNA

<213> Glycine max

<400> 2621

agcttgataa tgggaagacac atgaacagct cttgcaataa cattcatggg gctccgaaaa 60
 atggtgagaa tggaggattg cctttgaggg cctcacttat gcaatcatga aacacaactc 120
 ccaactcgaa agtggaggac acatgaccag ccctaagcaa taacattcat gtggctccca 180
 aaaaaggtga aaatggagga ttgctt 206

<210> 2622
 <211> 199
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2622

ttggggctga aaaaaactat ataacagcac caaggttcta gtttagggag cccctctct 60
 ccctcgcggg agactctctc tctctctctt ctctctcttc tattcttcgt ttttagtttt 120
 agtctctctt ctctttctct tttattttcg ntttttttc aattccagtt cagactttta 180
 gttttatcaa taaaatttc 199

<210> 2623
 <211> 428
 <212> DNA
 <213> Glycine max
 <400> 2623

gcttttcaaa tgggtaaaag gctcacattc acttttttct acatcatagt caaacttgtc 60
 caaataaata ataaagtcac ctogactcaa agaaagtcac ataagtctca tacaattaat 120
 atagaacctt tctcctaagt tcacatccta tcagagcggg gtgttcccgt gtcctctagc 180
 atgaggttct tcataggcat tcacctattc atctgtctcc ccgaacacaa gttcaagatc 240
 atcacaggat ccaaacacaa caacacacag ggagtgagtt atcacattcc tagctaatag 300
 agaaacaaga caattaaata tacgtattat ataaatgaga taccacttgc ttaaacaatg 360
 ctcacgtaac ttcaccactt cggatttcaa aattcacttt tcaattatca atcacattac 420
 ccaagaat 428

<210> 2624
 <211> 211
 <212> DNA
 <213> Glycine max

<400> 2624

tgcttctaca gagtgaata ggaataaaga tgaaggaaaa cagtgaaaaa gaaaaacaaa 60
aagaaaaaga gaagggttgat gaggagaaaa agaagagcaa gagtgagggtt ttaagagaga 120
aaaagaacga gattacttca gctgaaggaa aggaagtacc atatccattg gtaccttcca 180
agaaggataa agagcgacac ttatccagat t 211

<210> 2625

<211> 260

<212> DNA

<213> Glycine max

<400> 2625

aaactcactc tttttccact cataacacca tatttctact ttctaaccct aagttaactc 60
tacccttcat ccctagcaag tttccataag ccatttcagc acaccaacaa caaaagtatc 120
atcataaaac cataaactga agggtagcta actactcaac aaacaagtca gcatgctttc 180
gtaaatctct tcacaataac tatcacaag cattaaccaa acaaactacc catcatatct 240
ccaaagccca taccccaat 260

<210> 2626

<211> 206

<212> DNA

<213> Glycine max

<400> 2626

ttcgaattta agaacttatc taactatatt atcaacaatg attttaaagt agcaaactg 60
acgtagattt attggtcgtt atttgatttt aaatttggag tttgatttca tgataaggat 120
caccttgtaa tttgaaaatt tatectaata atgccaaaag ataaattaaa aaaattgatt 180
gtttctotta tagcatttga tcatgc 206

<210> 2627

<211> 248

<212> DNA

<213> Glycine max

<400> 2627

aacattttta aaccacttg aaccatcata aattcaattc taggatctaa aaaaggcaca 60

cttgagcata tgaattggat tacattgtat gttacctgca aaaatcaaaa taataataac 120
 ttcattatatt gtaaacctta acataattac cattcaatta aattgaatgt attacatact 180
 tccctatatc tatgaagggtg ttgtttccaa agaaaaggac cacctttaga ttccatgatt 240
 aaggtttt 248

<210> 2628
 <211> 209
 <212> DNA
 <213> Glycine max

<400> 2628

ctttaaactt catacaagaa tcctgctctg ataccacttg ttgtaccttg tggcctcaat 60
 aatcttaaga gggataggct tagaatgcag aagaagcaac aacaatcaat ttaacaatgt 120
 tcttttgga tctctctcgt tgtctgttga gaggataaga cattttggac caaaaacact 180
 ctctcttcaa ttttgtccca agtcacaca 209

<210> 2629
 <211> 87
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2629

tatgtggtag attnatcaaa actaattggt ccattttgtn ttgctggtgc aaatttacat 60
 gtttgctttt atatttttgt ataggga 87

<210> 2630
 <211> 942
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2630

cctcccttct tttagaggct ctctctctct cctccctcc ctttcttttn ttctgtcctt 60
 ctctcttttg tccccccct acccacacct ggtatacttg aaacttgtgg ccgctgaac 120
 cccgagatct cctcgaggga ctcaagcgcg gggtattctt ttttataaac aacagatata 180
 gttctgtatt tttctcgaga aaaaaagcc tctgagccct ggcacccac tgaaaaacga 240

cggagtggtg tgccaacgat aacacaccct gacagtatgt gcgagatttt ttcactaaga 300
catcggtgggt cgaaccaact tagatatctc aacatggggc catgacaaca ttggccacg 360
gtggaagcta gaagtaacac aggacgtctc actgcccgtt caagggggtg ggagacaca 420
caacaccaac cgatgggacg cctcgtctaa tcttctcgcc cgaacgttat ttggtaggac 480
agggactcat cattactaac acacagggac tagatgcacc atttttggaa tgaacaagag 540
acgtgtgttg taccgcatca accccacgga tggggacttt tgatcgccga ctacttcacc 600
caccctttcc tacaaatgac aagaccgcg cctaattgtt gccatgcacg tggacaaggc 660
aattatgcaa aatagaatgc cccgaggaaa gattattttc tcgataaaca ctcacatggg 720
gacaacgcac cacaactttt ggtcgcgggg ggttcttgtt gggaaaaaag acatcgacgc 780
cacgatgggg gggtcagggt acctaccag ccccagaaa ggcgcggggg gatccgcct 840
cgctctttca cctgcttcca aaaaaacgga cgcgccaccg cgcgatactg caccgatggg 900
tcgcgataac ccgcgatcga agcgcgggag aaaagatcac tc 942

<210> 2631
<211> 145
<212> DNA
<213> Glycine max

<400> 2631

tgttgcaaaa agcgcttagc acaccctgct gcgctaagcc ccagatgctt acgggatttt 60
acaacttcaa gttgggctta acgcgaggct atgctaaacg cttgggtttt aaactcaaac 120
ttcatgttgg cagcctaagc tcagt 145

<210> 2632
<211> 449
<212> DNA
<213> Glycine max

<400> 2632

aagcttgcca accatggaag ccctaaatct tcccactttt tggggggggc cattcttggg 60
tggccttgat tttctcaggg tccacttggg tcccatttct accaactaca aaccctaaga 120
aaactatatt atttacacaa aaagtacact tctgtatatt tgcatagagg gtgttttttc 180
taaggactga aaaaacttgc ctgagatgac ctaagcgatc atctaggctc ctactgtaca 240

ctaaaatattc atcaaaaataa acaactacaa atctacctat gaaatccctt aagacatgat 300
gcataagcct cataaagggtg cttggggcaa tagtgagccc caaaagcatc actaaccctt 360
catacaaacc agacttgggtc ttgaaagcgg gtttccactc atcacccttt ttcattctgat 420
ttggcgatcc cccttttaag atcaatttt 449

<210> 2633
<211> 197
<212> DNA
<213> Glycine max

<400> 2633

tgatattatg ctaagcctca catcttatgc taagcgcata ttggtgaaat atttcttggtg 60
ttgcaaaaag cgctaagcac accctgctgc gctaagcccc agatgcttac gggattttac 120
aacttcaaga tgggcttagc gcgaggctag gctaagcgct tgggtttttaa actcagactt 180
catgttggca cgctaag 197

<210> 2634
<211> 240
<212> DNA
<213> Glycine max

<400> 2634

gggatcttaa gtgaccgagg ctgcagcttt taacattaaa tgggtataact tttactcgga 60
ggccggaatt aggcgcataa tatatcgaga cgctcggaat tgaacaatgg aagctcttga 120
gcaattcaaa tgggcataac tttttactcg gatgtccgaa tcaagcgcat aatatatcga 180
gacgctcgaa attgaacaat ggaggcacc cagaaattaa atgggcaaaa acgttttact 240

<210> 2635
<211> 193
<212> DNA
<213> Glycine max

<400> 2635

ctgatgataa catgacaaac tccaagtgtc tcatttttgt gacaacgtca tttatatacc 60
gatcgttatt ttgcatgaaa aggggagaaa tgggaaaaga ttaagatccc cgagaaataa 120
cttaacaaaa aactatatgt cccctaacct cgattattat agtccaaaga ttctcccaaa 180

ttattataac gtg 193

<210> 2636
<211> 232
<212> DNA
<213> Glycine max

<400> 2636

agcttgcttg agaagcttct atggaggcta tatctttgag ctttaataag gtccttcaat 60
ggggattttc agccatggag ttgccatgaa agataaagga aaaaagggga gaggaggcgt 120
tatccacaag aaaataagcc atggaaagag aaacttctcc accaagaaag tggcttgat 180
tagaagcttc aagaagaaaa gaatgagaga aaaagagggg gcataagaat tg 232

<210> 2637
<211> 205
<212> DNA
<213> Glycine max

<400> 2637

ctttgatgta acatttgag aggttaatga aacaacgtat tatgatgagc tccatgagag 60
gttgatcaa atggagaata gagacatat gaattgctca agagcttcca ttgttcaatt 120
tcgagcgtct agatatataa tgcgcctcaa tcggacctcc gagttaaaag ttatgaccat 180
ttgaaatgct caagagcttc cattg 205

<210> 2638
<211> 368
<212> DNA
<213> Glycine max

<400> 2638

caagctttat gaagtttttt ggttttctaa accttgaaaa cttgcgctat tcattctttc 60
attctcttct ctctttgcca aaaagaattc accaaggact aaccgcctga attctttttg 120
ggctctctct cttccttttc caaaagaaca aaggactaac cgctgaatt ctttcgtgtc 180
tcccttctcc cttgtcaaag aattcaacat gacacagtct gagaattctt ttgattcttc 240
ccattcccta atacaaaagc attcaaagg ttaaccgcct gagaattctt ttgtatcccc 300
attcaciaag tattcaagg ttaaccgcct aagatctttg tcttaacaca ttggaaggga 360

catccttt

368

<210> 2639
<211> 217
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2639

tttattgcat agataaaagt taagagtgca gaatattggt gttggtacac attgggtacc 60
ttgagtttac atggagatgg gacttattta aagaaatggc tcaccaaagt tgaaccttgg 120
gtttgttgag ccttagaaca cactggcgtg ttagccttga gttttatcaa gcctatggag 180
ttgcgtcaac gcttaccaag gacnnntttt ttttttt 217

<210> 2640
<211> 497
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2640

agcttttttaa aaagaattta acgnggntcg acacctcctg cctatgtcca cgagaccgtc 60
ttaaaaagta tttcactatc acaaaaatga ttacaagatt gtaaccacc ccaaatactg 120
tatcactcta caaaccgag tactccactc aatgggtata agaaatgata acactctcac 180
acaaagacac ttttctctca acaaagtgac tttgtttcac aatctctctt ctcacacaca 240
ctctcttcat gggttgggtt tctcccctaa atctcttctc tatttatagt gaagattgcc 300
accaactatt ataaataatt tctcttggaa gttgaaacaa aaacaatttt tcaatgcac 360
cattaagcta aagctcatct agtaaaatgc aatctttcac tttccattaa agccacctaa 420
accttagtga tgaaaatcca attcccatat gcatgcactt atcttgggtt gaaactctac 480
acttaactat ttttttt 497

<210> 2641
<211> 204
<212> DNA
<213> Glycine max

<400> 2641

tgctaagatt tttagtatga caatttcaaa atataagaat aacataatca tttattgtta 60
 gggttttttt cacgtctttc taaattcaaa atccaagtat tatttgatac aagttacttt 120
 aaccttcact ctcttttata gaaagaaaga aaagaagcaa ctatcactta aagtaatata 180
 agacaatatg agataatttc tttta 204

<210> 2642
 <211> 355
 <212> DNA
 <213> Glycine max

<400> 2642

agcttcacaa gatgatgccg atcgaacttt tcctaactga tatcatgcaa atttcgttca 60
 cggattgaat tgaaaactca atagccgaca tcggcctcga aatagccccg attgatattt 120
 ttcagccgac attgagcaat tttttttaa aactctcgct ggcagataat ggttttttta 180
 cggtagagga agttttcttg ttttggtggt gcataaaata tttacaattt aagtcggcta 240
 ggattttttg tgcgagctca accgaacttt tgtttgggcc aaaactggct tgttcccatt 300
 tattcggcca gcaaaacatt agcccattcc ggcaaaaaa atattattca ccgat 355

<210> 2643
 <211> 198
 <212> DNA
 <213> Glycine max

<400> 2643

tcaccggatg acgccgatcg aacatttcct aaccgacgtc atgcaaattt cgttcaggga 60
 ttgaattgaa aactcgttag gcgacatctg tcgtgaagta gcgaccgata tttttcagcc 120
 gacattgcac aattcttttt agaaaagctc gctggctgat aatggccttt ttacggcaga 180
 gtaagttttc ttgttttg 198

<210> 2644
 <211> 142
 <212> DNA
 <213> Glycine max

<400> 2644

tgcaagcttc aaattcaact tcgagcgttt tgttatatta tacgactcaa ttatacatcc 60

gagtaaaaag ttattggcgc gtgaattggc tgagaacatc aacctctaatt ttttgagcgg 120
gccgatatat gacgggactc aa 142

<210> 2645
<211> 200
<212> DNA
<213> Glycine max

<400> 2645

ttgagcaaatt tcaaacgaca ataacttttt actcggatgt ctgattgagt cccgtaatat 60
atcaacacgc tcgaaattga atgttgaagc tctgagcaaa ttcaaacgac aatatatttt 120
taatcggatg tctaattgag tcctataata taacgagacg ctagaagttg aatgttgaag 180
ctttgagcaa attcaaacga 200

<210> 2646
<211> 876
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2646

gcacggccga agactacgac gacaggcgtc tggagggaca ccctggattc gcaagagcgg 60
catcactact aaaaaaaccc ctacnaaccc cccaagggtca tgagactgag acctcaccca 120
ccagggaat acccccgggg gtggagggtc gacgccaaga aaggggcatg gtttatgttc 180
atacgaaggg caggccttcc tggggggggg gagggggggc acacaccata acaaacaagg 240
aggggtgaaa aggaaacgaa agggaataga ggggacgaga agaaaaaaaaa ggggggggaca 300
aactcgtagg cggcgaactg gggcgacaac acgagagggg gggcgaacgc gtcgggaggg 360
aaaagctggg tcaaaacaag cggacgagac aaaacgttgg ggccggagac aaactagacg 420
ttgatgtggg gatgagcggg tgaagcccaa aacctcgggtg gggaagacgg gatggaaaaa 480
acgcgaggcc gagggaccaa ccacgaggca ggaaaaacaa ggaaatcgag gatggcgacg 540
ggacaagcgg aggagtggac gagactgcag atagcacaag ggggagcgat aaacgcgcga 600
gacaagaaga gcaacgggaa acggatgaga ggcgacgaag gacagaacag acgccgggga 660
aggggggaag aaaacatcgg ggcgatagag aacgtagctg gtgccagata gttaccaaac 720

gacgggaatc cggctcgatg acgctgaaa gcggacggga gagcacaccg caggccggcg 780
 acgagcaata tctaaccgaa ggaaaaggat gatgcaaggg aaacgcagag ggtcgccgga 840
 cacacctgaa ggggatagac gcttggagaa ggaaag 876

<210> 2647
 <211> 207
 <212> DNA
 <213> Glycine max

<400> 2647

ttgagccaaa atcctgactc accataaacc ttgacccagg gtgagaatgt ttatccttac 60
 tctcggaac aaaaaagaag gaaaggaaat ttccaatcaa agaaagaaaa aaggagagga 120
 aaggaaattt ccaatcaaag agaaagaaaa gaagaggaaa ggaaattccc aatcaaagag 180
 tgggagaaaag aaaaaagaaa agaatga 207

<210> 2648
 <211> 400
 <212> DNA
 <213> Glycine max

<400> 2648

aaacaacaac cttttggagg aatcttcttg agggcccaag tgggtctggt tgctatttgc 60
 acccccattt ttactaaata cccccctgc ctttttttgg ggattctttt ttcgtaaagc 120
 tacggaaact taataaattt tctaaccgat acttggtttc tttccgtaat gttaccgaac 180
 cttgcggatt acataatcat cccttttttg acttacggaa tgttacgaaa cctcactaat 240
 tgtgcaacga tgcttccttt tgatttccgg ggtgtcacgg aaccttacgg attgtgcatc 300
 aatattttct ttgattttc ggcacgttac ggaatttcac aaattgtcta ctgatgggtg 360
 ccaagcacct taataatgac caaacacaag ttgcatgcca 400

<210> 2649
 <211> 208
 <212> DNA
 <213> Glycine max

<400> 2649

ttgagccaaa atcctgactc accataaacc ttgacccagg gtgtgaatgt taatccttac 60

cctcggaagc aaaaaaagaa tagaggggaa atttccaatc aaagaaaaag agaaggaaaa 120
 tttccaatga aagcaaaaaa agaaaagaag gaaaattccc caatcaaaga gtgggagaaa 180
 gcaaaaaaag aaaagaagga aaattccc 208

<210> 2650
 <211> 449
 <212> DNA
 <213> Glycine max

<400> 2650

ttggtggccc tttctctccc ttccaattta gttgggggga ccaaccctta tcgaagtaag 60
 ttccctctcc cttttgacct ttgtgatttg ctacttattc cattgttttt caaactttaa 120
 attttgctag tgtcacataa caccacttgc atttgtttaa cagtaatcta tttagtttgt 180
 tcattttcca attgcagcat aactcacttc tttagctatg ttgtgtggca catgctttga 240
 tgttgaaatc tcccaacttg aagattctga atattttgat atttttttta tgcttgtagc 300
 ggagacggtg atatagtcca tacccttgct tggcttgcca ttttggaagt gcaaagcttt 360
 catgactttt ttttggtgaa gacaaccgat ttagcttgat cttctataaa ttattgcggg 420
 cttggatgca aattgttgtt ttacctagt 449

<210> 2651
 <211> 206
 <212> DNA
 <213> Glycine max

<400> 2651

ctaacaaact tagaaatcaa gtgatcatgt attccgcaat atatggggag aaaaacggat 60
 gcacatttta tctatataca attgtttgtt gcttgcttga atcttgattt caggtattgt 120
 attgtcatca tcaaaaaggg ggagattgta gatgcaattg gctttgatgt tttgatgatg 180
 atcatgatga tgtgttgcaa ttgatg 206

<210> 2652
 <211> 407
 <212> DNA
 <213> Glycine max

<400> 2652

ggcatgagtt ttaatcgagt ttataatca tatatcatct atcatctatc cttcaatcta 60
tctttcaata tcttctttca tcttcttcta cagaactttc taattcattt atcctcatct 120
ttctaacagt ttttgttcaa cactttctct ttcaagaaaa gttctttgat aaaaaaactt 180
ggggtattca tctttttcat tcttctctc ctttgccaaa agaacgaagg actaaccgcc 240
tgaattcttt tgcgtttctc ttctccctta ccaaagattc aaaggactta gccgcctgga 300
aatcttttga ttcttccctt ccccttaagc caaagatttc ataggactaa ctaccacaga 360
aatcttctgt ttcccccttc caagattcag ttgactaacc gcctaag 407

<210> 2653
<211> 202
<212> DNA
<213> Glycine max

<400> 2653

taccttttca ttggtgtatt ttgatctcct tttggtgctc taaattgtgg gaatgtgctt 60
aaatatgtgg ggcaattttg gtttgttttc ttgcttgatt aggttgaatt ggggggtttgt 120
atgggatggc cctaggccta taatgcattt tgaacaatg ggacatgcca cattgtcccc 180
gttctcttgc tattgatgcc ta 202

<210> 2654
<211> 373
<212> DNA
<213> Glycine max

<400> 2654

ggcttgtaca caacaacacc aacaaagtcc attaattcct ccataacaat gatgctcaat 60
accaacaccc tcttttccac cttctctctg actctcaagt atatttgcac ttcatgcata 120
ttgaaatgct catatgcaaa aactactttc aaattttatt cttgcatatg gtgttcgttt 180
attatatgca taatttgtca atcttccctta aaactttatt ttaatattaa tggatatagga 240
agcactgaca cagaagtgtc gaatttatcg gcagctgaaa atgttgaacg gagaaaagat 300
acttgagcaa ttccaagctt ctacatcttt tgaaccggtg gcttctataa ctcacgaaac 360
agaaagtgaa aat 373

<210> 2655

<211> 485
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2655

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agctntgaaa tccaaagatc taatccaagg tatatgtttc ataaagggga ttcccttact 60
tgtgtctattc gagtgcgaacc tattcttttta tctcctattc gtgtgtaggg aaacttaagc 120
tttttgtgtc ttcttttaaat aaagatatgg tgggagaaac cccaactagc ggttttgtgg 180
taattttctaa tgggggggttg aattggcctg tggaaatttc tggtagaaca ttaatgattg 240
atctaatttg ttggcctttg agccaaattg atggtattct gggtagggac tgggtatctt 300
ccaacatgt cttgttaagc tgctttgata aaactatggc ggttgatggc tctagagtga 360
gtaaggatat atatggagaa gccagcttca tgatgaatca agattgattc aaagaagttc 420
tgatgatgac aaaggtgatg acaaaaagct caacgaccag aacaattaat gatacaaaga 480
tgatg 485
```

<210> 2656
 <211> 188
 <212> DNA
 <213> Glycine max
 <400> 2656

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tcaagtaatg agtatctttc ccttcactct agtgctttac attatataaa tttgccatat 60
tctcgataaa ttttgcagct tcatcattta ggcaaagcac tgtcaaactc atggaatctt 120
atggacacat catacagtga ggggcaatct ttttcccatg taatcaatat gttgccactc 180
tcatctgc 188
```

<210> 2657
 <211> 434
 <212> DNA
 <213> Glycine max
 <400> 2657

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agcttgcttg ataagcttct atggaggcta tatctttgag ctttaataag gtccttcaat 60
ggtgatcttc agccatggag ttgccatgaa agataaagga gaaaaggatg gaggaggcgt 120
catccacaat agaataagcc atggaaggag aagcttcgcc accaatagag tgccttggat 180
```

aagaagctca aagaggaata taatgagaga tagagagggg gcataggaat tgaaggagag 240
aagttgaact ttgaagtgag tctcacaagt ttctcattca tcaaagctat gaaaagtgg 300
acacatgttt ctatttatag cctagcacat gggaagcttc cttgggattc tataggcaga 360
aagcttcctt gagaagctag aaaggggcta ctcatacccc tccaatagct aagctcacc 420
ctatgtatga taca 434

<210> 2658
<211> 200
<212> DNA
<213> Glycine max

<400> 2658

cgtaaggatg gcacaaatca acgaaggatt atcaactaca atctttcagt catcgcttca 60
ctcaagctca agtggtgagg ctcatccat cgtaaacaac taacacaagg tccaaccttt 120
gcgtttcatt tcatgtcata cagcgatgat cacacaatat gaatctgaat gacttcctag 180
tcttgtaatg ggggtaggct 200

<210> 2659
<211> 537
<212> DNA
<213> Glycine max

<400> 2659

agcttctata taagctgaac cattttatca atttacacaa gttgagtttt attcagaaaa 60
ttagagttaa tctcttttat cttagtgaga gtgattctcc taagttcttg agtgattcaa 120
gaacaccctg gctgtatcaa aggactttca caacctttgt gtgttgccct cgccagaaag 180
agcgattttt tcttccttt catcttcaac cttgggtcttt caaaccacaa ttccagaaaa 240
tccatttctg ccagaatta tctcgtggcc ataactccag ttttacgcac tcaaattaag 300
tgattcttga gcctaaattg aatttcataa cgagacattt cacctcattt tggaatcacc 360
tcatttggag ccggtagct tgagctattg gcatttctat attatgtcca gccctcactt 420
aacctacgtt tttttctatc tcattatttc attttatgcc aagaaccaac ttattaagac 480
ccacgaaata aacaccttat ttttactctt tctttatcaa tttcgcatth ccatcca 537

<210> 2660
 <211> 203
 <212> DNA
 <213> Glycine max

<400> 2660

tgtagccatt agaagagaat gagcacgtga ttagaagtat gactgaaaat gttagtcagt 60
 ttgtcagatt gattgtgaag gaatgcatta accgtatccc ggtaagagtg tgatccttaa 120
 attttgagag aaacgactat catttagtac taatttttgc gtgaatcttt gaagtatgga 180
 ctgaatgcat gaaattgagg atg 203

<210> 2661
 <211> 534
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2661

cantcgcggc atgcaagctt ttaattagag gcgaattatt ttgaagggtca tgatgctttt 60
 atctatacca ccatgcaaataaat taatgctttg attgacaaat gctttaattc cacaagttgt 120
 agcttttttt taagaaaaaa atgtatttgt gtaataaatt tatataactt ttaacgatga 180
 agagagaaat aaaataaaaa gagataaaat agatattttt tgtgtgtgat aatcaaggct 240
 taaatattaa attttgagaga aactagctat ctcaatctca ccactagatg gaccctagta 300
 aggtataaaa tataattgat atgatgaaga gtgattgaac aagtatttat ctataaatat 360
 ttatatgaga agaaaataaa attaattaaa gtttttctat ttattaaaat taacttacac 420
 cactgtattt ttacatatat aaactctctc ggttattaac atattggcgg gccgagtgac 480
 aattgattta attttttaaa taagggtgta tgtttaagtt ttgtaattga aaaa 534

<210> 2662
 <211> 200
 <212> DNA
 <213> Glycine max

<400> 2662

tgtattgtgt gagcttggtg tagcatgtta tgtttgctgt tattttttaa ttctttgacc 60
 ctttgaatgg ccaaactgga ttttgatgtc ttcattgagag ttgtagagaa ttctatcctt 120

gacatttagg tactggtctt atgtcatttg gaccaataac acataataaa tcttcaaagc 180
attgcactta cgttatattg 200

<210> 2663
<211> 489
<212> DNA
<213> Glycine max

<400> 2663

agcttataga gttaagtctc atataggttt aatcaattac aattgtttca taatcgatta 60
cattgctggt tgagacaatg actaatttat tcaaaagtct ctgctttaat tgattaccaa 120
gtggattaat caattacttc tctctcattt agttgttcaa aggagaacaa gaatacttta 180
atcgattagt taaagcatct aatcgattac attgttcttg agttctttcc agatgttggg 240
aagaacactt caattgatta cttaaataat cttatcaatt actttgttga attaataat 300
tactttgtag atttaataca ttactggcgg ttatatcagt tttctctata aataaccagc 360
ttgtgttcac aactacacat caagagatca atagagatta ctcaacacat ctgaaaata 420
actcattaac ctctgaatga gaatgatctc atgttattca taatgaataa gagaagaaaa 480
gaaaagagc 489

<210> 2664
<211> 204
<212> DNA
<213> Glycine max

<400> 2664

tttcgcaaag cttatggtaa aatctgggac ttagccatgg tagaagtctc cacagaagcc 60
attgcctccc tcgcccagta ttatgatcag ccgatgaggt gcttcacctt tagggacttc 120
cagctatcac ctatggtaga agaatttgaa gaaatcctac gatggcctct aagggtgaagg 180
aaaccctatc tcttctcagg gttc 204

<210> 2665
<211> 958
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2665

gactgatacg tattgggtgt cagacgtgtn tatgctatac cgtgttgtaa agcgtagatt 60
gtggtagtta gtgtaacgat atattatcnt cctcctccac tcacagccnn ctttttgact 120
ctgagcgaca tcgaggcacc cggagaaaat cccaagga acccccgagg attggaagtt 180
tttggaaagt ggaaaatttt tttcttatat tttgatagac acagggggga gtgacggtag 240
agagagttcc tgtaaagaca cacatccttc agaggggtat aaaaaggga gaaggggggg 300
ggccggattt tcttcaatgg ggaggggaaa aacgggtgga gaaagctggg gtatgactat 360
ataggagggg ggggagacgg gatgacaaag aagggggatt ttttctcccg ggcgatagaa 420
tagagccaca agagttggaa cgggtcggga ggggataact cccacaagtg ggtgtcgtgg 480
agggggtttt gtgggtaata agcaaaacga ataatgggtc ggaggggacg ggaaaagaca 540
gaatttagct ggcgcctttg gggattttga taaaagaagg aggtttttta gacggtggaa 600
agggccttgt tacatatcag gggggggagg aaaattattt taggtggatt tatagaaaag 660
agagcaaaag ggggtatggg cgagtctccc gaaaagagga tcctatgttt aggggtggga 720
gggaaaagat tggagaaaat gtggagataa gagaggggaa gaaaaaatgt gtgttaattt 780
tgaagaaaag gagttttggg gtggggacgg aagaggatat tgggcgtata atttcgaaaa 840
gggggtaggg aggaagaggg tcgaagaatg tgtttaatgt tgggggaaat ccttagggga 900
gggaaggag gttttttttg gttaggaaag tgctaagagc accaaaatgg gggaatcg 958

<210> 2666
<211> 198
<212> DNA
<213> Glycine max

<400> 2666
tcttaggatac tttgtgattt gatttgtgat ttgatcttag gtactatatg acttccttg 60
tgattttaga tcatttgtga tgacaatgaa tctactaaac atctcctcaa tatattctgc 120
ttcttcata ttgaacaggt catattggag tgtcaagatg tttatcgtgg actcatttac 180
ttagttagtc ccatcata 198

<210> 2667
<211> 199
<212> DNA
<213> Glycine max

<400> 2667

tattgtattg acccacccca agtggctgag cttgtgcagc aataaggtct acaatcaacc 60
catcaaattg ctcttaagta ttttcttttt atgctttatg tcacttaagt cttaaaccctt 120
atattgcatt aaaaaaaatc ttgaccttat aatgagtcac tattaatgac atcacataag 180
actcatataa agcccagtt 199

<210> 2668

<211> 424

<212> DNA

<213> Glycine max

<400> 2668

agcttcttcg ggtatccttg ctcaatcctg aatttcttct acaaggtcta actcaattct 60
tattaaattg ttttttagtag ccttatgaaa ttgttgcac tgaacaaga gttcttcaac 120
atcaatagga atcattgcac cgctaccata ggctagccaa aaaagtgttt ctttagttgt 180
tcattgaggt atacaacggt atgcccacaa aactcccaac agcttcgacc catgcttctt 240
ttgcttatcc aagttatttt tcaactcacc gaggataacc ttattaaatg ctttggcttg 300
tcattggat tgaagggtgt caattgagct gacttgatcc atttggggaa gtaatcgacc 360
acaactatta tgaacttgca ttgccctttt ttcaacggaa aggctacatg gatattcatt 420
ccct 424

<210> 2669

<211> 202

<212> DNA

<213> Glycine max

<400> 2669

tctcagattc tttttgaaca acttgtctta tttcttctcc aagtttcctt tttctttgag 60
ctataagttt ggcttttagag gagatagaaa gtttgtgaca aatgaaatta tgattgacgc 120
ctgacaagtt aactgcactt tatgcgaaca aatcaacatt ttattttaac aggtgctcta 180
tttttcttcg aagatctaca tc 202

<210> 2670

<211> 437

<212> DNA
<213> Glycine max

<400> 2670

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attctggttt atgagaaatt ttcttaaaaa gaaacacacc actaaattct atgtgccctt 60
actggtattg ggcgtataaa tagggcttgg ctcttatgca ctttatagga taatataaaag 120
taccatatta attaaaaaaa atcaatgggt aagattgtag gtaacttaat ttagatttta 180
taatatttat atttgatttt attacaatcc caatcgttaa tgttctaatt atcaatgggtg 240
agtgcacttt attctctaaa atgcaaccat catttttagtt taaaggaacc aaattctata 300
aaatgataca agtatctgaa tttgctttaa tttcgggtgg taacagggtt taaggcaacc 360
cacaacaggc tgggagggttc aacttcacta cacaatttcc ttactataaa gaaagaaact 420
tacatgccag aatttta 437
```

<210> 2671
<211> 1089
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2671

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cattttcaaa gtaattantc tataatagtg aacttctatt acagtgatga taagtatata 60
ataagatagt agaataatat tatattcaat atncttccn caaccagggtt ggaatgaata 120
cataggaaaa cagaaaaata aaatgagact aggacaaatg gggctgatgt agggattatt 180
tttttttggg atactactct ataaaaaggg atcaggattt gtaagagagg aaaagttaaa 240
ttgagataga gagggggatt taaaataaga aactggaaaa acttgggaaa ggaagaaaat 300
ttggataaaa agaaaagggt gctagggcnn aaagaaanan gagnaang aaagagaaag 360
aagggaagaa gaaganaaga anaaaagaga aaaaaaaga ggaaagaagg aaaangagag 420
agaaggaaaa gaagagtaaa gagggagaaa gagagaaata aggaatgata gaaggaagga 480
atgagaaaaa gaggaaaaaa gatagagaga gaaagaagaa attaggaaag aaaaaaatat 540
aagttaatag gataaagaga gaagaatata agtataaaga gataaatgaa tgagagatga 600
agtggaaata tgaatgaatg taaagaatta taatagtga gattgtagga tatagaagga 660
agtaatgaat gatatgagag aataaatgaa tagaatagaa taatgagata gaaagatata 720
```

agaatatgta agaganatat gagattataa agtatgatga agtgagataa gtagaagggt 780
 tgtaaatgag aaaatnagta agatagatag atgtaataga ataaataaga ggtgattata 840
 gatatttatg aatggaagaa atggaaagat atagagtata tgataaggaa gatgtataga 900
 atataataga aggatatata aagagataag tagaaaagggt atgaatatga agtgaataat 960
 attgtaggga aatgaatata agattataat natatatatg taagaatntt ataggaatgt 1020
 aaagatggta tggataagag aaagaataag tggaatgagt atatgagaag atgagtataa 1080
 ataggagan 1089

<210> 2672
 <211> 424
 <212> DNA
 <213> Glycine max

<400> 2672

tatttcactc aagccagccc catagaactt tggcataaga gacttggcca ttgtcatatt 60
 caaagaatgt tgaacatgaa gaagaaagac atgaccagaa gtctaattggg gttttctcgc 120
 caaattgcaa tgcttggcag tttggtaaac aaaatagaat gccatttccc aaatcaactt 180
 ggagagcctc tcaaaagatg caactaattc aactaatgt ggcagaacct caaagaacac 240
 catcactaca agggagtcca tactttattc ttttcataga tgattttaca agaatgtggt 300
 ggattttttt cttaaaattc aggcattgaag tggctagagt atttataaag gttaaagaag 360
 atggtggaaa ctccaagtgg ctgcaagatt caagttctaa gaaccgataa tgggaaggaa 420
 tata 424

<210> 2673
 <211> 207
 <212> DNA
 <213> Glycine max

<400> 2673

tatggattat agtagttcag ctgtatcttt gtttaaagag tttttgggtg ttgagcattt 60
 ggctcaaaga ttacagatag aggttcataag ggtcattggg tttgctggag agaataataa 120
 tgtgatgctc actggtgaaa gctcaagaca tagtactcat cagctttact ctcaagaagag 180
 gctgataaaa gtgtccctta aggcctt 207

<210> 2674
 <211> 433
 <212> DNA
 <213> Glycine max

<400> 2674

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cgctgcaagc ttgaacacca tataagtgaa ggcaaaaccc ttattcctaa gccttaaggt   60
tttggattaa agcgtgggtt catgttcact tatggtgttg cttgaggctt gttggtgcaa  120
atctccctaa tggttacccc tctcgattgc accaaattgg gatcagagct ttgattcttg  180
aaattaaatg ttatctatcc tttgggcttt ctttttattg agcgggttct catttggttg  240
ctctttccct tttggttaac tttatattat tatttcatcc tcctttgctt tatttccttg  300
agactatctt tctttttctg aactctatct agcatcaata tcttttttac ctttttttaa  360
taaatactac caacaaatth ggcgcaaaaaa agaaagaagc gaaaaaaata tataattttc  420
aaaatttgaa gcc                                                    433
```

<210> 2675
 <211> 208
 <212> DNA
 <213> Glycine max

<400> 2675

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tgggtgtttca cctatggaga ttttgaatta agggggtgtg ttatttataa ttcagaatat   60
tagttgtaaa gtttggtagt ttgtttagtt agttgagtgt gataagacag tgattgagggc  120
tgaacttgag ttgtataaat agcctctgtg taatttagtt cataatgcaa ttcattctcat  180
tttagtatat gctttttcct ggctttct                                     208
```

<210> 2676
 <211> 449
 <212> DNA
 <213> Glycine max

<400> 2676

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agcttgcttg gtagatagtc aaggcttgga cacctactgt gggttggggc ctggtacgct   60
ccctaattggg gggatacggg gtcgtcacac aaatctacat caaatatgtt gtcgccttca  120
agctttcagc ataacattgc tgttcctact tttaatcttc cttgacaacc atgatatctc  180
```

ccatcaaggt ggggactttc atcttgaaat gtatggagat gatgactcct agctcgtttg 240
 gtgttttcct gccaatcaaa gcaaagtaag aggtatttgc accaacaatt aaatacctaa 300
 ttgtgaagct ccttgagaga tggccttgat cgaagggtgt cattatgtca acgtagcctt 360
 ttgtctctac tctttcttcg acaaagctga ggagtgatcc acagtgtggc tggattggat 420
 caagtgagac tccagccttt gaaatgttt 449

<210> 2677
 <211> 501
 <212> DNA
 <213> Glycine max

<400> 2677

gcatgcaagc ttgcatttgg aattgcgaaa gcccactcc atcattaaga ttagtacctg 60
 acatctcaaa caaacaatc aaacgtaaca agacaattat agttgctgtt tgaatacctc 120
 acccactcaa gggatatcaca caattatggc ttttctctaa tgaaacactc ttgcctttta 180
 ccactctaatt tccccttgag ttcttaggca attcaagaga ttatggccac aacaaagaac 240
 aattcaccaa tatgtgtaag gtaaggctag acaaagaaaa ggttaaccaa gaaaaaggct 300
 aacaatgttt ttaggcacca atgaaggaaa caaaattcag aattcatgaa ttcaagaaac 360
 aatccttcatt gcaacaaaaa tattacctta aaagagtttt ttttttaagt ttttcagcca 420
 tgaaccattc agctccaatt tttttttttt ttaaattttg cttatcgaaa aacctgcttc 480
 tttttttttt ttaaaaccaa a 501

<210> 2678
 <211> 201
 <212> DNA
 <213> Glycine max

<400> 2678

tgcagtgaac tttcttggtta cgggtttttt ggcatggaaa tatggaagac actaggactc 60
 acaggcaagt gggacaaaagt ttgtttgtgc gagttgacaa gcttcagtta ggtactctcc 120
 ttattttctta ctttaatatg aaaatccatc attatttttt ggtaacaata aatagtccat 180
 gattgttatt actcgtttga g 201

<210> 2679

<211> 950
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2679

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gaaagatgtg gtgaggnagg gatagactag atagaatgga atgtcagatg gaatatgtga 60
ttgaatgaat tatgactcac acaaagacca acggggnttg tgacttgtga agtaccggga 120
ttttgaaaaa gacccgagcg atgcaagcta tagntntttt tattaatgga tagaatatta 180
tggtggaaga tagaaccatg gaaggcggat ccacataaag ggaaaatggg tgtgttgtaa 240
gaattcagtt ttttcagata tcgtaagcta aatgtttggg tgtatattag ttaaatatc 300
caattataat tggcttgatg aaagaattat tttatattgg ggaacacgat atagaaaata 360
agataataag aacgtttggg taatagttaa atttattttg ggatcgaata tgtgagatta 420
ggagggaatt atttttgtta aaggaattgg ggggtttgtg aaaaacaaag tataggtagg 480
gtgctgttgt aataacaatt tattagaagg agtaaaatta taggggcgat aattaaaatg 540
taaataatta ttaattattg ggttgaaaaa aaaggatgga atattttgga aagggtctgt 600
ggaagggtag aggggtgggag aggttgata aattacaata agaatatgag ttttggttat 660
atatttgatg tttggtgagg gagggcggaa attaaatttt agttaatttt tgttgagaaa 720
gaagtgatag aggtatatga ttggggggga cgaattgtat tttatttatt atgacagatg 780
ttttggaggg gaaaagtatt gactaattga gaattaataa aagcatgggt ctggaggggtg 840
ttggaattat aggacaaaaa taaatgagat ggaaattggg tgagagggat tatgtagggg 900
aaatttatgg agtgattgaa gagagaatag ggatgaggat gtgtagatgn 950

```

<210> 2680
 <211> 195
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2680

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gcttagngac cccaacttga gcttaatgca gggaacatgc ttttatttgg ttttagaggt 60
agaaaaacat gaaaattagg attttcttgt gagagttttt gctcgaattt tggttgcccc 120
atgtttgata ctttacatag agggagcatg ggaaacacct tgcaatagtg tggatacata 180

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ggtgaatata agaag

195

<210> 2681
<211> 493
<212> DNA
<213> Glycine max

<400> 2681

agctttagg attatgggt acccatcaca tgttgacta tgtggcggtc gggcgatggt 60
gcacaacaag tttttccaaa ttcacaatgc gcgcataaac ccaccatccc ctggtgcccc 120
cctccaactg agctcacgta ctcccacgta gcccatatcc ttgtttctct caacaccggg 180
gtcccatcaa tcttcccaag cttccacaat atccaaacaa aacaacattc acacagcaca 240
agctatcaca gccaaagcaaa acagagcaaa ggcagaaaac tctgccccaa caccaaccaa 300
aatcacagc tttttccact caaagacgcc agtaacaatt ccttctatcc aattcgtaaa 360
ccgttggtac gactccacaa atatactgga agtctatagg gcataaccta cattttgacc 420
gttggaact actagcaaac atccagaact cattctacat tactctttcc caaccagca 480
aaacatggat ttt 493

<210> 2682
<211> 194
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2682

tttaattgat acttcatatt tcttatagga tgagtaatcn ggtttatggt caattaacaa 60
ctttattatt aatgcggcat attatacagg gggaaataca agatcccacg agtcttcgcc 120
ttacatgtcc cttcttcgcc ttaagcatac aacaccacac ttataatctt cacgtctttc 180
ttaggagcta taac 194

<210> 2683
<211> 399
<212> DNA
<213> Glycine max

<400> 2683

gctttcacia catccaagca aaacaactat ttttacagca caaactacca cagccaagaa 60

aacagagcac aggcagaatc acagcttttc tcacttataa accccagtaa caattctctt 120
 cgttccaatt cggtaacccg atggaatcga ctccgaaaat tttacctgga aggcctctaa 180
 aacctcaagc ctacattttg accggtggga tctactagca aacatccaga aatcattctg 240
 gactactctt tccacagcca aatacacaca agcatttttc tgcacaaaag caaaaacctg 300
 ctgcacccta ttttgacagc aaaatactgg ataagcgcag aacttgaaaa atacaccttc 360
 ccctatccag atcttgccaa atcaaacct acaagcccc 399

<210> 2684
 <211> 184
 <212> DNA
 <213> Glycine max

<400> 2684

aactaaattg tttggacaat attattttta actaacttaa actaatattt aaagttacta 60
 ctcataagga agtatgggcc ttgattaggc tcatctaadc ttcctaatta aactaattac 120
 acaaagcaaa gtccaaattc acaaccaat tattcatcaa gtgcagaggt tctgacttcc 180
 aagc 184

<210> 2685
 <211> 449
 <212> DNA
 <213> Glycine max

<400> 2685

agctttttgt tgcgttaaat ttcttaaatt ttatcacaaa ttcaaacct taagccaccg 60
 ggtcaacaat agaatctttt tattgctttt tttctaaagt tggcacaaaa aaacagatgt 120
 tcaattatgt gggtagataa ttccaccaac aaaattattt gttaaatgta actcaatctc 180
 tcacagtagc gtaagatcat attatattta tatgtggaaa aacaatttat ttaataaaaag 240
 aaattatatt taacttttat cgcagtgttaa actttattta attaacgacg aatatgccat 300
 tgcaacggaa ttaatctatg accaaatgat ttgaaagata tctatgattt ctgatttagg 360
 ttaattaa aaaggaacca ttcatatttt taattattta taacttatat taactaaggg 420
 aataaaaatt tcaattctat tctcatttg 449

<210> 2686
 <211> 177
 <212> DNA
 <213> Glycine max

<400> 2686

tgagactttg agaaaggagt atgacagata tgagcctgag acttttagga aagaacagag 60
 tagagatctg ctacaagaaa agcatttaaa ttctggagat gaccgttggtc attcctcttt 120
 atccccattgg ccagcatata caagagaatc tccttcagca gattgttttag ctaaattg 177

<210> 2687
 <211> 304
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2687

atgcaagctt ttttgagggt gccttattgt gtgctatattt accttcctga aacaacggtt 60
 accttaacct tcccccaaatt taggggcata tcatgactaa aatccttatg ctctcttaaa 120
 ccctaaaana aggtacgaga ttattaaagt tgccttatgg agtttacaaa aaaacatgac 180
 tattattttt ggctcaaata acgtgcgaag gatataaatt atcattcagg gctgggtttt 240
 tggccaagtg gctgaaaata agaagaaaca aagccttgat cattttcacc tcatgtaatt 300
 tatc 304

<210> 2688
 <211> 198
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2688

cttcttttgt atgatatgat gataaaattg ggntggtaac ttactaattt tcaagaaaaa 60
 tatggacttc ttgtggatac aagatcataa atgttctgaa agttgcaagt tgaaacattt 120
 cttgttgtgt cccctgaaca taacctcaac ttctacatta aatgttgac aaacagggtcg 180
 atggtcagag aacttaaa 198

<210> 2689
 <211> 1042

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2689

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gtgggggtga tagatattag atgataagga atgtatggta tattgatgta ggattatgta 60
aataagtgta tcnaaataaa tgaaagagna cnttgtggct ttgagaacct tgggagaaac 120
cgcgcatntt ntagagaaaa aacccgccga atggtagaat tgatagaaaa atgggtataa 180
gtatatatat tatattgggt aagtntgtgg agggggggag tgagaaaaat attatagtgt 240
aaatgcatg agatttatgt ttaatgtgaa gaaaatttgt gttaaataaa agtaaaaaga 300
tgtgaaataa tggagaattt ttaattaatg ttaggtggaa gatgatattt aaataagtat 360
gttaattata gagtgtaggg tgtggaagga gattaaagta tggggattat ggaggtgagt 420
gaagatttta agatagatgt gttgggaatt tgtggagttt ataagttag gatgtagaga 480
aaagaattat gaaagtattg tattaggagg agtggataga ttattgtgtt tgggtagggt 540
agaaaattta aaataagaat agagtgagaa atataggtat tagttgggag atagatgata 600
gtgatgtggt ggataaattt gataagatgt tggatgatgg atgaatgata ggtggcgagt 660
gaataagtaa atatttttgt agagtgaaga gagtttgatg attgaagtag agaagtatag 720
ttagatgaat gtatataagg tagttgagtg agaagtgtg atggaaatat atatgagaat 780
tgtagattga attatgtgaa gtttaaatgg tggatataga atttatgtga ttgatatatt 840
gatgatttat attgatagtg ttgttgtgng gggtattgaa agatggattg agtataggggt 900
atattgtatt attagtagtg tgatacgtat ggtggttatg tgaagaggat aaagagatgg 960
gaagactaag tgaaaagttg tgaaaaatgt tagggatgtg atgtatttat tgtggatgaa 1020
gttatggatg tagtgagata ag 1042
```

<210> 2690
<211> 164
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2690

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aaanaaatag taatgattta tagttagnnt agttataatg aaggaagtta naagtttgtt 60
tggatataga aaaactagtg aatgaaatg atattaaaag agnagataat gaaaggtaag 120
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ataanttttag ttttaatgaa antgatagtt anttttnatt agta

164

<210> 2691
<211> 925
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2691

nnttgacacc cnnatttaag tcctcgaach nntttgtntt ggaagtgcga aaaccanccc 60
ncnnattagt nnnnnnnnnn nngtatnnan ngtttagtatt tttttatttt aaagngaatt 120
aatataggtg tgggggtgat gtttatagtt ggatgaaatg gaagaatgat aagaagaatg 180
ataaataagg ggagggggaa gaggtatgat aaagaaatga ggaangttaa tggtagaaaa 240
tggaggggtg atgtatatag gagaagtagg gtggggaata tgtgaataaa aataggagaa 300
aaagagatta gggggatgtg taaaaggaga atgagtgtgg aggaaaatgt attttatatg 360
gaataatatg ataatttgnn ttggaatgta gtgttatatg gtttagatatt atgaggatta 420
aaataagtta agtagagtgg taggaagagg tagtaataat gtaattgata tagttgttgt 480
atgtgtatgt aggggattga agatgttttg aatgtattgg ttagatgaag tgtatgggtg 540
tatggatata ttgagttatt gatatatgga ttgatgaatg attgtatagt gttagaagat 600
ggtatgaaga gtaggaataa ggggaagatg tgttgagaga agaattgatg ataataaata 660
agtggaagtg aatgtaaata gaggtaatta ggtggattgt ggataaggaa tattttgatg 720
gtaagtttga gttaggattg gtgatgtaat atgtaaatat gtgatgatta taattagagt 780
tatgtatagt ttatgaatgt gagagaatta aattaattag gatgtgggtg tataaggtag 840
ggattgtata tagttggtat gtataaagtt tattggataa aaatagggtg agtttaggta 900
tggaattagg aaagtaagtg gaatg 925

<210> 2692
<211> 781
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2692

nttgaacact gatngcacgc gatngtgagn tacatgtcta tntnattgaa atatgtattg 60

gtaaanntnt ttgtttgatg tggggaaatt ggaggggggg gatatttggg gtggatagga 120
 ggatactata attttttgaa gagatggggg tggataatga gnagagtggg tatagggaaa 180
 gaaatgttgg attatttaag tatagatgag aaagtagttt aaaaaaattt gaacgatatt 240
 tatgatatta atgaaatttt aaaatttgat tgttgtgagg ggttggaaaa gagaaatatt 300
 cttgaatatg gtaaagagtt tttgatattg aaatattata gagatgaaaa taaagggggt 360
 aagattagaa ataataataa tagttgtatt attaataata aagaggggaag gttatttcta 420
 gatgaagggg ttaggataaa aaggagatta tgatatttgg atggagaaaa aaagagatga 480
 atatagaaaa taaaggagat gatgagatgt aaaagatggg aagtatgttt tataaagatg 540
 tgtgagggaa taatgttaaa atatatatat aatggaaaaa atgtaaattg atggagataa 600
 tataataaat tatttttaggg agaaagaggg ggtgaattgt atgtagaagg aaaaattggt 660
 gtgtatgtat tttatagatt gagtgttaatt agatataaaa gtaaagaatt atatatatag 720
 gttgatatta tattgattat aaggaattat aaatgagaat tgaaataaga gtagatgtaa 780
 g 781

<210> 2693
 <211> 146
 <212> DNA
 <213> Glycine max

<400> 2693

ttatttaaat gaatttgggg ttgggggtaa atcttaacat agttttttcg atagataatg 60
 taatgtgatt tgtataaaga tgttatggga atgttgtaac aatgctttta aaacttattg 120
 atatattctg agagggttga tgtaat 146

<210> 2694
 <211> 186
 <212> DNA
 <213> Glycine max

<400> 2694

ttgtaatacc aatatcaata attttaatta tattagagat aattgcactt aacgtgacag 60
 ggcacgctaa acgcacaaaa aacaccataa attttctaatt ttgtctatga aaacaacata 120
 tacttcgtct ttagacgtaa cataaccgcaa cttatacgaa ggtcataatg catattgaac 180

ttttac 186

<210> 2695
 <211> 171
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2695

gaacgaaggg gaaaaagaga ctatgtatgt ttacttgccg cgaattttatt cttcagcaac 60
 gaaagtcccc ccatagacta tggatnatgg actgattggc gcttgaaggg acatatgtga 120
 tctgttggat atataatgac gagaaaatgg ttgaaagaat gcaaagaaag g 171

<210> 2696
 <211> 408
 <212> DNA
 <213> Glycine max
 <400> 2696

agcttgagta aatatcttga ggaggccaaa ctggtctaac aatatactta aaatcaattt 60
 gaagtcatat aacatttgtg attcaaatac atgttataca aattggtttt ataagtattg 120
 gcattacaaa agtaagtacc aaatgaaaca caaatattac atctatttaa actattgctt 180
 ttcatctctg gaagaagtca cccaaaataa tcaattcaga gctaaaaaat ttaactattt 240
 cttttttaat ataaaatcta actaatcatt ttgccccaaa aaagagggaa aaccccaccc 300
 aaagtataag tattttatgaa caacaagaat ttcaataaat attttttttt aatttgagaa 360
 attttaaaaa attaatcga aacttgtaaa aagaaaattt tttccac 408

<210> 2697
 <211> 204
 <212> DNA
 <213> Glycine max
 <400> 2697

cttgaaaaat atgctgagga gtgcgttatc tgcgataatt gatgaaatgt attcaacttt 60
 cataaaggac agacatatcc ttaatggaat tctgatcctt aatgaagtgg ttgaggaaac 120
 tttgaagaga aagaagccag ttatggtttt caaagcggat ttctaaaagg cctatgattc 180

tgtatcttgg tcttttttgg atta

204

<210> 2698
<211> 212
<212> DNA
<213> Glycine max

<400> 2698

tcaagctttt ggaatataag ctgaggagag tggtatctgc gataattgat gaaaggtcct 60
caactttcat aaaggacaga catatcctta atggaattct gatccttaat gaggtggttg 120
aggaaacttt gaagagaaag aagcctgttc tggttttcaa agtggatttc caaaaggcct 180
atgattctgt atcttggctc tttttggatt ac 212

<210> 2699
<211> 481
<212> DNA
<213> Glycine max

<400> 2699

attgaaaaga tttctgcttg attgagtgc tttggcatgc catgggtatt ttggatcgac 60
cggaaggaga ccaagtttct ttaaagagag cgtactgcc agcaaaagct ggcttatctg 120
gatccaaggt tgctatctta ggtgctgctg cgctgggcct gggagaattg gacaaccct 180
tacgttgcta atcaactaga ttctgttctt cttctttatc tttatgatgc tgtgaactcc 240
cttggctactt gtcaactatg ttatccatat tacacttttt tgcagatgcc ccgaaagggtg 300
gcttttatat aagaggtatt tcttctcttg tatattcaac gaaaaaatat ggtagtactt 360
gaagtatagt gttacagatt tacaatatata aaacaaatta cctgggcaaa gagatttcat 420
tccccacta tgaattacct ttaaagggtc acacttctca cagtatatat acctttaacc 480
g 481

<210> 2700
<211> 194
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2700

agngcgtgga ccgtgccatg catgatttat tttttangga gcggntaaat aattagggtg 60

atgcatactt cttttaatta ttttaatatata agaaataaga atttttttatt ttttttaaata 120
 taagtaaatt ttaattatatt ctgtttttatt taatgaaatt ctctacaaaa cttctttttat 180
 ttaataaaaa taaa 194

<210> 2701
 <211> 405
 <212> DNA
 <213> Glycine max

<400> 2701

ttcattaagt gggattagag cacacagagc ttttaagtagt gctaaatggg gtttcttcat 60
 taatgataaa attaataag aatttaagta gcacaagaac tccttaaacc tccattaatt 120
 ttcagcttta ccttcccttt cattgggtggg tcttcatttt tctccctgta tctcctcaca 180
 tgtctaaggc ttaatgtttt taacatgata ttttagaatt tccactgatt aaacttgcta 240
 tacaagctag attttatttt ttatgggtca aatttcttgt tcttgaacca taaattgggg 300
 tgagttaagg tcctttgagc tttggattgc tattttttgt ggctgaaacc tgaatgataa 360
 aattcttata aaaccttta gtagaagaaa accctcaaaa atcta 405

<210> 2702
 <211> 1030
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2702

gatgtgggag agggangatg aggtgtaaga agaagtatga ttgaaagtgt gcatatgtgg 60
 agaagtatta tannccctcc aggaggggtg agtctgtanc actgccnnnt tgggaaaaaa 120
 gcccggccng ngagngggag gggnanngag gggggaagaa aggattaaga gttttttatg 180
 aaganaggag ggttgggggg ggggggggtg ggaatagtag tgataatgtg gggggggaat 240
 tgggtgggag gggtaagggtg tgatgggtgg tttggtgggg ggggtgagaat aaggataagg 300
 gggatgaagt gggggagagg ggtatgaggg agtggggaag ttgtgagact tatgannnnn 360
 ngngngnggn gggagnggga ggaggaggag gggaggaggg ggggaagagg gggggggaga 420
 aggggggggag gaggagaggg aagaggagga ggaagaggga ggggggaaaa gggaagagag 480

ttccccgagag tanaaacatg ggaccaactc attttatttc aaatatagaa gtcgtatcca 60
 gtcaagggtct gagagaccat acaagtttcc taacgatttc taattatgtg ggccattaag 120
 tctatcatat gctgacaata gccgagaagc ccatgaatct cttccggggg ggagtaggtg 180
 tctgccatcg tcttggcctt ggctaa 206

<210> 2705
 <211> 346
 <212> DNA
 <213> Glycine max

<400> 2705

agcttatgcy catacttgtt tacgaacgtt ttcttgc tca agacattttt ataactaaga 60
 aaaatgcgcc catattcaag tcaggcacct tcgctaccta gattatttat atgtacttcc 120
 aagggtggagt tggtagctac atttcatgca ctttcttggg taaatttaca tacaatgccg 180
 acttcaagca tttggggggac caaaaaatgc acatgcgcac attccggtat ttttaaaact 240
 tatgcatata caaactttgg gaggaactt ggctatctac acagttaagg gaaacatttc 300
 atggtttaat caagtgttcc aggaacctaa agccactgt catttc 346

<210> 2706
 <211> 202
 <212> DNA
 <213> Glycine max

<400> 2706

ctgagccaaa atcttgactc accgtaaacc ttgactcttg gtgtttaatg tcaatcctta 60
 ccctcggaag caaataatag aagagaagga aaatttccaa tctaaggaaa aaagagagga 120
 aaggaaattc ccaatcaaag agtggggagaa agcataaaga aaagaaagaa aattcctaata 180
 caaagaatgg gagaaagaaa aa 202

<210> 2707
 <211> 510
 <212> DNA
 <213> Glycine max

<400> 2707

agctttataa ccacaaacaa aaaattattt gttattagct ttttttaaaa caaaaaatat 60

gacatatgtt aataaaaacc atttcataca ctctgcaaaa ccatttcata cagtatttgt 120
 agtgtactct caatggaaat acacttatga gataacctct aatctttttt tatcagtga 180
 aaactctata aaaaaaggta aaacccaaaag atagaaactc caaggacctt ataagtccaa 240
 tcagctgagc ccactgagca tcaacagtac tccattgatc cccctcaata accaaaacaa 300
 tatgaaatac ggcatgtgag aataggggtca aagaggataa cattagcata gaccatgata 360
 tcaaagatgg ttgacagacg cgaaatcttg ttgcaatata gaaaaagatt cctacataaa 420
 taaagaataa ctagtatata gcatctacaa actagaaaaa gaaaggccag tgatgaatga 480
 taaaaagaat aataaatctt tatgtccaac 510

<210> 2708
 <211> 198
 <212> DNA
 <213> Glycine max

<400> 2708

tgaggataga gacttcccaa gctattttatc ttctctctca gagaggctct ctaactttct 60
 agctttctta ctctaagaag tggattcact cttgtcttgg atcgactcac tctacggtgg 120
 ctcaactcaag cttgaggata gagacttccc aaactattta tctcaaaaat cctcccaact 180
 acttcaaaaa tttccttt 198

<210> 2709
 <211> 497
 <212> DNA
 <213> Glycine max

<400> 2709

agcttgtagg attatgggggt acccatcaca tgtggtacta agtggcgggtc gggcgatggt 60
 gcacaaaaag tttttcacat ccacaaagcg cgcataaacc caccatcccc tgttgccac 120
 ctccaactga gctcacgtac tcccacgtag cccatattct cggttctctc aacaccgggt 180
 ccccatcaat cctcccaagc ttccccaaca atcaagtaat tcaacaataa aacaacacaa 240
 actatcacag ccaagaaaac agggcaaagg cagaaaactc tgcccaaaac accaaccaaa 300
 atcacagctt ttctcactta aagaccctag gaacaaattc ttcgttccaa ttcgttaacc 360
 ggtggatcga ctgaaaaatc ttactgcacg tctctggacc ataagcttac attttgaccg 420

ttgggatcta ctagaaaaca ttcataacta attctgcact actctttcca cagccattca 480
cacacaagca tttttct 497

<210> 2710
<211> 197
<212> DNA
<213> Glycine max

<400> 2710
tttgtatggg gcttaatgct tgatattacc aacaaaattc aatctcagca acagaaacat 60
tcctttggct gaggaggata cgcggtgccc attgtaatgc aactgaggag agtgaaaatc 120
acaagttttt tgcttgctgg ttctcatcac aaatctggaa taaatgttat aagtgattga 180
gagtatagat ggtacaa 197

<210> 2711
<211> 318
<212> DNA
<213> Glycine max

<400> 2711
agcctgaatt gacggatctt tttgtgagta aataaataat aagaagtcca ctttgactgg 60
tgcatttttg caaaatgtct taatggagta acctcaaact atatgttttg ggcttaaact 120
aactaacctt tactttttca agaaaccaa atcttcaaaa tcacgatcaa gacctaactt 180
tgaaatgaaa gacgctcctc caaagaagca aaagcagtgg caatgaaaac actctaaatg 240
cttaaagctg taagcaaaac tctctttctc tctctttctg tggatgaatt gtcaacctga 300
gagtttactt aaactagt 318

<210> 2712
<211> 204
<212> DNA
<213> Glycine max

<400> 2712
tcctgtggat gaggggataa gatgggacga atgtgttaaa tagaaaatat agaagaaagt 60
ttacgatgaa aatcattttc tttggtagta cataaaaccg aattgaagga taacaatttc 120
tttttttact gtgtcttcct tgcctttttt ttatagaaaa atgttgtttg caatatttgt 180

gaagtatcct gttacaaatt acaa 204

<210> 2713
<211> 340
<212> DNA
<213> Glycine max

<400> 2713

agcctgctct aaatttacat tgatgtttgc atttattgga ggaggttgta tgtcattttt 60
gttttaagag tagtgtccca ctggtaaaac taacttttcc aatgtttgcc ctgcgaggaa 120
atggcccccga ggaagcttgc ctcaaagagg tccaggaagg acaaagcagc cgaaggaact 180
agttccgctc cggagtatga tagtcaccgc tttaagagtg ctgttcacca gcagcgcttc 240
gaggccatca agggatggtc gtttctccgg gagcgacgcg tccagctcaa ggacgactag 300
tatactgatt ttcaggagga aatacggcgc cgccggtgag 340

<210> 2714
<211> 208
<212> DNA
<213> Glycine max

<400> 2714

tgttgtgcac catcgcccca ccgccaccta gtaccacatg tgatgggtac cccataatcc 60
tacaggcttg agatgaggaa gtgttgaagg gtgaaacttc ctgcttttat tgttgaccac 120
agagtggtag ctggagatat gtcgcggggg tcaggagacc ttggggacgt caggtggggg 180
gctattgccc aaaatcaagc ttgaccaa 208

<210> 2715
<211> 901
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2715

tatattgggt atttccttac atctgcgtct cgggtgaatg cttcgctatg gccgttttta 60
ttaacaacaa aacgtcaatg gttctaataa attctgatac tttttgggta atatagttgc 120
aaccctttgg ttcataataa cagccttgaa ttctttaact cttgtacatt ggctaaattt 180

gagcctgtgc ataaaaccca tcctttgtat agtcactaac accaattgtg taaaccaa 180
ctccatcagg atacaatttt gaatacccat tccacaatcc atactgccc aacctacaag 240
ttgaggaaaa aaagaaaaat ctaagaacag atcaactgac atctaaagga aacattttca 300
tacaattaaa aggataataa gcacagttgg ataaagattt atcattttca tcattttcatg 360
gtggagtaat aaaatgtagc acacatccaa aattagcaaa tccattaaag ccatataagg 420
acaaacaaaa a 431

<210> 2718
<211> 203
<212> DNA
<213> Glycine max

<400> 2718
taatcagctg atcaggaaca tagtatataa tatgcggacc tataactaaa attaagagaa 60
atgtgttgta ctttaaatat gatagtcata tgtgggacct ttatatacaac atgagatttt 120
tttagtctta aaaaattaat aacatttttt tattgatggg tttaaagttt aaatttttagt 180
tattttatca ttaaattaat ctt 203

<210> 2719
<211> 894
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2719

gcgacctgtc tgtagctaaa caactcaccg atttggtaac acttctactt aaataacaca 60
ttgtacattc gtatctcatc cttactcaaa nncagacnn ttgtgacctc ttgtaccgcc 120
gacctctaca tcgacctgcg gcacgcaagc ttgcagcaca atcactaaca acatagtatg 180
tgtttttgag caagaagcct cctaccaga tgacgagctt tgcaggcttc aaaacatgtc 240
ggaagacgac cctgaagata ctaatgaaac ctttgcggaa ggtgatggag gtagacaaaa 300
actaaatgca caattacttc aacaactagt cttggttgaa ccaaaccagg aataatgcat 360
attaactgaa aatgagaaca aaaatgactt ttatgatata gacacttttt aggaaaacca 420
tacatttaaa gtgaacgcgg ggcctaactt aacggggacc aatactttac acctggatgg 480
acggggcgat gtatattaac acattttaca gccatctcaa ttgaaagaaa acctaccatt 540

ttggccgcac aaaacatgct aagaggggggt tcatataaga ccaacttaaa ctgttaccaa 600
acacatatgg agaagggaac tccctattaa ataaatgcgc cttaaaggaa aggccgacac 660
cctcagatca ctctccaga cggacggcct cgccaactca acatctaccc ccacctcccc 720
gtttactacc tcaaagcact acgctcatte tcttcaacaa cagataaacac cgcttctcat 780
cctacctega taacacttta ttatatgtat ttttttttat ttatccccac ccccatcacc 840
cccccccgcc ccccttgta cccccctat taattgagtc cccccccccc cccg 894

<210> 2720
<211> 206
<212> DNA
<213> Glycine max

<400> 2720

tacaaatcta ttttcagtc aagaccataa accagataaa attttatatg gacaagataa 60
gataatattg gatgaaataa aatctggacg aaataaaatc tagatgaaat aaaatcagga 120
taagataaga ttgataaaa taaaattgtc tgctctcttc aattccaagc ccaattctga 180
attcaagtcc aattacttat aattct 206

<210> 2721
<211> 315
<212> DNA
<213> Glycine max

<400> 2721

agcttctgtt ttcaattacg agcgtcttga tatattatgg gactgaatcg cacatccgag 60
tcaaaagttt aatttcgttt gaatttgctt agagcttatg ttttcaattt cgagcgtctc 120
gatatactac gggacacaat cggacattcg agtcataagt tattgtcgtt tgaatttgct 180
cagagcatct gttttcaatt acgagcctat cgatatattg cgagactcaa tcggagatcc 240
gcgtaaaaag gtattgtcgt tcgaattttt ttagagcttc agctttcaat ttcgagcgtc 300
ctgatatact acggg 315

<210> 2722
<211> 489
<212> DNA
<213> Glycine max

<400> 2722

cagctttttg caatactaac acgaatacat aatttatata aaaaaatatg ctgacacatt 60
aattaacatt ctaatggatt aatttagcca tataaacatt taaaaaacta atgtaattat 120
attctaattc tcaggaaaat gtatgaagac tttatttaac atatatcttg ctttaaaaat 180
taacttacaa aagttccaat taaaaaacta ttatagaatt tttttgaagg ggttttacct 240
agcaccaaat gatataattc tggataaata tgaaaccaca ttgaaaaaat atataatttt 300
tcataactgt tttttcttta aaaaaaaaaa aaactaattt cttcttggtc cctgaggcac 360
ataggaataa ggcgacgcat aaaatttcaa ccatcgaaga ttgatagaaa ctactttcca 420
ttgggcaaag ttttgcctt aaaacactta taatttttct tttttgaggg atgtgtttct 480
ttttttttt 489

<210> 2723

<211> 202

<212> DNA

<213> Glycine max

<400> 2723

ctagagtttt tctttttgtt aaggcttcgc gacttttgtt gttgaatata taatacaagg 60
atctttcttc atttggtcct acgtctctac ccattctcat tcatttgcac gtatacttct 120
ttttctgaaa cggcagatcc gatgacgagt cccccgaagg tactaatacc tgggaccgcg 180
ctatcgactt cgagcaagaa at 202

<210> 2724

<211> 512

<212> DNA

<213> Glycine max

<400> 2724

agctttcacg atatccaagc aattcaattc caactatcat gaactaccct caaccaagaa 60
aacagagtag aggcagcaaa atctgcccac aacacattca catattacag cttttcttac 120
tcaaataccc cagtaacact ctcttcgttc cgatttggtta accgttggtat cgacttgaaa 180
atgttactgg aggttcctag tacataagtc tacattttgg ccggtgggat ctgctagaaa 240
gtgtccaaaa cccaatatgt actaccttcc ccataaccag caatgcacaa gaattttctg 300

cacatgttga gcaattctgc tggacaaatt taacagcttt ttgctgcaca aattgggaga 360
 attcgaaatt catcctaccc accatccatt ttgctcaaaa tggaacctac aagtcctaaa 420
 tcatgtataa atcatattta aaccaaaaac aagcttcaaa ccaaggaaat tcaaaatcta 480
 cggatctaaa acccataatt gagggaattt tc 512

<210> 2725
 <211> 1151
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2725

agacatattc gcaactggaca gtaagtcgga agaaatctgc attcacatcg aggatcgatn 60
 cgtgtcacgc atagaaatgg aatgatctgc cttaatantc accccccccg acaggggggtt 120
 gatagcttga atacactaga aacnatcgaa tacacatgcc aggaggtact gatggcgatg 180
 aaaagaataa taatagagaa gattaatggg ctaactcttt gaagaataag ggaacgtgaa 240
 gtcaggtaca actaattgca tgttgagtgt gcaccagact aactgtggaa tgacagaagg 300
 tgaactaata gcgaaaagaa aacgcagaag aagggtgaag cgataataat gtgaagagtt 360
 taaggcgcaa actaattcac agttgcgctt ctggnnnnnn gagagaaagg gagaagaaga 420
 aggagaaaga agaagaaagg aagagagagg gaaaggaagt agagaaaaag agaaatgaga 480
 gaagaggaag aagnaanaagg agaaggagaa gaggaagaaa agaagaagtg gagtgaaggg 540
 aggaagatag agaggggaaag agagaaggaa gaaaatgaga ataagagatg tagtgaagaa 600
 gataaatgat aagagtgaag gtgaatgtgt gtgatgagtg agaaaagtta tataggttgt 660
 gaagagtaga gatatgggtg agatgtgtgt gaggatagga agaggtgtta gagagtagtg 720
 atagagaaga aggataaatg agataggata aagtgaagat gaaggagaag tagaaattaa 780
 tagtttatag attagaagtg tatatatgat gatatttaga ataggtagag ggatgagtag 840
 taatggagaa tgtgaaagaa gattaagggg tgaaatgaga gaaggaagag tgaaagagaa 900
 ggaagagaga ggagtttagta aagtgagaag tatagtggga agataagagt gaatgggtag 960
 aaaaggaggt tgaaaggaga taatatagag gtattgagtg tgatatgtaa tagaaangag 1020
 cagatggtga ggatgaggtg tagagggatg aagtacatgt gaatntaggg gagatgtgaa 1080

aaaggaagat attgtgaaga gtagtggttat aaaagttaat gtgagatgag atgagttgag 1140
tagaagagtg g 1151

<210> 2726
<211> 517
<212> DNA
<213> Glycine max

<400> 2726

agcttatttg attatggggc acccgtcata tgtggtacta ggaggcgatc gggcgatgac 60
acaaatcaac tatcccat tccaaaagcca ggcagaagct ttcacaatat ccaaacaatt 120
caattccatt tggcatgaaa ctaccttaaa caaagaaaaa cagagtggag gcataaatct 180
ttgcacaaga ttcattcaaa ttccatagag tttttcctac cctcatacct tagcaaaatc 240
ctcttcgttc cgattcgcta acctttggat ctcttgaaa aattaactgg gggttcctaa 300
tacagaaatc taaattttga ccattgggat ctgctaaaga acatacaaaa cagcaaatat 360
actacccttt cccgtgacag cagaaactag cactgcacaa ccattttttt tctgcataat 420
tgggcagaat ttgctgcaca atttgacagc cttgctgcat aattttggca aatttttaaa 480
ataagctcac atacatcaa ttccactcaa attggat 517

<210> 2727
<211> 201
<212> DNA
<213> Glycine max

<400> 2727

tgcatcagct ccattcatcc atcttatctc tccccttttt tatatatttg attttaagtg 60
gctgcgaaga aattgaaagc cttaatgttc attcaaaatc tctcaatgta ctgagactca 120
gaggatggtc atctctcaag gaattttcag tgacatcaga ggaaatgaca catttggact 180
tatctcagac tgctatacgt g 201

<210> 2728
<211> 383
<212> DNA
<213> Glycine max

<400> 2728

agcttcatga tgattaacca agcaattttg atgatgccta aagcccaagt gattgattca 60
agacttcaag atcaagcttc aacaattcaa tccaagattt aagattcaag agaagaaatc 120
aagaagcaac aagtcaagac ttcatatatg ataagtatta aaagatTTTT caaaaaccaa 180
atatcacagt ttttgTTTT caaaagaatt ttctcaaatt ttctaagtta ccagagtgat 240
tactctttgg taatccatta ccagttggca agaatcgatt accaaggacc tatttggttt 300
tcaaaatatt ttttaagtggt ttgcaatggt cccaaatgat tttcaaaata ggtaatcgat 360
taccctatat ttagaattga tta 383

<210> 2729
<211> 199
<212> DNA
<213> Glycine max

<400> 2729

ttccgcaaga cttacggaaa gatcttagag tcgaccttat cattagtatt catataagtc 60
attgcatgac tcaccaata ctacgaccag cctttgagat gcttcacatt cggagacttt 120
caattagtac caaccattga aaaatttgag gaaattctaa gatgtcctct cgagggaagg 180
aaaccatatc ttttctccg 199

<210> 2730
<211> 477
<212> DNA
<213> Glycine max

<400> 2730

agcttgtcca aggaaccctc atcttgggtca ttgtccaaag cactgagtgt ggacaaattt 60
tcttatcaag aatttgatga ggatgaggaa ctggccttca tcttaagaaa gatttgaaag 120
atgtggaaga acaagagtgg gttaagaccg aactcctcca aaaagggtgtt caaagagaat 180
aaaaacacgg aaaagagctt cataatatga tatgagtgtga agaagcttgt acacttcaaa 240
tcaaaatgcc taaaactaga gaagtccaag gacaagtaca agcattacca gtccaaaagt 300
ctcatgagca gttgggagga catggacaac acccccttta atgaaaaagt agaaggggaa 360
gccaacctat gtctgatgga tgatacaact ttctgaagag tcagactcag aacaagagaa 420
agggagattt tgatgaccct aaatcattaa gacaaaccta tcataaacta ctttcaa 477

<210> 2731
 <211> 202
 <212> DNA
 <213> Glycine max

<400> 2731

tccccgtggc ttctttgaga agctagatcc ttatctaccc ataccotttt attaactaaa 60
 ttaacctcct tgaaaataat tacggataaa aataacacaa caaataatca aacatcaaac 120
 ataattacta ataatatata tatatatata tatatatata tatatcaggg tgttacactc 180
 aacattctct gtctttatgt tt 202

<210> 2732
 <211> 522
 <212> DNA
 <213> Glycine max

<400> 2732

agctttgatg atatgggctc caccgacgaa atgatcaaag tgagtctaaa aagaggcaaa 60
 tttgatcatc atactttgat aaatggcaaa aaaaactaag gcaagtgaag aagatgagaa 120
 ggagggaaaa acctatgctg ttactgccat ttttatacga ccaagtttca caccaacca 180
 acaatgtcat tacttcagcc ataacgaccc ttctcattac ctaccacca gtcattccaca 240
 aaggccatcc ctaaaatcaa ccacaaagcc tacctaccgc acttccaatg acaaacacca 300
 cctttagcat aaaccaaaac acccaccagc aaatgaattt ttgcagtga aaagcctgta 360
 aaaatcacc ccaattccag tgtcctatcc taaacttgct cccatatcta cttgataatt 420
 caatgggagc cattacccca gccaaaggta ttaaccttca tttttccaga ataccattca 480
 aacgcacgtg tgcttgtagc gaaaaaccct ggggcgttcc at 522

<210> 2733
 <211> 1060
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2733

agcaccgggg gtttganncc catgagacgc cacgnctatg ctacgccgac acatatagac 60
 atcgctcaag tctttatcta gcacggcgctc tacggaggac gaagggccat agttggtcgc 120

tcatgtatcg aaggatgaat gtgtcccgag taacgattaa gactttgtgt actgaactat 180
cgaccctcac ctgatcttct catgctgtgg caaatcagtg cgagatggag cgaacgacca 240
ctgcgcattg tacagcaacg tagcattaat gtagcatcct ttacgcggtg ttaaacaatgc 300
tctattgctc gggcactgag gcccognnnn nnnnnchnann ntnnctnnt nttnagtga 360
gattcaattc cagtatatata taaaatgttg ttctgaatat tattattggt gttgtaggtt 420
atattatctc ctttatgttt tctttctcgt ttgtttcttc ttttttaata cttacttggt 480
tttcgttatg agtttacatt gttgagtga tagcttttat gcttgatctc aattacaatt 540
agtggtctta ttacgtatt gtttcattaa ttaatgtccg acaattctag tctggagtgt 600
gatggaatct tcttatattc gtttatgttg tctgattgaa ttcggtatta ttaatagtta 660
attcttgact cttgtatcta gtattatatt ctgcgtttat ctatctatct attctatatg 720
tttagagggt agtgattatt cgggatttat ttgtctctta ttgttttggt cttttattat 780
catctcctat atttaactat cacgtatctt atcgtctgtc gaattcttta ggagtgtgt 840
atcgattgtt agattctcat ctttatgaat atctagtga cgaatcgact tatgttggtta 900
gaattatcat gttcgaaacn ccgaactctc ttctgttcat ccttgtttat gatacttatt 960
ctantcgtat gcnacgtatt gcactgattt cttagtgtgt gttatatgtc cgacgtcata 1020
ctagtcgaca gtgccgctat aatncattcg tatgtcaatn 1060

<210> 2734
<211> 309
<212> DNA
<213> Glycine max

<400> 2734
agcttatgca cggaaaatgt aattatgaaa ttgtgacgcc ccaagaaaca ccatttccta 60
gttaaccatg cattaagcac catgctcaaa ttattttggt attaatgtaa acgggtttat 120
gatcccaaca tgggttggtc ctaacacatg aaactaagaa tgtagcgcca agttccacac 180
ttccccctct ttgtttcttg ttctgtacac gaaaacgcaa ggatgagcca acatgataac 240
aaatggtatg caattttgca gatcaaaaag attgttgaac gcatatgcat gatgatgcca 300
tgacttatg 309

<210> 2735
 <211> 201
 <212> DNA
 <213> Glycine max

<400> 2735

tgtgaccatt tgaataactc aagagcttcc attgttcaat tttgagcgtc tcgatatatatt 60
 atgcgcctta atcggacctc cgagtgaataa gttatgacca tttgaataac tcaagagctt 120
 ccattgttca atttcgagcg tctcgatata ttatgtgcct gaatctgacc tccgagtga 180
 aagttatgac catttgaatt t 201

<210> 2736
 <211> 454
 <212> DNA
 <213> Glycine max

<400> 2736

agcttctccc ctatcttctc ataataggg gaagaagtga agaagaaaag ggctcagccc 60
 cttaggcact tctctctctc tctcgaattt gctgaggaaa attatcttcg tgaagaaaat 120
 ccaagccgag gcgcttccgt aatgtttccg taacgtttcc gtgagtaatt acgcaagat 180
 tctcgaccgt tcttcaagat tcatcgctcg ttcttcggtt tcttcaatct tcaacgggta 240
 agtacctcac accaagcttt tcaattcatt ctatgtaccc gtgggtgggtcc acattttggt 300
 gcatgtattt ttattcttgt ttttgtctac tttttatacc ccttttgac gtgcttaagc 360
 cgtttattta aggcatctct cgcttaatct aaaaataaaa taaatttcca ccgaacattt 420
 gaatcgtatc atccgctaatt tttgggttaaa atga 454

<210> 2737
 <211> 446
 <212> DNA
 <213> Glycine max

<400> 2737

ataaaattta cacataaaga gtagaaccaa gagtctcatc attcttttct tattcactca 60
 actttactgg ctttcttttt ctttttcgat tttttttttt gctctgtagc cttttgagaa 120
 acagcatcat attcagcatg tccaacattt aaccaatatg caatgtatat caagtatggc 180
 tcaaaatata tcatgaagca tggccaacaa aacatgttat ccaatgaaac aaaaaccccc 240

acacttattc ctaaaacaat tccaaagctc caaaattcct taaggatatg gtgatatcat 300
 ggtttttcac ttaaggcttg tagtgagctt caaaacaagg aaagggaaac aaggctcaaa 360
 agggctatca aaggaattaa gtcaaggtaa gtccatttgg ctagaagctt ataagaacaa 420
 aattgcctca atcgtattca aatatg 446

<210> 2738
 <211> 537
 <212> DNA
 <213> Glycine max

<400> 2738

tagctggaaa acgaattgaa atacttgact taagcacaca atacaaagaa tagtttgcac 60
 tataatcaga aggtacggtc aaaagagtat tctttatgaa atattttttt ttatgagtca 120
 ttgaactata gagtatcacc atcgctaaga acaagaatct caaacaacca tactatctat 180
 gcaattaagg caaaacacca tactactaac atacccaaaa ttataagggtt cttataataa 240
 gtatacaacg tacatataag aagtaagaat ttaatagcta atacggatgt attaaaaaaa 300
 ttacaaactt caactactac attcatgact acacacaaaa taaagtgagt taagtagtca 360
 tgcgtttaca catcaagaaa gacatactca tccaagacat atatatgggtt caaaagggtt 420
 ttacaacact aatccacaca tcaagataga aataagttta ttaaccacat acaccgcaga 480
 agataagggc tcattaagca ttatccaccc atatcaaggc tttttgcatc acttaac 537

<210> 2739
 <211> 583
 <212> DNA
 <213> Glycine max

<400> 2739

tcacttcaat tgggtgcatgc taatatctgg ggaccatcaa gtacccttag ctttgggtgga 60
 agaagatatt tttccctctt cgttgatgac tacacctgaa tgatgtgggt gtacttcac 120
 caacaaaaat ctgatgcatt ctctagcttc aaggagtaca aggccttagt ggaaaagcaa 180
 agtgggcatt ccctcaaaat cttgagaaca aatcgtgggg gagaattcaa tgggcacata 240
 ttcatcaatt tttgcaatga tcatggcatc aagaaggagc tgactgttcg tcacactcca 300
 caacagaatg gtgtcgctga aaggaaaaat agaaccattg tggaaatggc ttgattgatg 360

ctacaacaca agaacctgcc aaagaatcta tgggcgaaaag ctgttagcat agcagtatac 420
 attctcaacc gttctccaac taaagaaatc ttaaatttga cgccatatga agcatgggtc 480
 aacagaaaac caacagttga tctttttaaa gttttgggat gtgttgctta ttgcgacttc 540
 ccaaggagaa ccgattaaag ctttttgaaa aaggagaaaa atg 583

<210> 2740
 <211> 450
 <212> DNA
 <213> Glycine max

<400> 2740

agcttagagc caattcaaac gacaataact ttttactcag atgtctgatt gagggccgctc 60
 atatatcgag acgctcgaaa ttgaatgttg aagctctgag ccaattcaaa cgaccataac 120
 tttttactcg gatgtctgat tgagtccgc catatatcga gacgctcaaa attgaatgtt 180
 gaagctcaga gccaatcaa acgacaataa ctttttactc ggatgtctga ttgagtcccg 240
 tcatatatcg agacgctcga aattgaatgt tgaagctctg agccaattca aacgacaata 300
 actttttact cggatgtctg attgagtcct cgaatatatc gagacgctcg aaattgaatg 360
 ttgaagctct gaaccaattc aaacgacaat aactttttac tcggatgtct gattgagccc 420
 cgtcatatat cgagacgctc gaaattggaa 450

<210> 2741
 <211> 375
 <212> DNA
 <213> Glycine max

<400> 2741

tcaacattca attttgagcg tctcggtata ttacgggact ctatcagaca ttcgagttag 60
 gaggatttga cgatcggatt ggctcaaaga ctcaacattc aatgtccagc gtatcgatgt 120
 gttactggac tcaatcacac atccgagtaa gaagttattg tcgatcgaat ttgctcataa 180
 cttcaacatt caatttcgag cgcctcgctc tattacgggc ctcatcaga catccgagta 240
 aaaagttatt gtcgatcga ctgggtcaaa gcttaaacat tcaatttcga gcgtctcgat 300
 ctatcacgag tgtctttcgc acatccgagg ccagaggaat tgtccccaga attggcgtag 360
 atgctgacat tcaac 375

<210> 2742
 <211> 446
 <212> DNA
 <213> Glycine max

<400> 2742

agcttggaga ggatgcttca atggaggaaa agaaagaggg agagaaagag ataggggaag 60
 cacgaaattg aaggaataaa agaggagag aagtggaact ttgaagtatg tctcacaata 120
 ctctcattca tcaaaggtag aacaagggtt ggtacacatg cttctattta tagactaagt 180
 agcttccttg agaagatttc ttgagaaaac ttccttgaga agcttatttg aaaaaacttt 240
 cttgagaagc tagagcttag ctacaaagac ccctttcata acaaagctca cctccttgag 300
 aagcttcctt aagaagattc ctaaagaaac tagagcttag cgacacacac ctctctaata 360
 gctaagctca ctttcttgag atgagaagct agagcttagc tacacacccc ctataatagc 420
 taagctcacc cccatgacaa aaaaca 446

<210> 2743
 <211> 145
 <212> DNA
 <213> Glycine max

<400> 2743

tgcactatca cacatgtgat cattagcaac atttagtaaa aagttcctaa gatcctttga 60
 caacatttaa aaaatgttgc caaatatgaa taaatgttac taatatgttt ttgcagcaga 120
 tgcgtaaacc cttgctgtga ctgcc 145

<210> 2744
 <211> 571
 <212> DNA
 <213> Glycine max

<400> 2744

agcttatggt aaaactaaca gcaatggaaa gtacagtttc actgttgaag gctttgacta 60
 tgtgaaaaat ggagcctcag actgcaaggg taaactccat gctccttcta aggattcacg 120
 ctgtttcata cccaccaagc ttaatgaggg aaccaaactg aaggtgaagt ccaaggataa 180
 aaatgaaggt gcgctcagag cttaaccatt tgcttatgct cctgaaaagc catatgattg 240

cgaaaagtcc aatcccaagc ctttccctac ttcttatgac aaaccatatt attagaactc 300
taccacaccc cctttaccct taccgcaccc acaccctcct tactactata agtcaccacc 360
tccaccacca tcaacatact attacaaatc tcctcccca ccttcttatt actacaagag 420
cccttcttca ccatcaccat caccttctcc atattactat aaatctcccc cgccaccatc 480
accatcacca cctttaccct actactatta aatctccct cctccccaca aagatccata 540
ccatcctcct tactactaca aggcaccctc c 571

<210> 2745
<211> 357
<212> DNA
<213> Glycine max

<400> 2745

atgtgtgggc accacttggtg atgaaggaag atccggtcat aagagggcct ttaatctcat 60
gcacatatat tgaattgtac taatatggcg tacttcacat acgctgaaat agcagccaat 120
cttgggcgct aatcaatcaa tgggtgttct acactctata accgatctag tgtcactaga 180
acttgctcac tgcttaatga actaagatcc ggctccatcg ccaaacatcc tatccaaaca 240
actcagctta caaagagaat gactgtcatt cagtgaacat gcatgtatac caaaaactaa 300
ccattactaa ctatccagag cttcttatac agggatcgag cggagttctt aatcggc 357

<210> 2746
<211> 292
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2746

agctttgaag ntagatatat tttattatta taatacatgt ttatctatct gttaagtata 60
ttttgtagtt agttaattga gacttatggg tgtatatcaa tgtttatact tactattttg 120
attagggttag tgcgtgtata ctacctaagg ttattgggtcg agaccgtacc cgaatcaaatt 180
aaacattaaa aatacagtat ctaggaagtg atcctagggtc atttccaac gagcaatgat 240
caaccaaaca ttcataacag ataatagtga aacagtaacg aattgggggg gg 292

<210> 2747

<211> 586
 <212> DNA
 <213> Glycine max

<400> 2747

tgatgatgtt attaaaggct ttgcactacc tctggcagta acagtgacaa agatgatcat 60
 aagtacgttt acaacttgac atcaaatttt acttgagatt ttataatttc tgatacttgg 120
 ttcacttggga cataacagtg gggagcaatt gatggaagat gaatctcaaa ttgatctaag 180
 gagaaggaag aaacttgttc ttgatggtga tttggaaaga caaatcaaag atctccatga 240
 gaagtaggtt tgaccagatc aaacttttgt ctgaactttg gagcatgatt taaattagag 300
 ccttgtcaaa aagaaattca gtctttttta tttcattttg tttacatcat tgggtacaaac 360
 attcttaaaa ggagtgaagca agatagatca attcatagct tttcaatatt ttgttgaata 420
 tcattatttg tactgtatct caattcatag cttttcttgt actaatttaa cccgagttta 480
 ataaattcca aaaattaaaa aaaaaatctc catattctac atcggttcaa ttataaacga 540
 tgtagaacat atcctcattc tacatcggtt aggcaataaa cgatgt 586

<210> 2748
 <211> 395
 <212> DNA
 <213> Glycine max

<400> 2748

agcttgccac tggagctgac ccatcaactg ccctaactct tttagatagg cgacccctca 60
 gctcttgacc ttgacttgat agaacctctt tttaagcgaa ggcatttgac ttgaacccat 120
 gttttactaa agtgaacaaa aaatggggcg aatcaaaact cgcacatcta tcatggggcg 180
 aatggatgaa tgcataaaga aatgcatatg acacagatgc aatttatgaa tacggggagct 240
 cgggaaattg tctccttctt aaatacaacg tcttggggta gtaaagtgcc caacgtatgt 300
 atttaagaag gtgacacaga ccctccggtg gtttggttaa gagaggggat caagacagaa 360
 cccgtgcgtg atgcatatgc gaaaggcaca acaca 395

<210> 2749
 <211> 446
 <212> DNA
 <213> Glycine max

<400> 2749

tacaatacc acgctttacc atatgtttat gtaagtcgca atcaaagtga ttatccatgc 60
tgcattgaat atagctgact gatggattac atactactta atgctcccca gtcttacttt 120
ctccgtgcgg ctgctgctat tcttccttgc tatcttatgg cctggatgat ccgcataata 180
cagcatcaaa ggcaaagaca agttactacc ctgtgcttat tctaattattg aagtatttgt 240
attgctttca tttcattttt tcttttttca tattttgatt aatcatatga tgccgtttgg 300
tacgccactt aagatgataa gatttaagtg aaagtaccaa taggaatgcc aacaacatat 360
ggtgcacatg gcgtggtctc tactaaaaac cttgaaagtt gatagtgatt gcggattaag 420
attttagaga tgggaaatgc ttttgt 446

<210> 2750

<211> 420

<212> DNA

<213> Glycine max

<400> 2750

agcttgccac ccagctcgcc caggcgagct catctcgccc aagcgagcaa ggttgcttcc 60
tccagaagca acagccttct ggaggaatct tctggagggc ccaagtgggc ctggttgcta 120
tttgaccccc catttttact aagtaccccc ccctgcatt ttttttggtta attctttttt 180
cgtaaagtta cggaaactta cgaatttcgt aacgatactt gttttctttc cgtaatgtta 240
cggaaccttg tggattacat aatcatcccc tttttgactt acggaatggt acggaacctc 300
actaatctg caacgatgct tccatttgat ttctggggtg tcacggaacc ttacggattg 360
cgcatcaatt tttcttttct tttttggcat gtcccgaat ttcacaaatt gcctaattgat 420

<210> 2751

<211> 588

<212> DNA

<213> Glycine max

<400> 2751

ttggtcaatt ctgccatctc gaggggtcaaa ttaagcttgg aagtcaaaac ctctgcactt 60
gaataattgg gctttgtttt gtgtaattag ttagattaga tgggcctaata caaggeccat 120
acatcacttc taatttatca ctctatatat tagtggtttt tagtttagtta gttacttcat 180

attgtaaaaa acaaaattag ttaacttattg tgcaagcttc cttttttctc tccttttctc 240
tcaattgttc ttcattcttc ttcattctctt cacttccgct cttccatttt cttgcacaaa 300
atctcatgtc ttttcattgg tgatgatcat ggagggctaa acaattaatc aatccaagga 360
tccactccaa gcaaggctga attttgagtt ctggtttagt atctttactc tttgtgaatg 420
ttcatctttc tcttcaatcc tattttcatt tttcattatt gtgattatgt ttaggattga 480
aaatgaatta agttatggat tcatttccta attcagaatt taatcacaga ttgtttggat 540
gatgttccat ttgattgaac tttttctaatt gcatttgact gaactttc 588

<210> 2752
<211> 522
<212> DNA
<213> Glycine max

<400> 2752
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tcggactctc agccacttat gatagccgcc gatgatccca ttactgcttc ccctaagctc 120
tctgtccttt cttcacgccg catccctgc cttgcgaact ccttgagta ccctcgcgtt 180
gtggtcactg aaacctcgtg cgatgaaagg cgtgatgctt tcgtctgatg gcaactcctt 240
catgggacat ccttcgcatg aagatagaat cctgattctt ccttccttct aacgagggaa 300
ccatttaaca gacgcccctc catgctagcc aagagttggg gcacaacaaa caattcttgc 360
gccgctcttt ttacatcccc ggtcgaacgt gtcatacatg gccaaaatgg cgacgaccgg 420
gcttttcttg ccatgatgaa aggcgaggaa agcgtcaatc gctgctatgt cactaacc 480
tttcatattc ggaaagaaga caactccaaa gatcataagc gc 522

<210> 2753
<211> 576
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2753
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atcatcctac taggacgact gagaaaactg gggcaaataa agaggggtgag gatgagggag 120
aaacccatgc tgtgactgcc attcctgtac gaccaagttt cccaccaacc caacaatatc 180

tttactcatc caataaactt tctccttacc caccacccag ttatccacaa aggccatccc 240
 taaatcaacc acaaagtctg tctaccgcac ttccaatgac gaagaccacc tttagcacia 300
 accannnaaa aaaaaaaaaa aaaaacctcc aacaagaagt gaattttgca gcgagaaaagc 360
 ctgtagaatt caccocaatt ccagtgtcct atgctgactt gctcccatat ctacttgata 420
 attcaatggt aaccataacc ctagccaagg ttcatacaacc tccattttctc cgagaatacg 480
 actcaaagc aacgtgtgct tatcgtggag gagccctacg gcattccatt gaacattgta 540
 tgaccccgaa gcataaagtg tgaagtctaa ttgata 576

<210> 2754
 <211> 509
 <212> DNA
 <213> Glycine max

<400> 2754
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 gtgattggta cctctccctt ctcttgagct taagctcgct gttactgccc cacagagccc 120
 ctcagaattt tttgcgccg tgttcttccc tacgagccct tttggtctct tgttccaagg 180
 ccttggtggt agctatattt acatctctca gttcggcatt ctcttttcgg atcttaagat 240
 ctggttgctt gaacctttct ttgactgttt gggcttgctc gacttttgcc ctaagggcct 300
 gcacctctc ctcttctca ggggccctaa cttccttccc ttttaaccgct ttcacaccac 360
 cgaaccaaac cacacctttc tttggggctt ccaaccctt tgagatccac tcgcggaacc 420
 cttgttgctt cctaactccc tctcgcccc tttaggctac ccccccagct tgccatacgt 480
 tctccttact ccccccttg taccoccca 509

<210> 2755
 <211> 465
 <212> DNA
 <213> Glycine max

<400> 2755
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 tttcatcatt gggggtgcca cctgtgctgc cagggtctc caccattggg cgtatgattt 120
 gcaagattca tggccctttt tgcacatggt ctgtagttgc atcctacgag gagccatata 180

ccaatgatac tgatactgcc taacaaaggc aaccattagg tccttccaaa aatggactcg 240
 agaaggtacc aagttagtgt accacgtaac aactacccca gtaagactct ctcggaagaa 300
 atgcctcagc agatcctggt cttttgcgta gtcccccatc ttctaaaaat acatctttat 360
 atggttcttg gggaaaggag tccccttggg cttgtctaag tccgacacct tgaacttggg 420
 aatgaccatg tttgtgtgct acgaacaact cttctatggt agtaa 465

<210> 2756
 <211> 508
 <212> DNA
 <213> Glycine max

<400> 2756

agcttgaaga ggatgcttta atggaggaaa aaaaagagag aaggggggag cacgaaattg 60
 aaggaataaa agaggggaaag aagtgggaact ttgaagtgt tctcataaga ctttcattca 120
 tcaaagttac aacaagtgtt acacatgctt ctatttatag actaggtcgc ttccttgaga 180
 agctttctta agaaaacttc cttgagaagc tttcttaaga aaacttcctt gagaagcttt 240
 ctttaagaaaa cttccttgag aagtttcttt gagaagctag agcttagcta cacacccta 300
 taatggctaa gtcaccccc atgacaaaaa aacatgaaaa taaaaaaca atcctactac 360
 aaagactact caaaatgcc tgaaatacaa ggctaaaacc ctatactact agaatggcca 420
 aaatacaagg cccaaaataa gaaaacaacc tattttacta tttacaaaga agagtggacc 480
 caaccttggc ccatgcgctc aaaaatct 508

<210> 2757
 <211> 658
 <212> DNA
 <213> Glycine max

<400> 2757

ttaaataaaa ggtttcactc tttttttttt ctattatttt attcaagctc tgccacatgt 60
 ccctatttga ttggagcaaa aagggccac tttctctttt tgactgtgac ccatactcaa 120
 tcacaaaagt ggggaaaatt tgacctctga aacgctaaaa tcctgcctcg gtttgcgtgc 180
 cgtttctctg gttccagttt ctcggtttc tctgcgtccg tcggggccag ttttcgaaag 240
 taagcaatat atatatcaaa acgctcacia taaaaccccg agcgtgggtc agaggttggt 300

ttcgttaaat tctaagtcgc acgcaaaacg atgattttta actaattaat taagaattaa 360
 cccataacct cccagttatg gattttctctc ccttaattag tccagcccgcc atatcttgcc 420
 cccactattc ctattttctac caagaacata tctatacata tacacggaac aatacttata 480
 tatatatata taatcattca aaatacatcg tttccgtaaa ctccgggtag aaatttccag 540
 gatgttacac actgcgcccc caaatgcgca agtaaggaga gaagattttc aagctctcgt 600
 gtccgtaaat gcattcatat catgcattgc ataagcattt ctttatggca tcataatg 658

<210> 2758
 <211> 463
 <212> DNA
 <213> Glycine max

<400> 2758

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 taaccctagt tcttaaggag gaagccttgc cctcgaaatt aaggcccata ctctcttttc 120
 tctctccctc cctcactcgt cttcttctct ctctccttcc ccaccatcag cgtctgtctc 180
 taacatccaa tgtaaattgc tagctaattg ctcttgcata ataaatacat ataataatc 240
 caaggggttca ttcattttta aattgagtaa aattaattta attaatacatt aaatgtaggt 300
 tgaaaccaat aaatgcataat atttttaaga gaattataaa atttcttaca gcaaatttta 360
 taatattttc ttgttgagcgt acattattca tgttatttta aaattaacaa accaacatta 420
 tcgttaaaaa aaaaactcca gattgatctc attttctcat aat 463

<210> 2759
 <211> 690
 <212> DNA
 <213> Glycine max

<400> 2759

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 tgggactaaa ttgtagatgc atccttcttc ttaacatatt ttgatgtaaa tgaaataata 120
 tcaagtgaca aatgtttgaa catagctata ctagagttgt ggattatgta agtaaattcc 180
 atatcattga ctaataatta atattcttta tgatatacat gattaccaat tttcatttga 240
 aatgttcaaa ataggtttat gcatgagtgg agttcaagct taggtcatgg ttcgggtgtat 300

ggattccttg agcttcagtt catacacaat gcaaaggata gacatgttga atgtcaacat 360
 tacgttgaaa catgggtgaa ggattcccaa cgagaggtct acctacgagc ttacttgaat 420
 caataagtaa gatttatgaa attcctgtaa agaataattg cattatacgt acctaattat 480
 tatcgaattc aaggccatt ggcagttggt tgttctatgt cttacgaaca atgttgctgt 540
 ctggttttgt tcgttgaata agaagcttga tattcatatc aaagctgcaa ttaacaagtt 600
 aaagttttgt attataacct aattaatcta acctaaactg gatagaaaaa ttgtgttttc 660
 ttcgattata ccttggtggt tttttcctac 690

<210> 2760
 <211> 743
 <212> DNA
 <213> Glycine max

<400> 2760
 cccctgtttt tttttattaa agacgaactc ggcctaacgg ggccccgttt tttaaaataa 60
 ggggtgcacgc cgataacttt gaaaggtttt tcagataaag ccttcattca tccaaatcaa 120
 ctccagtggg tcgcctcaat tccaaacttt tgcccactga acctccttga gaaactattt 180
 gtattaacaa gttcttttat aacctttcct attaaagcct tcctgagaaa ccttcttaaa 240
 acatctgcct tgaacagctt tttcgtaacc taaaacctac atcctcacc cctaataagg 300
 tgaaatcacc cccttggtac ttacctgata gtgcagaacc actccttttc cctcaacttc 360
 cctttttgcc tgataatcca cgcgcaacac cctttctcac ttcaatgggc ccaacacaag 420
 gccccacttt taaatccaac cttttctttt ttttctcaca aaaaagggtc ccctcctttg 480
 cctcgggggg ccaacaccta cccttcggtt tcgtgaacac acaacggctt tcttttaaca 540
 ttctccccct cctcttgcgg cccctcggtt ctgcccctgg aacggccctt tctccgggag 600
 cctccctttt ttcttacctc tctattctc gcagagcctc ctttctactc cctcatctca 660
 ctcttccctc tctcgccctg actcctctcc tccaaactgca ctccccact ctagcctctc 720
 cgccactctc cgcccccttc tcc 743

<210> 2761
 <211> 354
 <212> DNA
 <213> Glycine max

<400> 2761

cggttcgagg tacttaccg ttgaagatcg aagaacgatg aataacgaat gaagaacgtc 60
gaagaacggt tgaaaccttt gcgagattcc tcacggaaaa cgttacggaa atgtttcgga 120
agcgcctcgg cttagatttt cttcacggaa acaatttttc caagcaaatt cgaaagagag 180
agaagtgcct aaggggctga gatectttcc ttcttcaatt cctcccctat ttatagcaaa 240
ataggggagg tggttgtctg ccattttata taaaagagct cgtaatgaac ccccgaaagt 300
ggttcatacg ttggtttgca ttgcttctaa tgcgcccgcg caacgatgat tttt 354

<210> 2762

<211> 216

<212> DNA

<213> Glycine max

<400> 2762

agcttctgtt ttcaattctg agaatctcga tatatttcgg gattcattag gacatccggg 60
taaaaagtta ttgtcgtttg aatttgctca cagcttctaa ttttaatttt gagcgtctcg 120
atatattacg ggacttaatt ggacgtccca gtgaaaagct attggggggt ggataagcta 180
ccaactttcc tcttgaattc ccagcattcc gttttc 216

<210> 2763

<211> 367

<212> DNA

<213> Glycine max

<400> 2763

ctaagctctt actcggatgt ccgattgagt cccgtagata tatcgagatg ctttttttga 60
aaatagtagc tcctagcaaa ttcgaaccat aataactttt tactcggatg tccgattgtg 120
ccccgtagta tatcgtgacg ctcgaaattg aaacataag gtctgagcaa attcaaagct 180
caataacttt gtactcagat gtccaattga gtcccgtaat atatcgagat gtcctcaaatt 240
gaaaatagta ggttcttgca aattcaaacc ataataactt ttactcggga tgtctgattg 300
agtcccgtac tatatcgaga cgctcgaaat ggaaaaatga ggctctgagc aaattcaagc 360
gacttta 367

<210> 2764
 <211> 338
 <212> DNA
 <213> Glycine max

<400> 2764

agcttaagag attacaattc aatcaattgg atgtgtgtat tgttgatatcc cctaaataaa 60
 ttcattagtt catacaaagt ttaatgcacg cgttatcata aaaaacaaag attttgaggg 120
 accttgcatg gttcaatgtc ttaagttcta acaatgtcgt cgtagagcta aacaacagtg 180
 agaaccacac ctttgcacat gaatgaagtg gcaacaacaa ttgttgacag cattgcaacg 240
 aagttatgga tctgatttgt tatctagttt tttatctgct atgtgttttt ggatctgaga 300
 ttttttgttg gtgcccgtt tcttgatcta tcattttt 338

<210> 2765
 <211> 644
 <212> DNA
 <213> Glycine max

<400> 2765

tatcaatgca aggaattaac acaagacttg agactagaat tgaaaaattt tacactcata 60
 aaaactaaat taatattgaa gtctttatga aaatttaaaa cattctcatt taaccttaat 120
 ttttattaaa ataaagtcta tcgaatgaaa ttttttttat ccctactatt tttttctagt 180
 tccttctccg tttcaaaacta tatattatga tagttttaat tattggattt ttaaattttg 240
 taggtgtgat tgttgaactt atgtgttata ttgcaaattt taaatcatat tgaactttag 300
 cctatgtgat aatgataata ataatacaat tcttctgat ttttgctttc actcaaaacta 360
 aattttgatt ggattgaatt acagatttta tcaaattcaa ccagatacc cacctatatg 420
 attgatgaat gttgacaaga tgggtctaac ttttttaa atgtaatgaa tattagttcc 480
 tcttttactt gagggtctaaa gtccggatca gaggaaaatg attacatatg accctggatg 540
 tcagtatcta gatataatga caaattatat aaaacagcag gacataattt ccattaaaaa 600
 atatatgttt tattaaatta agcagatacc atagctttta ccca 644

<210> 2766
 <211> 546
 <212> DNA
 <213> Glycine max

<400> 2766

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tagagaataa gtgagaggag gtgctttgat gtcattaaag gaaggccatc ctgaagctgt 120
tgaagagacg ccagcttttg gaaaatcttt atcattattc attacaccct atagtcctat 180
accacgactg actactttta gttactctgc cttcaacttc agttaatttg tgcagtcaac 240
tggacaataa aattccaaag tctgataaaa gaaacaagac cagatatctc aactctata 300
actctgtttt caaccatcct gcacagaatg ccaatcaatt attataaaaa aaacacacag 360
aaattggaat tgattatgca aaagaattaa atcacaaaga agtttctgga attaccactg 420
gtttccaaat tgtcaagagc tgtaatggta ttggaacttg tttcataaaa gctttgggtc 480
aaaacaaact gcatatacat gtataattat gattattaat ttcaaatttt tccacgcaag 540
agattt . 546

<210> 2767

<211> 470

<212> DNA

<213> Glycine max

<400> 2767

tgacagggtt aggtgcagg gctgctactg gtggaggcac ttgaatttgg ttgccagacc 60
tcaaggatgat ggcaactcaca tttttcggat tctgcacagt ctgtgaagga aatttgtcaa 120
aattttggga ctgagcttgg ttcaactgag tagccatctg cccatctgat ttgtcagact 180
ctgaatggag gctcttggct cttgctgaaa ttgcatattc tggaagggtca ttttccttac 240
taactcctct aaagaagggt gaggaggagc ctcagttgct tgttgtcttt gttgtgaccg 300
gtgttgttgc tgctactgta ttggaggggg aacatatggc ttgctttgac cccaccatt 360
ttaaaaaaga gggacacatt gttgttgttg tggaagacat ttccctctca aatttggatg 420
attccttcaa cctggattgg atctatttct tgaaaggcca taattattct 470

<210> 2768

<211> 474

<212> DNA

<213> Glycine max

<400> 2768

agcttgagtc atccttaagt tcaactttgc gaggtgata atagttgtat tgatttaatg 60
gttccagttt tcaaaattaa gttgaagggt tataatttgt agtttctaaa gtaagcatta 120
gaaattagaa aaaactgtct tgatctgttt taatcccagt tgttgtagtt gaataaattg 180
gttaaactat tgtattccat gatatgtctt tgcagttccc atttttgcat ttaggtgata 240
aagaatttat tcatttgagt tgcacagctt taccagtacc aacagtccaa caccatcagg 300
ccctactaac ctggaagctg tgcatttggt ctttttatta ttgntgntgg agacaagtga 360
tttggttata tccatttttt 380

<210> 2771
<211> 555
<212> DNA
<213> Glycine max

<400> 2771

gggttaaagt ctcacgattg tcacatgctc atgcaataat tgtagtcgt ggctatacga 60
gacatcttgc caaacaagt caggttagcc ataactcgcc cgtgcttttc cttccatgct 120
atatgtagca aagtcattga tcctgtcaag tttgatgagc tggaaaatga ggccgcaatt 180
atactgtgcc agttggagat gtattttccc cctgctttct ttgacattat gattcacttt 240
attgtgcac tggtcagaga aatcaaatgt tgtggtcctg ttcatacaca taattcaa 300
tcattaatat gtaatgcata tattggatga aagctttgaa aatggaactt atggcagttc 360
atcttaaatt gttgcaggta ctctacttc ttoggatact gttcattctt ccaagcaggt 420
actcttcctt cttcagatat tgttccttct tctagtgtc taattcttga ctcatcttgt 480
atgggtgtact atatgatgat gtaaatggga atatgggttc taaacagttt ttatacccg 540
ttttgttta tgttc 555

<210> 2772
<211> 393
<212> DNA
<213> Glycine max

<400> 2772

agcttgatc ttatactaaa ataatcatat attgcattca aataaagcaa tataggacaa 60
caaggatgta tctatacagt gctcaagtga gaaatataaa aacctgatgg caatctctcc 120

ttgttgagaa acaagagttg ctagttgatt aaagatgttg ctgagctcat gaatagtgga 180
 ctcaacattc tgaagagctt cagctctgtt ttgcatgtaa ctgtcttgca atggaactac 240
 ctcttgctgc tgctgctgct gttgcagcaa tggttgactc tccccatcca cctgcttcct 300
 gtggatttaa aaggccatag aataaattat gtgagagcat aatttcagat ataaattcat 360
 cacaacctta atattggaga ataaccaaaa ttt 393

<210> 2773
 <211> 650
 <212> DNA
 <213> Glycine max

<400> 2773

tgtcatttcc actaatagtt gtatgccata ttaaagggca aaatttgtat gaagaccatg 60
 aagtatatgc aagttgtaat tttctgtgtg ctaagcaagt gtgaagagac ttttttttct 120
 aaattttcca ttcaaccaa cactccctaa atgtagatga taagatggag aaaatgttgg 180
 ttgcttcctt tttgtcataa gactgtaaga agctaggcat tatcatcata agttatacac 240
 atgaaatgac tgggtaggtg tttgctttca cttttatcat atagccagtg ttattttcag 300
 cattaataat aatcaatgaa ttgctacaaa agatagcaaa gcttcatgtc taaatttttg 360
 ttcatgaatc ttatcagtga tagttgtcct tccaggttgt caaggaaaac cagatactac 420
 ataaaggtga taggataatt gatagcgata ttgaatttgc taccctcgca gatgtgaaca 480
 tatttgctgg agatcagggt attgtgaggg actctgagat ccatgaaaat cgagatattg 540
 ttggtaagct atttgatagt gccgtagtgg caatgtgggt tgccattcta ttatgttatt 600
 ccaatagggt acattaggga acatgcaata atctttttga tctccataaa 650

<210> 2774
 <211> 857
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2774

caccccgta ccttccatga gacggcccc ctctatttaa gacctccacg cctgcaagct 60
 taatagttac aatttttttt gggggatttt gtttttttgc ctcccctaca tagaggtgtt 120
 gattccttcc aagtttaccg ccttcgttgt tccttaaata aaactcttgc gctggcatga 180

gatgtcaacg tgggtaccca tttataatcg ggctcagtaa aggctccccg ctctgggaga 240
aaaccactc attgaggatt tctcgctgc gcgaaaaaac tggctctcga attgctcccc 300
accacaaga gggcgatttg ttaaacadat tgctggaaaa aacatcttat ttttgcacta 360
aaaatgtata acccaaactt cgtcgtctaa aggcccttaa aaattcgcg tcaacttccc 420
gggtcattgt tgagaaactt gcaccccacc gtttctgtt attttataat gccgagggag 480
gccactacaa ctttagagaa ggtccaaagg ttccctctg attgagggat taccactttg 540
gggaagggca aaactttggc ccatccaaaa tttttctcac caaagaagg tgcataacca 600
tctcagggac ctcccccaa ttcgggaaca cttcccaat tctccactca atttggttg 660
ccccctcga gcatcgcaag aaagcttgat ctcacctccc tgcgggggtc tttcaccgcc 720
cccacgggct tttaatcgcg atacctcacc ttgcctcta aatatataaa ggggtggcg 780
ctcttcgcaa tctatttaat tgtgtttctc cccacctc cggatatccc nctgggcgtg 840
tggagggctt atatttc 857

<210> 2775
<211> 912
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2775

catactgccc gaggacgcaa atgggttgga ggcgttttca tgcactacac agaggactgt 60
ggcacgagaa aagtgtctaa ctgatgagag ctggatgcca attactcata aagatgcatg 120
gcggccgcaa gagtcaagac tgactggcag cacacatgca gatatgatca tacctcgccg 180
ccacattaat ggaatccgtg catgagaaaa gacggaacag gaagctgatc ttgaaattcc 240
gaacggtcaa ggcgcagact tgcgcacatg agtggctcat agtaagctgc gccccaaag 300
tctttcaaga cacgcgaatc ctgggttccta atcggatttt gctcctaagg cactcgtgag 360
aatgttcttc ccccggaacg gatgggagga acagaacacc aggcgagaaa attgatctta 420
aggaaaaaca gggactaagg ggcttagcag cgtaacagtt gatgggaccc ttcgcaatcg 480
atggataaat acaaaaacgg tgctcccggt tggaatccac tcggctggaa atgcatttaa 540
agcgacacaa cgccttccta gcaaagaatg tggattcata ttgggatact tgggtgcggga 600

actaatcggg tgaggcgcat aaaggggagg ccatgtaaaa atggtacggg cagggatatct 660
tcaaccgtgc gacggctttt aatagtatgg aaaagcgaac tgaacctata tgccacctat 720
tgaataaacg agtggctgaa catgcgtact agaagggatt atggtgagcg ccaatgcggt 780
tctatgactt gaaaatcacg gtgcaacagg ttttacgaaa tatgactctt ataaaacntt 840
cacgaattcg accacgattc atccgaaggt agccatacct tgtgcgcatc tgacgatatg 900
gggcgtcaaa cg 912

<210> 2776
<211> 363
<212> DNA
<213> Glycine max

<400> 2776

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aaggataaat cctatggctg caaactcgca aattccgtgg gtatggcttt tgaatggggg 120
gaaaataagt ttttgaatgc taaaacggcc ccctttcatt gatatttata ttttgggtgca 180
ggggttgctc gcccaggcga gctcaactcg cccaggccag ctcacctgca cttttttttt 240
tttttgagag gaacattaac catgtcccct tcttccttat ggattagcgt tttgcctatt 300
tgaccctact taagatagaa ttaggcgtta attacttaaa aaaaaaccaa caatggtagt 360
aaa 363

<210> 2777
<211> 568
<212> DNA
<213> Glycine max

<400> 2777

tgatcccttg taagtttaga ctaatttaac ccaaacttcg ttcttagatc cctcttggtg 60
gactaggctt gacttaaaca acattattaa cacaacataa taagaaaact aaatccctgg 120
taatgtagtt atttagtcct gcttctatca agttctaagg aaacagtaca tttctcaatg 180
cctcaaaatc acctaacaat acacacaggt ggggtgatcag accaagagca tgcagtcatt 240
aagcattgaa agaaacattg aacacacaaa acataattaa ttacatatga gaagtaatta 300
catcaactgt tcattagaaa tgctcaacta ggggtttttag ccagtcatac aagaaaccct 360

aatacaagtg agacagaaaa tacagagcaa ttgttgcttt acacatgaaa ggggatacct 420
 cctcctatatt tggcaccttg ttggaattcc cctacggaag cttttatggt ccacttttct 480
 tcattcagat atgttcaacg ggaatatcgt ttgccagaaa ggcgacccga ttgttaagtt 540
 ttaaaaatta aaaaggatga atcccaat 568

<210> 2778
 <211> 95
 <212> DNA
 <213> Glycine max

<400> 2778

gaacgaaaac tgttctagaa aattttttct taaaagtgcc atgaataaag aaggcggctt 60
 ttactaatat aacctattac ccgtcgtaca gggat 95

<210> 2779
 <211> 205
 <212> DNA
 <213> Glycine max

<400> 2779

acaatgctca aatcttaaatt gcatacttga atctaaccac atgtatctga ttcaaaaata 60
 ctatttatga cccttgtgaa tgtaaagccc tctattagtc attcaatgaa tggggctgat 120
 attactaaaa cttaaacatt tattaagtta ctaataaatc ttccaattgt attcaattta 180
 agcaaatata tatttgtctg aatta 205

<210> 2780
 <211> 316
 <212> DNA
 <213> Glycine max

<400> 2780

aaacttatcc aatattttctt tttttcatca ataatacacc cacaacttgt ttgtggtgaa 60
 ttcggttgcg agaccctcag tgataaacca aggaagctat ccccatgtt ggggacctca 120
 tgcctctgtc ttattattct aattcacaca cttttttcat tttaacctat ttcatggaat 180
 taccttctac ccagccaatc ctatatggat tttatataga aactaccgaa aaaattgcgg 240
 ctttatcttt atttaaagag agaattctacc gaaaacgtcg ctttcgaact gataggagtt 300

tttgttacag taatga

316

<210> 2781
<211> 511
<212> DNA
<213> Glycine max

<400> 2781

tagagagggg gagcacgaaa ttgaaggagg aaaaagagag agaacgtgaa ctttgagttg 60
cgattcacia gactctcatt gatcaaagtt acaacaagtg ggacacgatg ctttatttat 120
agacttggtg gcttctctga gaagctttct tgagaaaact tccatgagaa gcatttttga 180
gaaaacttcc ttggcaaact agagaggagc tacacacacc ctactcgtaa ctaagctcac 240
ctccttgaga agctaccttg agaaaattcc taaagaagct agagcttagc tacacacacc 300
tttctaatag ctaactcacc tccttgagat gagaagctag agcttaacta cacgccccct 360
aaaatagcta agcttaccgc catgacaaaa tacaggaaaa aacaaaaaaa gttcctactt 420
caaagactac tcaaaatgcc tcgaaataga aggctaaaac cctatacaac tagaatggcc 480
aaaatacaag gcccaaacga aagaaaaacc t 511

<210> 2782
<211> 199
<212> DNA
<213> Glycine max

<400> 2782

gcttaagacc taaaggggat gggacctttt taggttttgg agaggatcaa taacaatgcc 60
tatatgttgg acctcccaaa agaggatgga gtcagcacca cttttaacat ttctgaatta 120
aattcttttg caggtggagc tgctattgag gaggaggaac taacagattt gagggccaat 180
tctttttaag gagaagggg 199

<210> 2783
<211> 567
<212> DNA
<213> Glycine max

<400> 2783

tgcttttaca aaatatgaaa tgtgaccctt tttcatgcaa ttaatgacat gttttttcat 60

ttttcctaga atacaccatg gtccttttctt ttgaaacct tagttgggtt caccctttt 120
 gaagatacaa actgagtttt ctttgaaaag gagatttggt tggtatatga caagtcggtc 180
 ttatctgtag tatgcttttg catactgagc atgcaattaa gatcactatt tcctttgttt 240
 gaattttcaa acaaatcttt aaggtaggaa agctcagttt gcaaaaattt gtaatcatcc 300
 atgttaaaag aagtagaggt atatttaciaa gtagtgggct taaatcttga aacaagcttt 360
 tcatttttctt gcttcagttt gttcagcttt tcttggttta aaggcaattt attgacatgc 420
 aatttttagat tacttttttaa atttttgttt aaaacagaaa acctttgagc tctctcatgc 480
 attttattaa atggctttta aaagtcttct aaagtatgaa tttaacttaa tgttttcact 540
 tgttgacaga ttatttatgg aattttg 567

<210> 2784
 <211> 337
 <212> DNA
 <213> Glycine max

<400> 2784

agcttgagat tgatcaacgg aaagtctcga gaaatacaaa tggtcataat tttcactcac 60
 aagtctgatt caggcgccaa acatatcgag acgcttaaaa ttgaacaacg gaagctatcg 120
 agaaattcaa atggccataa catttcactc ggatgtctga ttaagccaca taatatatcg 180
 agacgcttga aattgaacaa cggaagctgt caagaaattc aaatgctcat aacttttcac 240
 tcggatgtcc gattcaggcg cataatatgt ttagacgctc gaaattgatc aacggaagct 300
 ctagagaagt caaggggtca ttatttttca cacggat 337

<210> 2785
 <211> 369
 <212> DNA
 <213> Glycine max

<400> 2785

tctgttggtc agtttcgagc atctcgatac attatgcgcc ttaatcggac attcgagtga 60
 aaagtatatga ccatttggtt ttctcgagag ctttcgtagt ccaattttga gcatctcgat 120
 atattaactc cccgaaccag acatcggggg gaaaagttat gaccacttga attctcgaga 180
 gcttcgggtg cttaatttcg agcttctcga tatgttatgc gattatatcg aacatccgac 240

ggagacgcta tgatagattt aaattctcga gagcttcgc tgatcaaata ctacggtcaa 300
gatatgttgt gcgtctgaat cggacatctc agggaaaagt tctgaccatt tgactttctc 360
gagagcttc 369

<210> 2786
<211> 254
<212> DNA
<213> Glycine max

<400> 2786

agcttgacca gtcccgaccc aaccgggca tagtcggtca gtgagaacct gtgatgtacc 60
taaacaggcg agctcctggc agtcaacaga taaaaggaac aaagaccaca aagcaagggg 120
gcttggtgtg gctggccagc tgtgaaactt gattgatatg tgagatatgg cctttggtaa 180
tcgattacca aggggtgggta attgattaca aggcctaaaa atgaagacat gaggctaaga 240
tggtctctgg taat 254

<210> 2787
<211> 371
<212> DNA
<213> Glycine max

<400> 2787

ttgcctgtag cagttccttg atcaactcca agttgcttaa agacaaaaga attatagtaa 60
gttttggttag aaatgcagta gtgacataat aagtgcatta gtgacacact tcttttaatc 120
ttggccatgt atctccaaaa gtagatatgg gtattctggt catcaactag tacataataa 180
gggcattagt gacacttctt ttaatcttcc tatcaaaaac gctttttgag ctataataag 240
tcatggatcc tgctgagaaa atgattgagt cttatggggg tgttggttgg atagcagaaa 300
cagaacatgc catctcttca ataagaactg tttattcata tgtttatggg ctttgcaaag 360
gggttggtgt t 371

<210> 2788
<211> 259
<212> DNA
<213> Glycine max

<400> 2788

gagcttagtt attagagggg tgtgtgtaac taagctatag cttctcaagg aagttttctc 60
aaagaagctt ctcaaggaag gtttctcaac aaagcttctc aaggaagcta cctaattctat 120
aatagaagc atgcggaaca cttattgtaa ctttgatgaa tgagattctt gtgagacata 180
cttcaaaagt ccacttttct ccctttttta ttccttcaat ttcgggctcc cccctttctc 240
tttctctccc tctttcttt 259

<210> 2789
<211> 572
<212> DNA
<213> Glycine max

<400> 2789

tgcttgtaaca atagtatgaa atgagaccct tttttatgca ataattgacat gtcttttcat 60
ttttcctaga atacaccatg ttccttcttt ttgagacctt acttggttcc accccttttg 120
aggatacaaaa ctgagttttc tttgaaaagg agatttggtc gttatatgac aagtcggcct 180
tatctgtagt atgcttttgc atactgagca tgcaattaag atcactattc cctttgtttg 240
attttccaaa caaatcttta aggtaggaaa gctcagtttg caaaaatttg taatcatcca 300
tgttaaagga agtagaggta tcatcacaag tagtggtctt acatcttgaa acaagcttct 360
tatttttttg cttcagtttg ttcagctctt cttgggttaa agctaattta ttgacatgca 420
attttaactt acttttcaaa tttttgttaa taacagaaag tcttttgaac tttcttatgc 480
atttcattaa atgcttctaa aaggctctcc aagtcagaaa ttacctcaat ttttttaatt 540
tgttgactaa atcaattatg gattttggca tt 572

<210> 2790
<211> 353
<212> DNA
<213> Glycine max

<400> 2790

gaaagacagt gaagtgtctt aagactgaca atggcttgaa attctgtaaa ggtgaaggca 60
ttgcaagaca gtgtgttgta cactatactc tatagtagaa tggagtagtt gaaaaaatga 120
acagaacctc gttagaaaagg gccagatgca tactatccaa tataagggtg aataggagtt 180
ttggggctaa ggtagttagc acaacatggt atctcatgaa ttgctcaccg tccactggca 240

tagatttcag gacccttatt gaggtatgat ctaacaaact tacttaatat tcaatgttga 300
agatggtttg atttcccaca tactatcatg taaataaagg taagctagag ccc 353

<210> 2791
<211> 234
<212> DNA
<213> Glycine max

<400> 2791

tcccagttat agagagctaa atcctctgat gggttttcct tgtaggtact tgatgcaaat 60
acatgtatat ctagctaacg atgttttatg tgttctctgc gctatcagta tgtcatttca 120
gtgtgttttt tgccttgatc atgcagatgc atgctttggt acgatctttc aacagtacaa 180
actgccttga ttcttacaac ttgatatgac atggctagtt tategtatta tcac 234

<210> 2792
<211> 394
<212> DNA
<213> Glycine max

<400> 2792

gaactgcacc catgcacgct ttacaaaag gtttgtccca ttttttcta tacttgtagc 60
accactcatt gagccggtga ggaaccatgt tccttcatag gaacatgcc aggaaatggg 120
ttttcagacc ttaccttact tcaacatacc aaacaccact aatacctatg ggttttcaga 180
ccttacctta cttaagaac cttgggattt gaggtcaaatt ccttttcaag ggggagggaa 240
tgatgtaatc ctacctogca aggccaaaga tgcaagaaaa ggcctaagg gtctcatgag 300
ccttagggta gatttcaagc ccatgggcta cagatgagcc cacttatctt ttacatatt 360
aaattaaggg ttcataaatt ttggggcttc tatt 394

<210> 2793
<211> 929
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2793

ctcatcaaat atctagngac aagatactcc attatctctc accncaccta ctataccntc 60
tgtntcccat attgttcacc agatactgca gagatctcnn ctattnanac acnnnnnacg 120

agtgatgccc tcctatcgaa cccccc nata cataactaat ccggcagctg gctagaccat 180
 ccctagaagc gtgtgcaacg tttgttgaaa ctctgatgaa tgataggggtt atgatactga 240
 ctccacagtt acacttccgt cctcttttta ttccatccaa tgctgagctc aagcctgatc 300
 tattttcttg caccaccatta gaagcatgat ctctgagcgg gttacgaaag gctcaccaag 360
 ggggggaaac tcccacttac agggcttaat ccttaaaggg agtggcgctc tcttacaact 420
 tttcctatgg actcccgagg atctccatag gggaaaatca ccacaaaaag accccattga 480
 agtcataaaa gtctacctac atagaagggc cacaagcctt tgcttccatc attatggttg 540
 agccccataa acccaggcca agggcgaaaa tatttgctta aagtgggcca aagagatctc 600
 aaggcatgtt aagcaagaga cacctgcaca aggcgtgact attcaattga ggcaccgggg 660
 ggtacgaatg caaaagctta ccgtcgcttt taaaaaaaa atggaatggg cttgcaccaa 720
 gtgaattaca tggaattcca cacaccaca tcagaaatct tctttctgcg ttcgaaaatc 780
 acagaatact ctaatacaag aacaagcttg ctgccctaat ataaagggtt gaaaacttat 840
 attgtagggg tcactaccat catgaggggc cccaatcca cccccaaat cattgaaact 900
 ctaattgata cggaccacga tatagggcg 929

<210> 2794
 <211> 1131
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 2794

gccggggcgg tatcgccgac ccnttcccc gctaccnaca acagtcctcc aaccgggtatc 60
 atgcgtcaaa ccgnaccccc acccncacg gatgagaaca tgtagaacn cccgncctta 120
 gaaaagaact cgccgcacgc caagccctgc accaanaaca cactaccgca caagcgccgc 180
 tgaggatttt aattcactgc gaaganacct ctcggtcaat ctaaccagag gcgcaggcat 240
 gaggagacgc cgctcaggaa catctaaca ctgcaagaga aatgggagac acccccgaag 300
 cgcaactgca ggccgggact ctaaacctaa ccacaactca gctacaaacg gcttttccaa 360
 accagcctga accatagaaa aggcggaggg gggcaatgcc cagtgatgcc gttgcgcctc 420
 aaccctcaca ctaaggaaga aaggacgagg gcgccttgcc caaaaagaac caaccgccga 480

ataaggaaag aacatctccn catcgggggtg ctttctggca ggacagcccc tcatggtgcc 540
 ccaagagagg cactcactct aaaccttggc gagctccaaa atctttactt gctttggcgc 600
 ggcacaaaac atttctctaa aaaactctca ctagaacgcc ccttggttag aaacacaata 660
 cgcgccccgc acacttggtt ctgggggggt ggggaatgga cgtcgaaatc accaccggcg 720
 gaccaaacc ccaaaccctt tttaaagcaa ggacatgcac tggacgttaa cggcaaaaac 780
 aggcggtccc ttgatcaacc aaacggatag gttctaaggg acctcccaa accccgcaca 840
 aaaaaaagta agaacatgga cgacaaacct acgacacca cttttgacca cacatctagg 900
 tccctaaggg gcggttgcca tcttccacca cactcgtag aaaccaacaa cgccaccg 960
 cgcgggagga aagacacatc actacacccc aaagataaac cggaacacag gtgcctacga 1020
 aatatcaata cccctcagca acaccggaac acctcccaca caatatacga taagcgcg 1080
 gggcgcgaga tagcggcac cgcgcacact acgacgcacc ccgcatcgcc g 1131

<210> 2795
 <211> 1081
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 2795

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 tcgacatccg aaagcaatcn taagatgagc agggtagcgg cgactcattt atttatggac 120
 attacgcagt agactctaga gcattgacga ggagctgcat atcttcatca ccacgagagt 180
 cagcgttctc ggcagcaaac cattctctta tctaaataca tggtaacatc gctgtctctc 240
 gactcacacc ccttgattgg gctctcgcg ggtatcgtct cctactatga accacacctg 300
 acaagcgatg tcgcttcgca cacttcacgt atgccatgcg aggcactgtg aagaacagga 360
 cttctattag ttacanagcc gcgtcgatgg agcctcttcg tgacataaga acgtaatcct 420
 acacttcttc tgtagaatgt tctctataaa gtcaactgta aatgcctggt gaatcaactt 480
 caatgtgata ccatcagatc attactcaaa aatgtaacgc aactccggtc gcctctgtac 540
 gtgtgaatga caccctccga tctttataact atacacgcta ctgcctgat tcttaacgtt 600
 cgctatccac ctatggacga acctatacct caacacgatt cagcttcaact tagagctcac 660
 ccgatataaa aatatatttc tacgcccata ttacactcg ccgcatatat catccttaat 720

gaaacctcca ttctgcttct atgccaattg atctaattgt aaccccatte cttacccttg 780
 cttcggacag gcttactatc gaatatcttc aatctcggcc tacgcgcata tacacgcgaa 840
 ggtacataca catccctagt cgcgcgcgta tatatgattc cactcacgat attcactatc 900
 ctgcaccatc cctccgcgct aatgagacat tacataccta ccgtactgat gttgtccacg 960
 attccgtaca agcatacata taaggctcga cccacggctg caaaatcgca cacgctacgc 1020
 tctgcctatc gtcaaacaca tattggctcc cgcataacag tcgtgtgctc tcggacgccc 1080
 g 1081

<210> 2796
 <211> 312
 <212> DNA
 <213> Glycine max

<400> 2796
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 tcattggcat catttttttt tccggcattg aggtgccact tgagctgcca ggtctctcca 120
 cctttgggcg tattcttttg aaagactcgg gccctctttt tgcacatggt ctgtagttgc 180
 atcctatccg aagccattat accgacattg cctaacgaag gcaaccatta ggtccttcca 240
 agagtggact cgagaagggt ccaggttggt gtaccaggta acagctactc cagtaagatt 300
 ttcttggaag ga 312

<210> 2797
 <211> 940
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2797

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 ctntgtctan tactttntct agcttcnnc nncgggtggt ctgtgctacc tccgagncat 120
 tgaaactata caccaccctg gcctcagact gtagatcatc acacaaagca ggctcaagtt 180
 agctacacat aggtctatag gcgatggcgc ctgagtacct ctatgacata attgcaggaa 240
 tgaggattcg gttatattaa totcaactgg tcatttatgt acctatttag acacttaaat 300

gtcaaactcc tattatcatg tgatgttagt gtttatgaat tatttactct ttatacaacc 360
aacccaatgt tttcaataaa tgctcattta tcaaggtgag catacgtttg acttctttta 420
tgccgtacgg ggaagagcct aaacataccc ccttaacgtg tttatacgat gtgtttctct 480
gcaggaatat gatctttcaa cgaccttatt ttcaaataaa acatgcaacc tcatttataa 540
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ctaacttgty gtcgatacta cttgaaattc ctcttcattc ttattatata cgccttttaa 660
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cgggggacct tattttttcac ctatacctta agtccttgc tttttcaatt agaaagattt 780
ccttccgtta tccattttaa atccaaattt ttaccttcca tagatacgat cttacctaata 840
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<210> 2798
<211> 434
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2798

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ctccaactga gctcacgtac tcccacctag cccatattct cgtttttctc aacaccgggt 180
ccccatcaat ccttccaagc tttcccaaca tcaaagtaat acaacattca cacagcacia 240
gctaccacag ccaagcaaaa cagagcaaag gcagaaaact ctgccaaaac accaaccaaa 300
aatcacagct ttttccactt caaagacccc agtaacaatt ccttcgatcc aattcggtta 360
ccgttagatc gactccaaaa ttttactgga agtctatagt gcataagcct acattttgac 420
cgttgggatc tact 434

<210> 2799
<211> 413
<212> DNA
<213> Glycine max
<400> 2799

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 gaaggagaat cctgagctgt gactgccatt caagacagcc aagTtttcta ccaacccaac 180
 gctgtattta cttagtcatt aacaaacctt ctctttaccc accgaccagt tatccactaa 240
 ggccattctt aaaatcaacc actaaggcta gctaaccgca ctttcgatga caaacaccac 300
 ctttagtgta aaccgaaata ccaaccagga aatgaatTTT gccttttagaa agctttacaa 360
 ttcaccccaa tttcagtgtc ctatgctgac ttgcttccat atctatttga taa 413

<210> 2800
 <211> 423
 <212> DNA
 <213> Glycine max

<400> 2800
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 attattgtca atgcggaagg tattctgcgc ttactatcc atgttcacac attattgcag 180
 cttgaggTta cgtgagcatg aactactacc aatatataga tgttggttac acaaatgaac 240
 acatcttaaa agcttactcc gcacaatggt ggctctcgg gaatgaagcg gctattcctc 300
 cttctaataga cgcatggaca cttatccctg acccaactac aatgcgtgcg aaaggTcgac 360
 cacaatcaac caggataagg aatgagatgg attgggtcga accatctgag caaccgaaaa 420
 aat 423

<210> 2801
 <211> 1198
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2801

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 agactectat agcaatactc cctcccatcc cctgctctg ctttattgcg tctaattgcta 180

aaacatttgt cegttgttct catctcaciaa cctgnacata atatcctttc gatcagatta 240
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ccagaattat acaccattgt gacttacacc atactattct ctcagcaaca aaccttatgc 360
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aatgatcatt cegtatgtca gattcatttc tcacttcaga ggctttatat aacacgtttt 480
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acaagattga taatatactc acaattctaa gtaccacccg aaagtattgt gcatacaggt 660
gccgactcat attatatgct ccacaccatt tagtgtcttc tgtgctatct acgcatataa 720
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<210> 2802
<211> 226
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2802

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aggaattttg tgctttcatc ttccgtggntg atcatcatct caagcctata catgctacca 120
tatgtaccaa cagtgttaatt gtgccccaaag ttacacaaac aatttcctgt gtgaacacaa 180
catacacatc aaatgctaaa aaaacatcac atggttgggg gtaaag 226

<210> 2803
<211> 573

<212> DNA
 <213> Glycine max
 <400> 2803

cggttatggg caatagcacc ccacccgacg tccccaatgt cttctgaccc ccgcgacata 60
 tctccaggta ccactctgtg gtcaacgaat aaaagcagga agtttcaccc ttctacactt 120
 cctcatcgca agcttgtagg attatggggg acccatcaca tgtggtacta ggtggcggtc 180
 gggcgatggg gcacaacaag ttttccacat ccacaaattg cgcataaacc caccatcccc 240
 tgttgcccac ctctaactaa gctcacgtac tcccacgtag cccatatacct cgttttctctc 300
 aacaccgggt ccccatcaat cctctcaagc ttccccaaca tccaagtaat tcaacattca 360
 aacaacacaa actatcacag ccaagataac agggcaaagg cagaaaactt tgcccaaaac 420
 accaaccaaa atcacagggt ttctcactta aggaccccaa taacatttcc ttcgttccaa 480
 ttcattaacc gttggatcga ctcgaaaagt ttactggaaa gctctagtac ataaattcta 540
 catTTtgacc ggtgggacct actattaaac atc 573

<210> 2804
 <211> 506
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2804

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 gcaaattctga tcatcatgct ttgataaatg caaaaaaact ggggcaagtg aagaagggga 120
 gaatgaagga gaaacccatg ctgtggactg ccatttttcta tacagccaag tttcccacca 180
 acccaacaat gacattactc agcccataac aaaccttttc cttaccacc acccagttat 240
 ccacaaaggc catccttaaa tcaatcacia agcctgtcta ccgcacttcc aatgacgaac 300
 accaccttta gcacaaacca aaacaccaac caagaaatga aatttgTacc gaaaaagcct 360
 gtagaattca ccctaatttt ggtgtgctat gctgacttgc ttccatattt acttgataat 420
 tcaatggtag ccataacccc tgtcatacct aatttcgtcc gggattatta tttgatgata 480
 tccacccttt gattggccgc ttttaa 506

<210> 2805

<211> 1276
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 2805

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 acccctcccc tcttcagaga aggttccccca agaagaggtg tctcaagtgt atgtcttctt 180
 ttcacgctat tataataaga agtcaactggt gcagatcaca tgtcatgctt ttaantatgt 240
 gacagcacat cgtactagtgt actctgtagt aagacaatcc tactaacatt aatccgatac 300
 tatcttctga cccgatttat gctacttttc aatatttggg ttgtcccgac gtctactcgt 360
 attactatta ctactacctc tacttagaat ttgtccgtac cactcgagaa gcattctcta 420
 atacataggc tctattattc cagatgcgac atttcttgtg gtcggccaga aactcccta 480
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 acttacatta ttctttccgg ttgaacatct ctcatgggtg tggaacaat caccgcattc 600
 tgatagcgaa ccgttcatat cganagttct ctataaacia ttcccagatt ctttctaata 660
 tgtaacagcc tgacaacia tagcataggt attctctcat tcatgcacag acacacacgc 720
 cccttataat cctggattcc agtagccac aatgtgctct gctgccaata cactcgcatg 780
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 gctatagcac gccgaattcg caatgcgcca ttaacactct ggctacaatg acacattcgt 900
 ccggtgggct aatgcacaga tcggtaagtg aagtttcttc tctgttcga atacatgggt 960
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 tacttcattt gattcactca gccaaatcgc atataccgac ntaattgcac accgcactct 1200
 acgcactcta ttgtctacag tgttacactc tacttacgcy acgtcgtatc gcgcacgagt 1260
 cattcgcata actcgg 1276

<210> 2806
 <211> 382

<212> DNA
 <213> Glycine max

<400> 2806

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 cacagagtgg tacctggaga tatgtcgcgg gggtcacgag accttgggga cgtcaggtgg 120
 ggtgctattg cccaaaacca agcttgacca atcccgaccc aaccgggca tagtcggtca 180
 gtgagaacat gtgacgtacc taagcaggcg agtcctggc agtcaacaga taaaaggaaa 240
 acaagaccac agagcaagga ggcttgtggg ggctggccag ctgtgaattt tgtgtaatat 300
 gtggattgtg gcctctggta atcgattacc aagggtgggt aatcgattac aaggcttaaa 360
 aattgaaaca gggggctaac at 382

<210> 2807
 <211> 948
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2807

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 acttctcaac ctttgttggg atgttgcgcg gactgatggg caaccattaa gtgtattgct 180
 ggggctcaga acccacagcg ggtgtgtgaa gagtacgagc atgggtccat ttctcttcca 240
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 gaaacgataa tcaaacattt gctctttaa aaacccacct cacatttttt ccccggcaca 360
 caccagatcc gcaaagttgg acggcatgta acccactacg ctcttatagt ataacttg 420
 cagagcgtcc tatcatcatg gtgatcatct tctctctcaa ccatgggagg aactacttgt 480
 gccgccaaaa ccctgtatag ctgggcataa atctttaaag gcttcacact cattttttga 540
 acatatactg tacttgagcc gtgccaggag ccatatcacg aattgcactg atatctgctt 600
 aaaaaggcgg aaattagatc cttccaagca cggatacagg aaagcttcta aattactgca 660
 ccacaccatt agtagtcct gtcaagataa cttgaaaga aatgttataa aaggcttttc 720
 atcttgcaaa ctgcgctccc ctatttaagg cagaacattt caaaaaggat attggcgaat 780

actgcgactc ttttaatttg ttcgaaaatc tctgccatca gaaaacttta cgtaataaca 840
 actctttcgt cctcatcgat caatacattt cacaccttaa caacaaccgg cttcaaagca 900
 atttcatagt gccctataac cctactacac gatccacgca gccgtccg 948

<210> 2808
 <211> 414
 <212> DNA
 <213> Glycine max

<400> 2808

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 tactttcgac acctactgta cgttgatttg accaatgctg ttatgggaat gttgcgacaa 120
 tccttcaaaa ccttattgat acattctgag aggttggttg tcatgtggcc atatcgacgt 180
 ccttctctat cataagccat cgtccatttt ttctttgaaa tgcgatcaat ccatgttgct 240
 atggctggac tcagttcacg aaatatttct aaatattgat aaaaaaaagt gcttgccagg 300
 agtgtaggct acataaaaaat agctatgaat aacaatcttc agtgtttatg aacagttaat 360
 aaacgtgacc atcaaataag aaaacttacc caattctttc aacatttttt ttg 414

<210> 2809
 <211> 302
 <212> DNA
 <213> Glycine max

<400> 2809

gctttagtga ttgtgtgacc accaatttta tattgtttgt tcgcacggat atgttctacg 60
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 tttttttctt atatgccagt ggccaacca cttttccaat atacattatt ttttcgccat 180
 ttgccaaccc ttgagccag aaacttggtt tttatcagaa ccctaacctt agatgaaagg 240
 ttccaacctt accttaggat aagagagtta ggggtgtttc cagggaat tctattcttt 300
 tt 302

<210> 2810
 <211> 811
 <212> DNA
 <213> Glycine max

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ctgcacccac	tgctgtctca	gagaatgagt
120		
gctaccacca	cactaatatc	cattattgac
taacatgccca	taaacgctca	gatggcatcg
180		
ttgaccgaga	tcaacgatac	cttctttatc
atacagccca	tcgatcattt	tagacctttt
240		
gaaaagggga	tcatatccat	gttagcttat
ggctgggact	acacttcaac	gaaaatcttt
300		
tttaaatttt	tgaaaaataa	aatgtgcctt
gcaaggagt	aaaggctcta	taacaaataa
360		
gatatgaagt	aacaatttta	agtatattat
gaaagttaaa	taaacgtgac	catcaaatat
420		
gaaattctac	ccaaacgggt	aaaacaattc
ctctcgaaat	gcattactga	attttagaaa
480		
gaagtcttat	gcttcgtgct	tcatgcacca
aatgaggtaa	tccgtgggga	agtgtataac
540		
tcaccggact	gacaacttaa	catagctctt
agtctaccat	ctgagtcgac	taattgataa
600		
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ttaagatacc	caaatacttt	actctctatt
660		
tatgtcatac	tctcttataa	ttcgctgccg
gtctatgacg	aacatcacct	cgctctcgct
720		
tttaagtata	aaggggactg	aaacacttct
caaggcatga	acccctcaa	aatcttgttg
780		
ggaacatcaa	gcccttctag	agaaaatgac
g		
811		

<210>	2811
<211>	806
<212>	DNA
<213>	Glycine max

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ccacggacgg	gagaagagtt	atgtttaaat	aagaaccac	cagcatagga	atacgggcga	180
gtatgtccaa	atatacgcg	gaaaagaggc	ttcaggaag	ggatgatcgac	tctttataacc	240
aagaggcaac	catgtggatg	ggatcgggtt	tccttcactc	ggaccgggggt	ttgcaacctt	300
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ttctcacctc tctccttctt ttctccccct cttctccccct cactctctct tctattggtg 540
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ctctctattc taactacttc cctccttca tactctactc tgtctgataa catttctcat 660
tccttctcgc tctccttctt ttgcatctct gttttgtcat tgccctctcaa ctcgtgactc 720
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<210> 2812
<211> 907
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2812

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atgaatacaa acctctcccc tatttgctat acaaggggga ggagcgaaga atatatgttt 180
catcctctta ggcacttctc tgtctgtcga aattgctgaa gaaaactatc tccgcgaaga 240
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ccgttcttca agattccccg ttcgctcttc gttcccttca gacttcaacg ggtaagaacc 360
tcaaaccgaa cttttcaatt catcttatgt acccgtggtg gtccacattt tgttcaatgg 420
acatatatcc cgccttccat aacttgttta taccacctct tgacggccta acccatctat 480
tgaagtcctt tctcgcttaa ttcaataata aacataaatt ccaccgaacg tttgaaatgg 540
tatcatccgc taccttcggt taaaaacgaa ttccgaccgt tcggccggcc cgatccacgc 600
cggtaaacca acaaagaagg tcaataatat atccacatcc agaaataccc ttttaataaac 660
ataaagcaca aataacaatc ggacgttccc tctttgggac tactcattcc taactgaatt 720
gactactacc tgaagcgcaa ctaaggctca gatcaacctc gctcaaccaa actggcccca 780
aaaaaaaaagt tttcggaaca acaccatttc tagccctaac tacatcaacg agggcctatt 840
ctaagggtcca accgcttcca gtgactcacc cctccgctac aatgaacgct ctgagcactc 900
acacaac 907

<210> 2813
 <211> 517
 <212> DNA
 <213> Glycine max

<400> 2813

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 gaacccatgt tgtgattgtc attcccacat ggccaaattt cccaccagct caataatatc 180
 aatattcagc caatatcagc ccttctcatt acccaccacc ctatcagcca agaacactca 240
 atcatccaca aaggccaccc ctaaattcagc cacaaagccc gcctgccaca catccaatac 300
 caaacaccac ccttaacaca aaccaaaca ccaaccgtgg aaggaatttt ccagaaaaaa 360
 aaaaaaagc ctgtagaatt caccccaatt ttggtgtcgc atgctaactt aatcgcatat 420
 ttactcaata aggcaatggg agccataatc ccagtgaaaa ttcctcaacc tctatttttc 480
 tgaagataca actcgaatgc aacatgtgct tatcatg 517

<210> 2814
 <211> 595
 <212> DNA
 <213> Glycine max

<400> 2814

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 gggagagttt gatacaattt atacaagttt tatacacaaa agttagtcac tattttcaac 180
 tcccgaaccc ttattttcaa aattcgcaa cctctttttg atttttttta cgtttttcctt 240
 aaataaaggt ttgtggtgac tcccacgcat tttccttttt ggaagatgag ccttttgctt 300
 ttgcctcgc cctcccgtcg aagggtaggt tgcgatatgt ctaaattgaa agtcctatat 360
 acaaattgaa gacaatttag tatagatttc aagggaagg ttaatatcaa catttggtgc 420
 aaatatccat tcagttttta aagggaacaa aaatggtggt ttggttttct acatcaagag 480
 acgtcatttt gaaaatctgg ttatgccaat gtgaccaagg ttaagtgaag gtcacgaaaa 540
 caacatcaat ttataaaaa ggtactttta catcgtctta ttttaagggt tttca 595

<210> 2815
 <211> 351
 <212> DNA
 <213> Glycine max

<400> 2815

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 ttggttatct gtaaaacgaa aagcctgata gcacgcagag actaacctcg tcttctgcgc 180
 cctttgtcaa tcgcggccga caagcccatt aacacgcgga gatttacgtc atcatccgcg 240
 ctcaacaagt ctatcatact gacatttgag tcacgttgac gggcggaat acccgagtgg 300
 gtatccgtat aaacattcct ttttgctatc tgtaagacca aaagcttgat a 351

<210> 2816
 <211> 624
 <212> DNA
 <213> Glycine max

<400> 2816

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 atccttctgt tactaagcca gcatgggttac aggcaattag cactcccaga aatgtaaaag 180
 aatccggtct gcatccttta ttttgatta atccaaacag ctcaatagcc ttcagcacat 240
 gtccatggat accatatact gcaattataa cattccatac tgcttcatcc ttctcattta 300
 ccctgtcaaa aatgttccga gattgttcca agcatccaca tttagcatac atgtctttta 360
 atgcacaagt acaaaagtta tcctcagaaa gacgagggtt cattgcaaag gagtgaactt 420
 ctttccccag ccgcaatgca tccacattta atctcggtat tatattgtat tatttgaagc 480
 tattgaaagg aaaaattgga aaaaagatag tacctttgta gtaagagggt gtaaaagcaa 540
 aaagcatctg aagagtccgc attgaaatgg agacagacta cgagcaacga caccaaagca 600
 ggaggaaaaa ttgcatacca aaaa 624

<210> 2817
 <211> 380
 <212> DNA

<213> Glycine max

<400> 2817

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accatataac agcaaacttg ccatgggttg acaaattcag gaggaccagt ttgactgcct 180
ccactacttt gaggatcaga aggattatct ggcatccga ttgacgagat gcttctctgg 240
gaatgagctg cactatgggc taacttaaag gtgctgctgc tccagaaatc ttctgatcca 300
tccaccttag tcaactgttg accttgagtc cttagtcctt tagatgcttc atccattgaa 360
ataatccctg gagttttttt 380

<210> 2818

<211> 572

<212> DNA

<213> Glycine max

<400> 2818

ttgaacaata tacttgccct tcatttaact gtctctgggc ttggtggcca cgctcaacaa 60
agtactttcg acacctactg tacgttgatt tgaccaatgc tgttatggga atgttgcgac 120
aatccttcaa aaccttattg atacattctg agaggttggt tgtcatgtgg ccatatcgac 180
gtccttctct atcataagcc atcgtccatt tttcctttga aatgcatca atccatgttg 240
ctatggctgg actcagttca cgaaattttt ctaaattttg ataaaaaat gtgcttgcaa 300
ggagtgtagg ctacataaaa ttagttatga ataacaattt taagtatata tgaaagttaa 360
ataaacgtga ccatcaaata tgaaatctta cccaatttct tcaacatttc tttttgtttt 420
gcattattga atttccgatt gaagtttctt gctatgtgtc gcatgcagta gacatgataa 480
ccgtggggag gttggcaacc aagtgctttg ttagcgacaa cggactttat actcccgtgt 540
cgatcaataa taaaccaatc catttttctc tg 572

<210> 2819

<211> 386

<212> DNA

<213> Glycine max

<400> 2819

gcatgcaagc ttgcatgaaa atttctcacg ggaggtaaatt tgcaaccttg cgggtgggggc 60
 ttgggggggg gatctccttg ataagggcca aatgggtgga ttcaaaatcg ccatgcataa 120
 aattgtcagg ctctgaatct gaagtgtagt ctacttcatg cagaattaat aaggcatata 180
 aatctctaca taatgaagta aaatgaaatt tctacaaaaa caaaattacc aataataaaa 240
 tgatgctaga gaaatttaag gaggttgata ctttttgaat caaaattgaa taaatttgac 300
 cataactaaag aaaaaattgg caaatgtgca tattgaatat agagaaagcc atcaacacca 360
 atttacttat tacattatct tttttt 386

<210> 2820
 <211> 490
 <212> DNA
 <213> Glycine max

<400> 2820

tgcccgggtgc tggttctcga gtgaggaaac ttgacttaga gcgtccatat caactcatgc 60
 acccgatgcg atatatggtg agctatggcg gtccttatac tttcctatgc gtatgcttcc 120
 accagcgaga tcaatcccat cagtggcctt gtttatgaca ttctgatgct tgagtcttct 180
 accacctttc gtgagctatc cacacgcctt gggagcgcgc agtgggttcc ttaataattc 240
 tcgcgacaat gggaccatca atgacaccgg ccggcaaact cgattgcctg cctgttagaa 300
 tcgtacacct ttgatgtgca ctggtacgga taaacaggga tgccttattt agtatataaa 360
 atatataaac gcgcatgaaa acactcttgg ttgctggaga aatagcttgc ctcttagaga 420
 gtgccaatta tctaggacat tgagctcagg ccccttgctt gtcttccttc gggccggctg 480
 aatagactac 490

<210> 2821
 <211> 273
 <212> DNA
 <213> Glycine max

<400> 2821

atgcaagctt gtctcagcgt ttatgcgaga cggagacttc atgctagcta tcatcgccaa 60
 gtaccaagaa gagttaggtc tagccacgac ccacgagcat aggatcacgg acgagtatgc 120
 ccaagtatac gcggaaaaag aagctagagg gaagggtgat cgactcttta caccaagagg 180

caaccatgtg gatggatcgg tttgctctta ccttgaacgg gagttacgat ctttcccgat 240
tggtatccta ggccaaggcg atggcggtta ctt 273

<210> 2822
<211> 551
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2822

tcttctcaac aggatcatat aacctgtaac caaattcatt ctcatcataa ccaatgaaga 60
tacattgcct tgactttgca tccaacttgg atctctcatc ctttgggaaca tgcataaaag 120
ccttgcagcc gaaaactctt aagtgggtcat acttcacatt cttgccaac cagattttgt 180
tcggcgctc actattcaaa gcaataacag gactaagatt gataacatgc accgccgtgt 240
atagtgcctt accccagaag tgcttgggta actttgcttc agagagcata catctcactc 300
tctcaattaa tgtcttattc atcctctccg ccaaaccatt tagttgagga gttttctcat 360
gagcaatgtc atgcttcttg cagtagacat caaatgggcc ctaataactca ccgccattgt 420
caatacgaat gcgnttcagc ttcttgcttg attgcctctt aactaagaca tgaaactcct 480
tgaacttctt aagaacttgg tcatttgtct tttaagcata tacccaaagt ttcttggaat 540
agtcatcaat g 551

<210> 2823
<211> 353
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2823

tttgaaagta ttgnaagagg ggaaaacatt tatgtgttac tcacgcacac aaagaccttg 60
tatgaaggat taccagaata gaaaaaatga ttgatcattg ttgatgtgaa ctttactagg 120
agtggatcgc ttgatacaag ctactcaatt ttggacgacg ccacttcctg atagggaaga 180
taattcatgt acatgccaca tgaattacct tgataaatcc gagattgggtt cagcgaggaa 240
cccatagaga agttctcaca aatttttatg aaaggcccat agttccttca ttgaaaacga 300
aaacctatac atatagtgtg tctgaacaaa aagatattaa tagacgtgtg cct 353

<210> 2824
 <211> 869
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2824

cgccnttttcg aattgccttg acgatcccat cctgaacacg nacctcngat cncatataac 60
 gccatagcct tcaaggccaa ctatacgggtg tgacacaacc aacatcgcaa tcagtaagac 120
 atgttctatg tactgtatgt agtatccatc actgatcctt ncacctccgc agtgtgcttg 180
 tgaagtgaca tccatatgag aagcactggg atagactcat catacaacgg aatactgggt 240
 ggtacaactc aactaaccce tcataagctc catgaggacc ttattaaagc aaggagccac 300
 gacattaact gcttcaccgt gcgtcgcgaa cacgtcacgt attgcctcac agttcaacta 360
 caaagactag gcaacttaag gaggataaag cttgtattac tgaacctttt tcccatcgt 420
 tcccatctag cgatgaagag ctgcctctat acgaaagaga gtcataagga aatttgctaa 480
 cgattagaac gatgtagggt agcccagcac atgaattgca tgatcgtcgt agagaaaata 540
 ttttttaagc caagtgcctc atacaccgga agtaatgctt tttgatcatc gatggtgagg 600
 gtttaactaa cgggattggg ctaagctggc ttccaaaaat aaatcggaga ttaaagccaa 660
 tccctctagc aacaaacttc aaagttgaga ctttattttt ctttcgcca aaatgggtgc 720
 aacttttttag gatagcgcaa ctccatgttc ttttgtgaaa ttcataactc gggctttaac 780
 ctgtcccaca atccgtgggt tcctctcttc tatgactata ccgacctga tgcttctctc 840
 tgccccctt tgcttcactc atttctccg 869

<210> 2825
 <211> 371
 <212> DNA
 <213> Glycine max

<400> 2825

agcttgacca atcccgaccc aaccggggca tattcgggtca gtgagaacct gtgatgtacc 60
 taagcaggcg agctcctggc agtcaacaga taaaaggaac aaagaccaca aagcaaggag 120
 gcttgccgtg gctggccagc tgtgaaactt gattgatatg tgagatatgg tctctggtaa 180
 tcgattacca aggggtgggt atcgattaca aggcctaaaa atgaagacag gaggctaaga 240

tgggtctctgg taatcgatta ccaaggggtg taatcgatta ccaggcttga aaacgaagtc 300
 aggaaactaa gggagcctct ggtaaactat taccaccctg tgtaatagat tacacacagg 360
 gatgggtcac c 371

<210> 2826
 <211> 409
 <212> DNA
 <213> Glycine max

<400> 2826

atgataatga aaatattttc acaacagacc ataatgatgt gatagctaca gacaaatcga 60
 aacccttgt caattaaatc gaaggaaatc tgtctaagag aaaaacacac aaagtttata 120
 ccaggctatc tgtaccatct agactacatt cagatcttgt caaaccacta agttccacta 180
 acttataaaa gctacaagct attttatact gctactcctg aatcttacag acacaagctc 240
 tacccaaagc ttgatttttaa ccaggtattc tatgatctac ttagtcatag tgggctctaa 300
 acaaattaac atgaatctgc gttgaaaggg gcttaatgac taaaagatta tcgtcctaca 360
 gacagatatt acactcgact atttcgttga ttctctcgag aatacaaat 409

<210> 2827
 <211> 362
 <212> DNA
 <213> Glycine max

<400> 2827

gcatgcaagc ttaaagcact aaaaggggga aaaataatga atattttacta ggacagggtg 60
 tatcggatcc cgtaacaaaa gtaagcctct agaaatgaaa atgaagctac ctcggttaact 120
 atagcaccta agacatagga aaatagccac tcttgagctt tccccgctgg acatgaaggc 180
 tttgctctct ttgggtttccc caataaccaa agttgaagac ctggcaagtg tgcttttggc 240
 cggctcacct agagaaagac ttctcccaga catttcaaaa tcagatatat ttaaggcagc 300
 tgccatactg aatatccctt caaacatagc atcttttacta catacgaatg gctcattttc 360
 aa 362

<210> 2828
 <211> 281

<212> DNA
<213> Glycine max

<400> 2828

gtcaaacggt cttttttttt tctactgtag accttagcaa gagctttcgt attttaaact 60
gttgtctctg aacaataaaa tctcgctata ttctcatcat gccattatgt tttgcagagt 120
ggaacactag cattccgatt ctgaatgatt ggcttatata ttgcacagct ctattcactg 180
ctgttttacc ttaggacagg tggtagcttg agttagttct ctatgggaac ccttatatac 240
gacgatgaag aaatcagcgt tgattgtctt ttgaaaactt c 281

<210> 2829
<211> 461
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2829

cttatngcaa caaatcaaca tgtgcttgct tatcgaacac atgcacattg agcgcatagc 60
ataatcagac aacaaacaac aacaaacatt tgcacttaaa tcaactaaca caaatattca 120
tagagtcatt agcataaccc aaatcaacct aacatcaaca cacaaaccaa ctaacacaat 180
tattaaacaa gttacagaaa agaggagaaa gacacaaacc aactaacaca attattaaac 240
aagttacaaa aaagaggaga aaaagggtag aaatcctggg ttgtctccca ctaagcgttt 300
ttttaatgtc attagcttaa cgggtcaaat gacttcaaga cggcattgaag gtcacataga 360
acacatnate cttacatttt cacttcttag ctagagactc catganaaat atgtatnctt 420
gagatggctt ccatatcatt gcaaggaag ggttggtgat c 461

<210> 2830
<211> 487
<212> DNA
<213> Glycine max

<400> 2830

tctaagggtg aacaacaatt gcatagaaac agtcatgaag atgagttcat ctaattttca 60
ctcgcttggt tggaaagaca caaataagaa gaaggaggga tcatcaacaa tcaatctcaa 120
tgttacaact caaagaactc aaaataagtt cgatgaggag ctaagaaag caaggagcta 180

tgaaattaag tgcttcaagt gtttgggaaa aagtcacata gtttctcaat gttcaactaa 240
aaagactatg ttacttaagg aggatagaga aataattagt gaatcttctt caaaatcttt 300
cccatctagc gatgaagaag agcatcaaga ggaaagaaag ttagaacgag atttggtcac 360
gattagaagg atgttgggta gccaaagcagt tgaattggat gatagtcaaa gagaaaagat 420
ttttcatgcg aggtgcctta tccaaaggaa gttatgctct ttgatcattg atggtgggag 480
tttcaact 487

<210> 2831
<211> 114
<212> DNA
<213> Glycine max

<400> 2831

agcttctcga tatattatgc acctgaatcg gacttccggt tgaaaagtta tgcagaattg 60
aatttctcga gagctttcgt tgttcaatta tgagcttgct gatatactat tcgc 114

<210> 2832
<211> 192
<212> DNA
<213> Glycine max

<400> 2832

gaacaatgga agctctcgag agatggacat gggtatgact tgtcacacgg acgaccgctg 60
catgcgcata ctatatcacg actggtgaat atcaagctcg ataagctctc gaggaatca 120
aatggacata tactttacgc tctgaacccc ctttcgcgca cataatgaaa agcaacgctc 180
gaagaaagac ag 192

<210> 2833
<211> 363
<212> DNA
<213> Glycine max

<400> 2833

gacacgggct tcttctcctt ttgctagttg tgggttaaaa agacaattgt gcaaaatccc 60
ccaaaattta acaaaacaat catcctcaat gtccacatct ggaagttgaa aaaagagttt 120
caaattaatg ttacaaatct tccataacta atgagggaca caaagtgagt aaaggttgaa 180

agaaatataa ttctagtcca agatgtatta attatcatgt atgtacccta gctttcttcg 240
 ggcagtaagt gataaatacc gcaaggtaaa ttgtctcaat caccaccacg aatgcattga 300
 tggtgataaa aagcgtttct ccggtcttca cataggcata aaagatccaa agcattgcac 360
 tga 363

<210> 2834
 <211> 381
 <212> DNA
 <213> Glycine max

<400> 2834

ctggtgagca ggtcactcat aatgtgaaca ttctgttga cttttaaaag gagaactaca 60
 aatggttctt ccttgaccag taacccccaa tccaaggtag atgaattgag tttaattact 120
 atccactttc agtataatta ttatcttaca ctctccattt atactgttaa tcaatcagaa 180
 atcatatatg aaaacaactt ttaagtaatt ttatataaaa gttaacaaac ttattatatg 240
 taccatacat aaactgctta ctcataaatt actattttta ttaagaaatg ttttagcttt 300
 gttaattata tataagttct gtgtattttt gccaacatta tcttgctata ctagtagaat 360
 gtttaatatg ttaaccaaatt t 381

<210> 2835
 <211> 627
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2835

caattttttt gtgttgata gcaaataatt tttttagtta gataccttat gtttgaattt 60
 gataatttac gagtttgata tatatagata ttattataa atattaaatt ttcaatatta 120
 ttaattaatc aaaaattatt ttaaaacaat gttaacaaga tattataaaa gttaataaat 180
 ttatcttggtg taaaaattta taaatagatg gccttgtaaa aaattaaaac aaacattttta 240
 caattagtgc atatgatgtt tattcataat attttgttta attgaaaatt atatttttaa 300
 tatatcatat taataaaata aatgtatatt agtaataata aaaaaattat tatttaaaata 360
 tgttatttaa atttaaaaat ttacttacaa ttaaatacct tactatttta aatagttttt 420
 attaatgtca ataacaaaaa attcaatgta aaattatttt atataaaaatt tatgtaaaat 480

acattgataa tgtaaaatta ttttatattg ttatcataat cttattaatt ttctcaataa 540
 caactttaaa aatcatattc aagttgatgt tcaacangtt aacatgacaa tgtaatttat 600
 ttttatattt acaatgcata ataatta 627

<210> 2836
 <211> 621
 <212> DNA
 <213> Glycine max

<400> 2836

tgtatgaggg gaaaaagtat taaacgttac atatagatac ccattctcca tcttttaagc 60
 gctcaagagc ttcaatcatg tgctcttgat aaattccacc acctcttgta ataggtatgc 120
 atttccctgt gcaagttacc attttagaaa caacagtact ctgtaaaaac aactagaaaa 180
 gcttttcagc atattttgat gcatatatta ataaacttca acccaatcat atgaaataga 240
 cagcagtaaa gcatcacagt aagtattaac cttccgattc aaacattggt agcctagtga 300
 agtgaaatgg gtttaattca atgctactga actatagaca aagacaacac acaaaaggac 360
 ttcattccaaa tcaccacaat gtaatacatt cattgaagaa aggccttgat agttgataaa 420
 cagatttggt atattcaatg acatttttgc caattctggt tttctttttt ctttttttga 480
 ttcagaatta aattttggga gtcgaaag a tactaaagtg ctttagctgc aaatttcctt 540
 ttcaacaact ttttaagcaac agatctgttg tggttaaagta ttgtcccaag atgaaaagaa 600
 acaagattga ggatctatgt c 621

<210> 2837
 <211> 579
 <212> DNA
 <213> Glycine max

<400> 2837

agcttatcta attaattctga aattgagaga aaatgattat taaacacaca aaatgtaa 60
 actaagtatt tattacctat acttaacaga aaatacttat aacattacaa aataaccata 120
 aattgggaga gtttgataga atttatacaa gttttataga caaaagttag ttgttttcac 180
 cgactaaca ctcccccaaa tttacagttt tgcttgctct caagcaaaaa gagaataact 240
 tacttttcct caagtgacaa tgacatgtag tgactatgta caaagtgta tgctacaaag 300

tgactaattt catgataaga gaatggagta aaatgccctc atcacttgtc tttcacaagg 360
tatgcagtta tccaaagaga agaataaaat gtaacctgaa cagatagatg aagttaggca 420
taagataaat atcaaggaaa gtagcttaaa ccacagtctc atggctactg tttcactcaa 480
gcacaagtgt ttaagctatt cattaatgac aactagcaag agatccaatc tttgaatttc 540
atctcatgcc ataaagtcaa aaatgtataa atagaatca 579

<210> 2838
<211> 527
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2838

tcttagtctc agctgatgaa gatgaatttg tggctacttc atgcactcct ctaatgacaa 60
tagcatcatt tctggcacta aattgctggg agttggaagc catcttctca attaaatttt 120
tggcttcagc aggggtcatg tctccaaggg ctccaccact ggcagcatct atcatacttc 180
tcatgaaatg tatgtgtggt acgataggta gcaaaaatac cttatcaaatt ttacgtagca 240
aaatgccttg ttgatttaat tagcaaaata ccttggttaat ttgtagcaaa aaaatagtaa 300
tataccttga ctatgcgtat atgtatttct taggtagcga aaaatgcctt gaatatgcat 360
gtataagttg ctctagggtt acatttggaag agagtcgtan gccgttggtg ctgcactttg 420
ctttaaaatg gcacttcctt gtaaaatgac tttccaaatg ttggcttttg taagaaatgg 480
ccccaagaaa gctttccaca aagacatcca agaaagacgt caccgaa 527

<210> 2839
<211> 571
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2839

agcttggtccc caagtcccat aattgttggg cctctttcaa cagctgattg ttacaaataa 60
ttttgctttt taatctccct tctgcttcca attttatttt ttgatcagc gaaggtaatc 120
tataaattaa ttggagtacc agaagtactt aatagtacat aaaggaccat acaaattggtt 180
ccacaatcag acattgatat tctgaaaggg aaccagagta tggatatata tttgctatga 240

aatttacaat aaataggctc gtaacaatgt aggctactac tgatacaaaa agctttgtgt 300
aaagctgctt gccattgat tgaaatggac tgtgaaacct ttctcaaaac cccttagcca 360
agaccacagt agaaaagtcg catcttcaaa tagtgcatta gcattgaaag tggcattgga 420
gaacactatg ttgtttctaa gcttccaaat agaccacgtt aaggctaacc accagtattg 480
ccatctgttc atccttactc cagcaagttg tacacccaaa tgttgtanga aatgctgctt 540
tgggcttaat gggaaagcac cttttatgtg c 571

<210> 2840
<211> 110
<212> DNA
<213> Glycine max

<400> 2840

cgagcgacag taggccttag aatcatttta ctatagtgat catagatgtc gtgatgggtg 60
cgagctcctt gaacgacatg tgtatgatgc tgggtgcacct ttctcttgct 110

<210> 2841
<211> 521
<212> DNA
<213> Glycine max

<400> 2841

agcttcttat ccaaggcaca tcttgggggt gaagctcctt cttccatggc ttattcctta 60
atggatagcg cctcctctca cctcctttcc tttgtcttcc gctgcatctc catgggggaa 120
aatcaccatt aaaggacccc attgaagctc aaagatccag cctccataaa agccccacaa 180
gcaagcttcc atcaagtggc atcagagcac aagagcttca agtaggtgct ccttaaacct 240
ccattaattt ttttctttac cttctcttcc attggtggtt cttcattttt ctccatgtat 300
ctcctcacat gtcttggtct aaatggtgtt aacatgattc tttagagttt ccaccgatta 360
aacttgctat agaagttaga tttgattttc tatggttcaa atttcttggt cttgttcttg 420
aaccatgaat tgtgttgagt ttacgctcct ttgagtttgt cttgttattt tttgtggctg 480
aatcctaaac cataaaattc ttacaaaaat attaaagtag a 521

<210> 2842
<211> 534

<212> DNA
<213> Glycine max

<400> 2842

tgcctgtccg atgcagcagt aatgatggcc cgagttatgt tggggaacgg ttacgaaccc 60
ggaatggggt taggcaaaga caacggcggc ataactagct tgataaatgc caaaggaaat 120
cgtgggaagt atggtttagg ctataaaccc actcaggcag atataaagag aagcatcgcg 180
ggaagaaaga gtggtggtca aagctcgag ttgagacaag aaagtgaagg aagtccgccc 240
tgccacataa gtagaagctt tataagcgcg ggtctgggag acgaagggtca agtggtcgcg 300
atatacgaag atgatgttcc gagtacattg gatttagtac gaccatgccc tcttgatttc 360
cagctaagaa attggctagt ggaggaacgc cctggcattt acgcaacgag cataatgtaa 420
acctttacgg ttttaaaagc tctataattg ggcctaggct tttaaagtttt tcttttgtaa 480
aggctttgtg tcttttggtt ttgaatttat aatacaaaga ccttttcttc atct 534

<210> 2843
<211> 503
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2843

gcttncaaaa cattcaagta attccacatc caatcatcat ggactaacia aaccaagcaa 60
aacagggcaa aagcagaaaa ctttgcccaa aacacaactc aaaatcatag cttttcacat 120
acaaataccc cagtaacatt tcttcgttc caattcgtaa accggtggat tgactcaaaa 180
attttactgg aagtctctag tacataagtc tacattatga ccgttgggat ctgctaccaa 240
atgtgcagaa ccccatatgt actatccttt tcacaaccag ccatacacia gcatttttct 300
gcacttatac aaaattctgc tgcacatttc aacaacaaaa ttctgcataa agtgcagatt 360
tcgaaaacca ctctttccct catccaattt tgcccaaatt gaatcctaca agtcccaaatt 420
catgtaccaa tcatgtctaa aacaaggaca agcttcagac caaagcaaca caaatctag 480
gtatccaaaa cccctcaatt aat 503

<210> 2844
<211> 627
<212> DNA

<213> Glycine max

<400> 2844

tctatagaag gttcgtccct aattttctcta caattgcatc acctctcaat gagctagtga 60
agaagaacgt ggcatttacc tgggggtgaaa aacaagagca agccttttct ttgctcaaag 120
aaaagcttac taaggcacct gttctagctc ttcctaactt ttctaaaact tttgagctag 180
aatgtgatgc ctctggagtg ggagttggag ctgtattggt accaggtggg caccctattg 240
cttatttttag tgaaaaactt tatagtgccca ccctcaacta cccacctat gataaagagc 300
tttatgcctt aataagagcc ctccaaactt gggaacatta ccttgtttcc aaggaatttg 360
tcatttatag tgatcatcaa tcaacttaagt acattagagg gcaaagcaag ttaaacaaga 420
gacatgcaaa atgggtagag tacctagagc aatttccata tgttatcaaa tacaaaaagg 480
gaacaacaaa tgtggtagtt gatgccctct ctaggagaca cgcattgttt tgctccctag 540
gagcccaaat tttaggattt gataatatta gggacttgta tgctttaaat gaacatttct 600
cttccattta cgagagttgt gggaaaaa 627

<210> 2845

<211> 455

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2845

cataatctac attttctctt gacgaggaat tgcctgaag cttgaccaca cttatccaac 60
aagccaacaa tgcaattaat tttaaaaata gaggctttgc aaaacaacat aatctttttt 120
ttaaaggac tgaattggaa aaacttgctt ccttaaacca caaatggggg acaaagcacc 180
aaaagaaaca agtcgatgaa agcccctact aagaacttca tcagcaaggt aagaaaggat 240
tgaaaacaac aaatctgctt gtcggacccc acacacaaga gaagaagcta actgggtttt 300
cattgataag aaagaaaagc ttagttgact tgaggaacac acaaatccag gaggcaaaag 360
tagaattaaa cttanaataa cttatgacat gaagtagtcc aatccgtggt atcaaaggca 420
ttaccagtgt ccaagcttct aaatcatatt accac 455

<210> 2846

<211> 340

<212> DNA
<213> Glycine max

<400> 2846

gtaacgtcgg caacgacaac caggacatgg atagcttagt gacgactaga aaatgatatt 60
tcatatggct ttagcgaaat catctttgaa gactccacac atttcaaaaa cggcttttgc 120
gaaaatgact ttggaacctc agaaatgatg atgatcttca ttttgaaatt tcacagtcaa 180
ttttgacaaa accatttgtg aagtgtgttc agtattaaca agaatgtgac tgcattctatt 240
aacaatgaca atcatttcat agccgactca gataacgcat tgtaaaagat gcattttattg 300
actaggatag gcagaggaga ttgaaaatga gtttcatttt 340

<210> 2847
<211> 306
<212> DNA
<213> Glycine max

<400> 2847

cagctttgag caaattcaaa cgacaataac ttttgaatct gatgcccgat tgggccccat 60
aggatattaa gaccctttta tttgaaaacg gaagctctta caaaaatcaa accacattaa 120
cttttaactc gaatgtccca ttgagcctct ttattatata gagacgctgg aaatttaaac 180
cagaagctct ttgaaaaaac aaacgacat gactttccac tcggatgacg gaaagagcgc 240
cgttatatat cgagacgctt gaaattgaaa gctgatgttc tgaggagatt cctacgacaa 300
taactt 306

<210> 2848
<211> 427
<212> DNA
<213> Glycine max

<400> 2848

tcagttttca attacgagcg tctcgatata ttacgggact caatcatata tccgaattga 60
aagtttttgc cattcgactt ttcataagac ttctgttttc aatttcgagc gtcacgatat 120
attaaagggc tcaatcgac attcgagtta aaagttattg tcgtttgatt tttctcagag 180
cttcggtttt caattaccag cgtctcgata tctacgaga cacaatcgaa catccggctt 240
aaaagctatt gtcgtttgaa ttgggtcaga gttccggtg tcaattacca tcgtctcgat 300

ttattaccgt actcaatcgg acatccgaat tgtgagttat tgtcactaga cttttcatag 360
aaatttcggt ttcaatttcg agcgaataga tatattagag ggctcgatcg gacatgcgac 420
ttaaagg 427

<210> 2849
<211> 488
<212> DNA
<213> Glycine max

<400> 2849

agcttgccaa cccatggaag ctctaatat ctccacact ttttggggtg ggccattctt 60
ggatggcctt gattttctca aggtccactt ggacccatt tctaccaact acaaacccta 120
agaaaactat attatctaca caaaaagtac acttctctat atttgcatag aggggtgtttt 180
tcctaaggac tgaaagaact tgcctgagat gtcctaagt atcatctagg ctctactgt 240
acactaaaat atcatcaaaa taaacaacta caaatctacc tatgaaatcc cttagacat 300
gatgcataag cctcataaag gtgcttggtg cattagtgag cccaaaaggc atcactagcc 360
attcatacaa accaaacttg gtcttgaaag cgtttttcca ctcatcacc tttttcatcc 420
tgatttggtg atacccactt ttaagatcaa tttttgaaa gatattggca ccatgcaact 480
catcaagc 488

<210> 2850
<211> 593
<212> DNA
<213> Glycine max

<400> 2850

tatcgtcatc gattacatgg ttctttttta gactggttga tttttcagga gtctctactt 60
caatcgatta ctagtagata taatcaatta cttctctctt aaaagtgttt tagaagtgat 120
caagaacact ttaattgatt acatcaagaa tctaattaat tacattgttc ttgaaagtgtt 180
tccagttttt gggaagaaca ctttaatcga ttgaaatgat aatataattg attacttctt 240
cgaaataatc aatgacattg tatatttaaat cgattacagg tgggtataat tgttttctct 300
ataaatagcc accatgtgtt ctacttctga acaacttctg aatgagatag aattacgagc 360
tgatattagt aaaatgaaaa aaagaagaaa aagttcttag aaacaatgtg actcacaact 420

tctaattcttt gattatgaag atcattttgt gaaaagtgag ttgtgaattt ttcttgagtt 480
 caagaaggca cccattcatt caagcccaag tcttgcatat gtttgatcag ggtttgccta 540
 tctttggact tacttttcgt ggggttacac attggtagtt tgtgcatgaa ttt 593

<210> 2851
 <211> 544
 <212> DNA
 <213> Glycine max

<400> 2851

agctttgaga ttttaagagga acaagaaata ctattaaggt tatgggtttg caaaggaaaa 60
 aagagaaaat gaagatgaag ataaaaaac tcaccctttg tgatgattgt tatctggcaa 120
 tatttttatt ttattaatga aggtaacttt agacggatga aatgatcatt ttgaattaat 180
 ttaaaaagat aaaggattaa actgaaaaaa agaagataaa aactaaaca agtcatttgg 240
 ccttattatt atttttaata tttattatta ttatgttaaa gctgaaatat aatattgggt 300
 ttcataatac aatgatttca agtaaattta ttttattgta ttatttctaa tttttaaaaa 360
 agatgtgtat ttttaatttt tgaaaaaata tgtattattt ttattaaata taagactaaa 420
 aataatattt aaattaaaat taaaactaaa aaatatcttt aaggacaaaa ttacgcttta 480
 ttctcaagga atttgatttg attttaataa ataaatgagc ctataatttg caacgacatt 540
 cata 544

<210> 2852
 <211> 618
 <212> DNA
 <213> Glycine max

<400> 2852

ggaagcgctt cctaattcatg gagaattggg ttgggatgaa aaaatggaag gccaacgttc 60
 accaatcact acaaacagga aatcgaaaga tgtagagagg ttaggcattg gaaaagagag 120
 gtcaggtgca agatttagag tagcatttta aaattaatct aagccattaa tttaaaatga 180
 aatagaagat tcagattgag agtaatttga aacctaacat gatgaggggt aaaaagaatc 240
 ttaattgacc tttagccttg atcaaccacc caaagtgata gtttcaccaa gtctagaaca 300
 tcgatctgag aaattataat tactttatat ataattgaac aaaagaaaat agtaggttca 360

atctcatccc tccaaattca agaataagaa aaatgcagat acatgtgtgt gaatatatgt 420
catagaattg aatagattgg gttccattcc attctatcct ttcttttgta atttacagaa 480
atTTTTTTTgg tatatatgta ggttaaataa tgtaacataa ttttattgcc attcattttt 540
ttccaattaa ttttatttca ctaattaatt cataatttac tccttttttag agataaatga 600
aaatgtttat gatgaatc 618

<210> 2853
<211> 538
<212> DNA
<213> Glycine max

<400> 2853

agcttctact tatgtggcag ggcgggcttc cttcactttc ttggctccaa cgcgagctct 60
gaccactgtt cttccttccc gcgatgcttc ttttcatgtc cgcttgagtg ggcttatagc 120
ctaaaccata cttcccacga tttccttggg tttttatcag gctagttatg ccgccattgt 180
ctttgcctaa acccatcccg ggttcataac cgttcccaa cataactcgg gccatcatta 240
ccgccgcac ggacagacaa ggttgcccaa agagggagtc cacggaggaa atgctgacca 300
cctcaaaaga ctggaaagcg gtttctaacg attcttctgc ggcttcaca taaggcatgg 360
aggatgggca gcttaccaag atatcttcc cgcctgacac gatgaccaag tgcccctcca 420
ctacgaattt cagcttttgg tggagtgtag aaggcacaac tcccactgag tggatccaag 480
gcgccccaca ggcagctgta ggggggttaa tatccattat ttggaagcga cttgacag 538

<210> 2854
<211> 664
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2854

tcaagaataa tcnagtttca agattcaatc aagtttcaag actcaagaga agactcaatc 60
aagataagta ctaaaaaagt ttttcaaac attgagtagc acaagaattt ttcacaaaat 120
cttttaccaa agagttttac tctctggtaa tcgattacta gtagccagta ttgttttcaa 180
aactgattta caaagctgta atcgattacc ataatcatgt aatcgattac caatgtttta 240

aaacgttaag atttcaaatt tcaagagtta caacttgtgt ttaaataatt tcaaatcatt 300
 ttaaacttgt gtaatcgatt acacaatact tgtaatcgat tacctaagct tctaaacggt 360
 ttaattttca aaatttaaaa tgaagagtca catctgttga tgtgtaatcg attgcacctt 420
 aatgctaatac gactaccagt gactgatatt gaaaaatata tttccaaaag tcacaattct 480
 tcaagtgact tatttctgaa gattttttca aaagtcacaa cttttttagt ggttacgttt 540
 taaagaaatt gtcaaaagtc acaaactttg acttgagtca tcaagagatt ataaatttgt 600
 gaccatggca tgaatttcac aatcatctaa ttatcaatca tctttgaatc atctatctat 660
 caat 664

<210> 2855
 <211> 978
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 2855

ggcgcgcggg gggactctca ccgtgggntn ccctctctc cttaacattg actacaggcg 60
 ggcgaagcta gtagtgcaac ctccccgta gaaccgggag tgtaacgtgg agacctctgc 120
 cttctcgaga gatctgagcc cccccctcg ngacaagctc tcngcccatg aaggaaaaaa 180
 aattcttttt aggtgcgggg cgtagccggg ggaagcggag aatatcacta tcgtaaatac 240
 cacaccgtcc cctttggtta agcacggtct tcgcgcaaca tcttaataata gtcagggagg 300
 gcgaactctc atacggaaga caatggagaa tttgaaccca accttaaaaa gaaacaggga 360
 ttctcccggt cgacaaagaa gcaaaacacc ccttaccagc ccgttcgggc ccctatttat 420
 aatttttaat aatcacctac tcataatgcc gaaaggcggg gatataataa ttgtgggtttc 480
 ataataacaa cggatgtccc aggaaatgtc actgcaatgg ggcgatttct caaacctaa 540
 aaaaggatgg ggaatcttta cattcttga aaaaaaacg gaataatttt caataaaaca 600
 gcacgaacca accacaatat ttacatgca aaattcaggc ctacaaacaa atcttttata 660
 gggaaacaaat aacggtctat ttctccagca atctcggact ggagcttatt aaataaaatc 720
 gggcttgagt atttgggagg gacattctac acataccgct tcttacgact taccaaaacc 780
 ttctttgaag acagcactgt gggagagata attttctaac aaacactttt ttagaagagg 840
 ggggtgttata aagaaagagg ttcaggcctc acttagccgc ttttatatac catcgctcga 900

cctgcgaatg caaatcttct tcagagaatt accatcgacc atgacctctg ggatgctaata 960
 caacctgctg ctgtaccg 978

<210> 2856
 <211> 448
 <212> DNA
 <213> Glycine max

<400> 2856

tagaatgatt gcacttcgtg ctctatcttt catctttgat gtcccccttg agcctttgag 60
 attcagacat cattccttct actttaagag cttatgcaca accatgttga atccagattg 120
 cttacatctt gaatcttcat aaccctaaagt ctttttcccc tgaaaacttc tctatatcat 180
 attttgtggg tcccatcttt cttgatcctg aactattccc cacagacagc gccacttgctc 240
 ggttcttttg aaaagtcccg caactcttaa acctgcccac gatcagaaca tgaacctgag 300
 taaatatcat tcctgacctt ttcatgtggg ctagaacccc aagatgtaca tggttcacca 360
 ctctgcctac ttacaatcat cacatcggtc acgaaagtgc caatttcatt tcaagccaac 420
 tggctaactt tggagctctc ttgctttt 448

<210> 2857
 <211> 301
 <212> DNA
 <213> Glycine max

<400> 2857

cggcaggatg tttcaatgga ggaaaagaaa gagggagaga attatatatg ggggagcacg 60
 aaattgaagg aagaaaaagg gaaagaagtt gaactttgag ttgtgtctca caagactctc 120
 attcatcaaa gttaccacaa gttttacaca tgcttctatt tatagactac ggagcttctc 180
 tgagaagctt tcttgagaaa acttccttga aaagcttttt tgagaaaact tccttgagaa 240
 gctagagctt agcttcacac acccctttta taactaagct caccttcttg agaagcttct 300
 t 301

<210> 2858
 <211> 615
 <212> DNA
 <213> Glycine max

<400> 2858

ctctagcctg ctcaatgggt agacatgata catgttcaag gttcgggtctg gtttcaagac 60
tcaagagaag actcactcta tatccgtgtc acaaatgctt tcaagacgat gaggacacta 120
tatgctttca cggacatggt tgcccctgag tgggtcccttc tgggtatcaa ttacttggac 180
ccgggatggt ttggctaact gatttactac tctgatatcg attaccataa tgatgtcatc 240
gattacccat gttttaaaac gtgcatatat cctatttcat taggtgacgac ttgtgattaa 300
atatttgcaa atcattctaa acttgtgtaa tctgattacac tatacttgta atcgattacc 360
taagcttcta aacgttttaa ttttcaaaat ttaaaatgaa gagtcacatc tgttgatgtg 420
taatcgattg caccttaatg ctaatcgact accagtgtgact gatattgaaa aatacatttt 480
ccaaagtcac aattcttcaa gtgacttatt tctgaagatt ttttcaaaag tcacaacttt 540
tttaagtgggt tagtttttaa gaaattgtcc aaaggtcaca aactttgact tgagttctca 600
agagattata aatat 615

<210> 2859

<211> 513

<212> DNA

<213> Glycine max

<400> 2859

agcttgtagc gtttttatag attggttatag aagctcttaa aagctgtcct gtaatctgtc 60
accataagct aagcagtagc cttcatcatg aactattttt tgtactatct gtcaattcat 120
atacatatat atatatatat atatatatat atatacatct cagcaaacta aggttgagga 180
tccttttttg gtgcatatct tcatactcaa acatttcaag taattctaaa gagtctaaac 240
gtctaaccat tttaattcat ggaatctaaa taagccttat agatgcaaac atccaagata 300
ttaccattca tgataattta atcatttgaa atagactaa ctgcagataa cacaacctt 360
attacaattg ctttatctgt atatccttcc ccgcgggtcac taaatgaatt tcgcaccata 420
ctcattggct acaacattta acgaacaaga caacgaatta ataagccatg acaagggtt 480
gaagaaatct atgaataacc ctatggagaa act 513

<210> 2860

<211> 304

<212> DNA
<213> Glycine max

<400> 2860

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tcttagtttc agatgatgca gatgagtttg tagctacctc gtgcactcct ctaatgacta 60
tagcatcata tctggcacta aattgctggg agttggaagt tatcttctca aataaatttt 120
tggcttcagc aggggtcatg tctccaaggg ctccaccact ggcaacatct gtcatacttc 180
tctccatgtt actgagtcct tcataaaaaa tattggagaa gaagttgctc cgagatctga 240
tggtgagggc aactggcata tagtttttta aatctttccc agtattcata taggctctgt 300
cgca 304
```

<210> 2861
<211> 263
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2861

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agcttgccctc cttcttcata ctatgtgcc aatattccga ccgaagtttc agtatccttt 60
gtctccatgt gtgtgtatat atatgagaag agatcaaatt tacaccggta taactttgac 120
aactattata ccattctata atttttcaac tgattaatgt gttcttaaaa cttaccattg 180
catcgaaagt tcattttaca tanattacat accccattt tatattaatc tacaattatt 240
cggtagccctt atccatatag att 263
```

<210> 2862
<211> 960
<212> DNA
<213> Glycine max

<400> 2862

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ctgttgagac atcgctggcg atgcgaacc gactactaat ataactacgt catagcctta 60
ttgcacaat ctgatataac atgtgcctac tttctactga ggactggatt tcatgtcttt 120
cacagtagca caatctaact tccacatacg acttagctat ggtatgacta tacactcgaa 180
tacaccattt gtcctctct gaataagaag atatatacca cagtcgtatc acaagcaatc 240
gcctcttagg tacgaatgcc tcctcactga catcactaat tatatacacc ggttgcttca 300
```

ttgaaaacgc atctctccac aatatttcgg gaagataaca actttttacat cggatccgaa 360
 cacgactaaa tattaatctc gattatcttt ctttcgacaa taaatctggt gcacaaatgc 420
 tctagtctaa gaacgattac ccagtgcggt aataatcagc ctgtgtgtat aaaccacca 480
 ccagtgtgtt tctcactctc caaccagctt cctgagtgag gatacatatt accaagcgga 540
 tggtttgtgc tcttgaggct ggtgacagaa ggaggtcttt acaaaccaaa gtgagctccc 600
 ggcttaaaca tgttctacta tcagagaaca ttttcgtgaa aacgtgagct cttgaatggt 660
 tccttgagct caagaaggcg gcccaatgaa ttacaacca aatcctgtgt tggaccgaac 720
 cacgtgtgtg tgtaagggtg acctctcctt tcaaaggggg aatacacgtc gttcgggttcg 780
 ggcttgattt tcctagggcc cgcctcaaca agatactcgt tggcggtcga taccgcagca 840
 cccttagggg ggaagcctaa gcctctttcc aaggggaagc accgtacttt ctgtgggaaa 900
 ttcttcttgc atggcgcaaa tctatctggg ttgggttaca tacctaattt acctctctac 960

<210> 2863
 <211> 508
 <212> DNA
 <213> Glycine max

<400> 2863

ttatctccaa ggcatagaat gattgcactt cttgctctat ctatcatctt tgatttctcc 60
 tttgagctta gagattcaga catcatttct tctcctttaa gagcttatgc acaaccatgt 120
 tgaatcaaga ttgcttccat cttgattctc cataacccaa agtcattttc ccctgaaaac 180
 ttctctatat catattttgt tgttcccatc tttcttgatc ttgatctatt cccacagac 240
 agcgccactt gttggttctt tgtaaaagtt ccgcaactct taaacctgca caagatcaaa 300
 aaaagaaaaa aaatagaaaa catagcaaac aaatacagca gagcaagaac ccaaagattt 360
 acatggttca acaatatgcc tacttccaat catcacattg atcatgaaat taccagttca 420
 atacaagcag caactaactt tgatctctct ttgtttctct tttgacaaaa cctctctcaa 480
 tcacctagct tactacctcg tttttgaa 508

<210> 2864
 <211> 1070
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2864

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ggcaggtggt tggttgtgtg anacntataa tctatgacan tataatcaag tgtgagagtg 60
ntgtatagan gtgaatggga acagaggtga gagtaggatg atatgaggtg gaattatatac 120
ncanccagtn ncnncacga gggttgtgga catggaagta gcnacttgtg ganagnaacc 180
cactcanaat tttggtggag aaaagaccct cnnncacat tnatnanana ttaataatgg 240
tntgggacct ttccttatat agtgtgtgtg tgttcagnga tcataaaatt ttgggaacgc 300
ttagagggaa aataggagtg taatattggg atttcgatgg gaacaataaa ttaagggagt 360
gggaggctct tgggttaatt atggggaatt gaggagagta gaggggatag gaagcgtggn 420
tggttacaga gattaggaga ggtgttaaga aaagtatggg ggagttaaag ttagaggggg 480
agattagtgt aggtagggga gataggaggt tttgattgtt tagggataaa gggggtaatt 540
gttaaaagta aatttaggag ggagttaggg gagaaaaatg tgaaagaggt ttaagaagaa 600
aagttagagt aggtgggggg gaaatgtaat tgggggaagg agattggaga tgggtgaaaa 660
ttggggggtg aggtaatgaa ttagaaatga tggtagaagg ggggttattt agacaggtag 720
gagggacgtt acaaaaatgt tggaggaaag gtggaatagg agaaaaggag gtatgggtgt 780
gcagtgggtg ttgagaggaa gatgtagagg ttgaggggtg gagaagggat aaagagaaaa 840
tgggggggtg agggataaca ggggagagtg gtgatgggga gagagatagg aggtttgggg 900
gatgaagtgg taagtattgg tgtgataagg tgaatgttga gggaatgggg gattagtggg 960
gaggaagggc gaggagtggg gtaatgggga gagtgaagag aataaatggc ggaggtaagg 1020
gagtatgaaa gaggaatatg gtggttgttt gtgaggaaat gtgtgggagt 1070

```

<210> 2865
 <211> 302
 <212> DNA
 <213> Glycine max

```

<400> 2865
cgacgtttga tgttgggtgat aaaatgaaac ctttttttct cttcctttga tgttgattgg 60
ctaaccatgg cgtggcaaac attttttctt cctctctttg actccaattt tgttttatac 120
atacagcatt catggaaact gttaaaaacc acattgtttc cgggggttatg atccccatac 180
aggggaatttt tacgtgatgt ctttgggatg aaaaatgcta ttggagtggg ggaaacttcc 240

```

ccttggaccc caaagctatt cttttattcc tttttcttca caaaagtact tttttgatcc 300

aa 302

<210> 2866

<211> 911

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 2866

ccccgccccg tggaaccttc cgccacaccc tcccaccccc ctcttcaagt ntaattgcgg 60

atatccttcc ctncnctc cccagccaa cgagagngtg tagactcgtc ggaaccccg 120

cgatcctcta gagaacacct gcaggcctgc catcttagca aaaatagacc aaaacttcgt 180

aagttatcta accctgaacc cagcccaaca agagggaccc gaggatgaag cttaacttta 240

gttattccaa acccaggagg gtcgtctaaa ccaagcctat cccaacaaga gggatcctgg 300

gaccaacctg atgcaagcct ccttggagct tgcctgccta ggatcttctt catcaatgga 360

ttcccttgct tcttgaaga tgaatggcac cggaatgaat aaaggaagag agagaggaga 420

ccccacttc aaggagaaga taagtctaaa agaagccac caccatagga ggccatggat 480

aacaacttgg aggaagaagg agatgaatgc tcggagagga agaaaagagc acaaaacttt 540

gggctctaaa gagctttgaa aactgaagtc taaaattcaa atgatcacia gctccaaaaa 600

aagcccacac atgacctcta tttatagccc aaggggccac acaaaatcgg caggaaatct 660

gaattccatc caaaattcac ttgaatctgc gattgaattt gcggagccaa acttggggagc 720

ccaaatttcc taaatatgat aacggaatct aatatgggcc agcccaactaa cccagaacca 780

ctccacaaat tcccataaag ggctaagggg tcacgaggcg gcaagcatga aggacatccc 840

acaggggtaa acatgaacgg ccacggggcg cacaaacata aggccatctc cccctaacc 900

aaagacggga t 911

<210> 2867

<211> 282

<212> DNA

<213> Glycine max

<400> 2867

gatgaaatcg tgacgcacta tttgcatatt ataaaagact acaaaatcgt aaaaggctat 60
 ctgtgactat aattgcgga aaaagaaact gataaaaata attaagagtt agtactgcaa 120
 ttgatcccat agagtacatc accgtcactt taggggagcc aaatccacct ctcaacactt 180
 tagattgtag cctatagatt taccatttca ttttataaat cgggtgtatac ggcgacggtc 240
 agaccataag gtgaaactga acaatgaata atgacatgcc tg 282

<210> 2868
 <211> 437
 <212> DNA
 <213> Glycine max

<400> 2868

gaaaatatct attgttacta cccgagatac aggttttgct gctcggccta ttggcaaadc 60
 caactgcac aatgcatctt taacaagcat accacgaacc agagcagccc ccaagttgac 120
 ctccctttgga ctctaaaata ccatagaaaa caaggatgtt aaaatgtgca actagtcata 180
 tattaatcag acccttctta aaccataaat taaggcattt tccacagcaa accagggaag 240
 gcatttcaat gggtaaaaaa ttagacgcca acttttctgc aaaataacat ggtgggttaa 300
 acacagaagt ttcttatgca gtacctaggc agtggcacca cataaatgta acaaacatt 360
 tgaatctttc aatatattatg gtatggctaa gcggaacata cttgcgaaaa tacttaaggt 420
 cactttagca tgcatac 437

<210> 2869
 <211> 651
 <212> DNA
 <213> Glycine max

<400> 2869

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 tatttgtttg gaacttttca caatatggaa gatgacgaaa aaatgttgat agtgaccaca 180
 acaatgcaaa attttataat agtatgttac aacggcatat ggggagagga aaagaaggaa 240
 tatacaaggg cccgggcca tgatgcaaca tactacctta atcacaaaat aaacattatt 300
 ttgtcactca gtatggaatt ttgcaatcca caaacaacaa catatgggga gaagaaaaca 360

aggaatgttg tatgatatat atttacaata gttacacgcc tttgactaaa atatatttcat 420
 ttttgcgatt ccttgtaaag atcacctttg gatccatact atataatcaa ataaactcgg 480
 ctttataata ataattcaga aataacaaag taaaaccttt tcggtgaact ttggcatgtg 540
 cttctttaga cgtcaaattt ttttcttctt tgacatgtgt ttgtctaacg cggaacaacc 600
 aaagcaaaga cccatctttg gtggttctct ctcttctttt gggttctttg c 651

<210> 2870
 <211> 309
 <212> DNA
 <213> Glycine max

<400> 2870

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 ccctcgccca gtattatgat caaccgttga ggtgtttcac ttttggggac ttccagctat 120
 caccatggg ggaagaattt gaagagatcc taggatgtcc tctaggggga aggaaaccat 180
 acctcttctc agggttctat ccctcattag ctagaatttc taaaatagtc caaatctcgg 240
 cacaggaatt aaacagcggg aagcaagtcg aaaatggggg ggttgggaata ccgagaaaat 300
 ctttggagg 309

<210> 2871
 <211> 649
 <212> DNA
 <213> Glycine max

<400> 2871

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 tgattaatgc tgtctctaga acatttccat tggatttaat gatgaaatct gtgcattttt 120
 aggtgaaaaa gagactacgt tttgaattgc aaaaagtagt agatgggtta agctcagcag 180
 ttgggctaag cgcataatcca ccgctaggcg cagcttcagc gtgcttagcg caaaggagaa 240
 tatggcagag catcagcatc aaggctcgcg gctaagcgcg agatcaatga gctaagtgca 300
 gcaggttcct tcagccaggc taagcgcgag actggcgcta agcccaattt cacttatgcg 360
 cgctaagcgc aacattggga tttcagagcg tatttaaagc ctgtcttatg cagaattagg 420
 gtagacaatg gccggggcac aaaattccag agcagccata agcctatttg gggaaaagag 480

ccctataagc agaaaaaggg gggcagattg tgcattaaag cctcagggtt gtcatttgag 540
agagattatt gagtaaagag tgagtgtgag atgctgagaa gaggaggagg aatccccctt 600
cttgtgtaga aactatcaat tcttgctttt aatttcattt attgttaag 649

<210> 2872
<211> 424
<212> DNA
<213> Glycine max

<400> 2872

gcatgcaagc ttggaagtca aaattagcta accaatgtca acttattttc ttgtagccta 60
agtcttgaca aacaacaatt cattcaccag ttttttcaaa ttcaaaaagg acgaaccaaa 120
agtatatcat ttggatctat ggtacgatag atgccagcaa ggtcccttaa agtgatgttc 180
ttcaagctag gaatctaate tatggcagag tctaaatgac catttggtcaa atagtttgca 240
tttgaaaaag aagatcataa tagaaaaata ttaatacata gatatcataa tcataaggga 300
cttgctaatt actatacttg gttattagtt aaagaactaa aagaagaaaa tgatattgct 360
tattgaatta aatactacac tgctattgta agacatagtc tgctttttca ccaatatggt 420
acat 424

<210> 2873
<211> 498
<212> DNA
<213> Glycine max

<400> 2873

cgtgcattca atatcctgat gaggggtgttc catatgttct caagactgga ctaatacatt 60
tgctgccccaa gtttcatggt cttgcagggtg aagatcctca taagcatctt aaggagttcc 120
atattgtttg ttccaccatg aagccccctg atgtccagga agatcatatc tttctaaagg 180
cttttcctca ttctctggag ggagtggcaa aagattggct ttactacctt gctcccaagt 240
ccattttcag ctgggatgac cttaagaggg tgttcttgga gaaattcttc cctgcatcca 300
ggaccattgc catcagaaaa gacatttcag gcattaggca acttagtgga gaaagcctgt 360
ataagtactg ggaaagattc aagaaattat gtgcaagctg ttctcaccac cagatttctg 420
agcaactcct tcttcaatat ttctatgagg gacttatcac ctggagagga gtattattga 480

tgctgccagt ggtggagc

498

<210> 2874
<211> 486
<212> DNA
<213> Glycine max

<400> 2874

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taattaaaca caagtagagt ggttcaaaat ttaagtaaa attatattat tattttgaac 120
ataatTTTTT taatagggtt acacttataa tataaaatca cttatacttt gatgtaggaa 180
agaagcttga caaacaagc taattgaagc aagcaagaaa taaaataaat tattgaaaaa 240
atcaattgtg caaaagacat ttgaaatggt agcatctttt aatattttat attagttttc 300
ttacaagtta tataaaataa ctcatTTTTT attttgtgat tatttttata tgatatatga 360
aaggttggtg aaatttataa agacattatg cattatatta tattatttaa tttgtTTTTT 420
actatataaa ttttaataga aaaaagattt aatatctggt gaatgacaaa aaaattaagg 480
taaaga 486

<210> 2875
<211> 440
<212> DNA
<213> Glycine max

<400> 2875

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aaacaaagta tctagaaatg tgacactaaa aaatatacaa tatctatcag cggtgagaac 120
aacaccgaaa ctctatcaaa cccaacctt tcatatcaat gttgtgctga aaaagaccta 180
aaaccaatca cttaattatt tgcacctcat ccttaggcaa cttgaatctc tcaagtaaaa 240
gtcatacata cctgagttaa gaatccaatg gttttaaagc atctttttta aacttattta 300
taaatttttag atcctgcatg aatccatatt atagcaatta aacctgcagg atgactatgc 360
atattcatga aagggaagc cctaagacac agattacaac agagataaaa ttcagctaca 420
aaccgaaat tctcacaaga 440

<210> 2876

<211> 432
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2876

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 aacaattcaa caattcaatt tggagaagag gttgtctgat aaaagctttg accattcaaa 120
 atggactatt tcctcccaac cagcgtcaag aagccaggag gtctcaaata tgaagttcct 180
 accaaaaaat tttctttttg aggcattccag gtagaggaga ataaaggagt gatcagattt 240
 ggcaagaata ctttttgaga atatggagtt cgggaaaaga tccatttaat caatagttgc 300
 aagaacctta tctagtttct cctcaataac atcatgtttt cctctgctac gggcccaagt 360
 gtactgatat ccttccatgg ggagatcgtg aaggttacia ttaaaaatgg cttttcttaa 420
 accatggggc ta 432

<210> 2877
 <211> 1167
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2877

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 gattttttga catcctttcc tatgtacnga cactatanaa tactcaaact tccctgtgct 180
 ggaatcaact tgggaagtat cgaaaactgt tgcctttctc atatttacia aactgcattt 240
 ctctttgggtg gtgagaggaa tatatgatat atctcacttt taagccatca catgtaaatg 300
 aatatttgcc catggaaaaa aatattttcaa tgtacctaca gtcaagatag gtgggatgac 360
 aactaaaggt tctacacgga aatttatggg tattctctgt agaaagttaa gatccgtctc 420
 ttctaaaatt tgagccatga tccatttggg tgacagcctg cttcttgga taaatatttc 480
 cgagaaataa tgggctcaaa ataaaatttc ccatcaattt gtaaaggaag ccaatttttg 540
 gggaacattt attaccattt gtagtctcga ggttcttaat aaggaatatt taataacaat 600
 gaagttggct ctgaaagatt gggatggtaa tattgtatgc gcaatgaaaa agcctttgtg 660

tttcatagct aattgataca atagaattca cacaataatg taatgaacgc gtaccagaga 720
ctcaaaatgg atgaccgaga tatatttgat ttttaccctt atgggttaaa atacttgaac 780
acacaaaagg acttttaggtt agaatgaaac ttatgaagga ttttaactata tggttgaaca 840
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atagcacaca ttaattatat gcgataatga ctgatcggga aattctttgt ttctgatgct 1020
gcaaatatga aatctttcgg cggtataaac aattagcaca tgtcttacta ctaaatacaa 1080
acaactatac tttggctaaa taactcatgc cgcttagaca ctaatacaga ataggtttca 1140
tatctaatat tgaaatgaga gaaagcc 1167

<210> 2878
<211> 881
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2878

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actcgcgcaa acatcacgaa naaagagttg acacgtgcac ccccnntt tnaaaanccc 120
ccaggcntca acncggaacg tcacggagaa aacacttttt ttttaggaac acgggaaaaa 180
aaccggggga ataataaaa gaagtgaaaa ccgaaagagg taaaaataag gaaaacgggg 240
aggaaggccg agaagagaga acccgggggg agcgggagaa aggaaacagg gaaaagaaca 300
gaaagaaaaa aagggcaatg ggacgtaggg ggaagaggga aaagcgtcaa acgaggagag 360
agactcgcgg acaacaagaa aacaggaaaag gaagcaaagg gcgaaagggg gaaaagggaa 420
cgaagaagaa aggcaaacag aggacagcgg aaccgcgggc agaagagaag gaggaaaggc 480
ggaacaacgg gagaagaagg aaactcgcac aacgcagaag gaagaaatgg acgaaaaagg 540
ggaaagcggg aacaggggacc aggagcgagg aggccgaaca gcggaaggga gacagaggac 600
gaaaggcgag aaacggggga aagggggaaag gggagaaaaca cgagaaaagg gggggagacg 660
ggacaagagg cgggggagcg cggaggggag aaagagggga acaggggaga aacagggaag 720
cagggggaga aaagggacac aagacgaagg aagaggggga gagagcgaga acgaggcggc 780
gaaagaagac caacgagaga gaaaagcgcg gaccaaggga ggaagaatgg aggagaaagg 840

gagaactacg cgccaagaac aacggaaaaa aggggagaaa g 881

<210> 2879
<211> 305
<212> DNA
<213> Glycine max

<400> 2879

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tcagaacttc attggaagag gtgaggttgg gatggtttac tagggcattc tacctgatgg 120
ctcaatgggt gcaatgaaac ggcttgaata atcaaattct caaagagatg ctgtgttcta 180
aagcgaggag gacattgtta agcaccttga agcaccgtaa tctggtgcca ttaaaaggaa 240
gttgcaccat tggaagaacc aatttgggaa attatatatt gtgatgggtt ttaaagatat 300
ttaac 305

<210> 2880
<211> 330
<212> DNA
<213> Glycine max

<400> 2880

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agaggatgct tctttttcaa tttggatcat gctgttggtg tgacttggat tctatgaaag 120
aaaaggattt ctaaaggaag agattaggac gttttttgca gctgcaggag gcaactgaaa 180
tgagtaagta atctgtgcca ctggtaatgg tgcataatatt tttactttgg aaagagtaga 240
aagtttttat tgaaaaatgt tatgtatatt tttttttcta acctacgtaa ccttgcacaa 300
gttaagtgtc ttaataatc cccccccccc 330

<210> 2881
<211> 587
<212> DNA
<213> Glycine max

<400> 2881

tctaccctat tttcctataa atagggggag aggtgaaggg aaaaaatgtc cagccctcct 60
ggtaattcga gatcacttga aattagtga aaaaatcggt tccgtgaaga aaatccaagc 120

caaggcactt ccgtaacggt ccataatgt tccgtgggt gatttcacga agattttcga 180
 ccgtttctcg acgtttctcg ttcgtttctc gtcgtttctt ggtcttcaac cggtaagtac 240
 ccgaaatcga actttttcaa ttcattctat gtacccttag tggctctcat ttgttttcac 300
 gtgcttttat tctcatttaa tttactttct gtacccctt ttgacgtgct ttagtcattt 360
 acttaagtca ttttctcccc taatcaaaaa taaaataaat ttccaccgat catttgaatt 420
 gtaacattcg ttaatctctg ttaaaatgaa atctgaccgt tcggtcatgc cataaccacg 480
 ttgggtaacc aaatagaggg taaattctaa tataataatt caaaatatcc ttttagtaaa 540
 attaatcaca aaaatcaatc ggacgttttt ttttgggatt tttttttt 578

<210> 2882
 <211> 578
 <212> DNA
 <213> Glycine max

<400> 2882
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 cttggaagca acaggtctag gaaattatga caaatatctt ttgttgcagc tccctttaat 180
 ttcacagcat aattctaaac tttagtataa tttgtatgca ggtatgattg ggatagttga 240
 ttataccaat tatgatgata tgaaatatgc tgtaagtgtt ctaaacaact aaacctgtat 300
 cttgtaattg ttatcaggat ctgtgtttta cttgccttgg tgtcttttta actagtactt 360
 ttgttctact tctttaactt tgtattctgt tacagatcag gaaacttgat gactcagaat 420
 tccgcaatgc cttttctcgt gctttcatac ggggtgggtg atatttatatt tggctacatt 480
 ctgctttcaa tattttttta gttgcttttg ttaatgtaca tctctgattg gtccaagtga 540
 gggaatatga ttgaggttat tctacaagtc ctagtctg 578

<210> 2883
 <211> 625
 <212> DNA
 <213> Glycine max

<400> 2883
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cttcataatg ttcctttgaa aaccatgaag tgacctttgg agaggggtgg ggtgatggag 180
accatgttgt ccttttgccc ttattggaag agtgaccctt tgtaggctca ttttcctttt 240
gtgatattgt ttttaggggt gtaggtctgt gcctaattgt cttcatcttc ttgccttttag 300
ttttagccat tgatggagggt taaggataaa ggacgaaaaa gaggttgaaa aggggttgag 360
aagaagatag gatgtggggt atgtctatta aggtttgaaa aaaaggggtg agtgttagaa 420
aagtgaggat tttaggtaaa ggtttaggta tttacaagaa cagagaaagt gtatttttgt 480
ttctaaaaat gttttagaca ctctgtaatc gattaccaag tgttgtaatc gattatagcc 540
taccctagaa agagtttaag gcctcttcaa aaatggtaat cgattatcaa tcagtgtaat 600
ctattactcc caacccttaa atcct 625

<210> 2884
<211> 433
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 2884

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cacacaatgt taatggggca agagcaattt ttttgtgttg gtgcgataga actattatgc 180
tccgttgga gaacacccca tggaataata aacttacttc aaccattat gccccctact 240
catgacgcga tcctgtatta caacaggaaa tggggcatgc caccgcagaa caaatttgtt 300
ggatgcgcgt tcacaggaaa aaatcctaag aaattttaaa ttccttcaac atgtaccatc 360
gatgaactga aggatttatt aagcaagttg cacctaaaaa gattctccct cttggaaatc 420
acgaatcaca aac 433

<210> 2885
<211> 843
<212> DNA
<213> Glycine max
<400> 2885

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 tccacaatct tatcgtacat cggtagtgta ttttctgtta tgcaccttgg catgcgatct 120
 acgggcggtc tatagctttt gcgtagacat ttaccgctta gctctgggct tgttgtgggt 180
 ggccagactg taaattttga gttgtaccgc gattgaggcc tcttgaaatt cattcccaag 240
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 gcatagaata acaatgggtg tcacgcgcta accgccatat aaacgaactt agtgcaactt 360
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 tcgcgcatcc ttgtgatttc atatcggatc taatgccggc ttatgcatag ataatgcata 480
 ctactggcgg tggctcaata atgcagagcc cctgtaagcc tattccgcga agctgagccc 540
 ttcaatcaca aaaaaggggg cagcattgac aatcacattc ctttggcttg aaatgttcat 600
 agagaacctt gtgtagcaac ctgagctaga ttattctggg aaaaagtctg ccgcttttct 660
 cctctatgtt gtcagaaact aaatgtccgt tgcacttaaa tttcatttta tatgtacaga 720
 ttctattgcc tttgggtggc ttttaacaacc cctcttgggg tatctcatgg agccgtctat 780
 gggactacct ctcaattgaa tgcgatcttg ttttgttttc ctcaaaacaa cctttaacgg 840
 acc 843

<210> 2886
 <211> 392
 <212> DNA
 <213> Glycine max

<400> 2886

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 gagcagatga gagccctact gaggtccagg atcaaagtat ttggaccatt tccatgtctt 180
 aaacatgggt cttctccatc atggagggga gacgcaccat gttcctaccc aggatggaaa 240
 acccgagttt agcattgggt tgggaatgct tgatcacgct cttagggggg taggcctagg 300
 agtagcacta cactccttgt ccaaattctc ctttttttcc ccacgagttg gagttttgct 360
 ggctacctgg aaagaccacg caccctgtgt cc 392

<210> 2887

<211> 435
 <212> DNA
 <213> Glycine max

<400> 2887

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tcctttgtag tgatggatat tgattagttt ttttagtctt actgtaatga tattgccatg 120
aaaaaatcca tgacaaagca aaagtggaga aataagtcta ccggaatttg tgattcctga 180
gaaattaaat tgttttctaa attgagcaaa tccttggtga acctgctctg ggaaaatctc 240
cggaataggg ccaaagaaat tccaccattg taagaaccaa tttgggaaat tatagattgt 300
gttggttttg aaagatatta accatgagtg cttgaagcgg gtgttttggg gccaaaaaac 360
ctttgtccaa gcattaacat aattccaata ggtataacct acaggatcaa atggtactga 420
aaattttttc ccctt 435
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<210> 2888
 <211> 438
 <212> DNA
 <213> Glycine max

<400> 2888

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tttttaaatt tcgagcctct caacatatta tgcgcccgaa tcggacatcc gtgtgaaaag 120
tcatgatcat ttgaatttct cgagagtttc cgatgtttta tttcgagcgt attgatatat 180
tataaccctg aatcggacct cagtgtgaca agttatgacc atttgaattt gacgagagct 240
tccgttggtc aatttcgaat atcactatat gtgatgcgcc taaattggac atccggggga 300
aaagctatga ccatttgaat ttctcaagag cttccgttgc tcaatattga gcgtctcgat 360
acgtgatttg cctgaatcgg ccatccgtgt gaaaaagtat aaccatttga atttctcaag 420
agcttccggt gttcaatt 438
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<210> 2889
 <211> 366
 <212> DNA
 <213> Glycine max

<400> 2889

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 atagagacgc tcgaaaatga acaacggaag ctctcgagaa attcaaattg tcataacttt 120
 tcacactgac gtacgattca tgcttataat atatggatat gctcagaaat aaacatcgga 180
 agctctcgag atattcaaatt ggtcataact tttcacatgg atgttcgatt cgtgtgcata 240
 atatgtcaag aggtcaaaa ttgaacaacg gaaggtcttg agaaattcaa atgttcataa 300
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 cggaac 366

<210> 2890
 <211> 473
 <212> DNA
 <213> Glycine max

<400> 2890

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 gtgagctact tcagaaatat gttggtgagg gggctatgat gggtcgtgaa ctattttagg 180
 taaaatgcac aagactccgt cctctagctt ttttttatca ttgtttcgat gaaaataaat 240
 cattcgacta aaattttctg attttttagat ggctcggta aagaaggcat gcattgtgtt 300
 ttttgatgaa attgatgcaa ttggaggagc tcgatttgat gatgggttg gaggtgacaa 360
 tgagggtcac cgcacatgc ttgaaattga gaatcacctt gatgggtttg atgctagggg 420
 aaacaataaa tttttgatgg caactaacag ggtggttgaa tttattgtga gag 473

<210> 2891
 <211> 456
 <212> DNA
 <213> Glycine max

<400> 2891

accgatact atacacaacc ctagcttgta ttatataata tccttgaatc ttcaatcaag 60
 aatttgatat tctgaaggcc aaaaataccg agatatattt aaaaaattat taatctatcc 120
 taataaatac ttattcatat tctcaaattc tgtatcatat ccttccattc attatatttt 180
 ttaaaaaataa aattatctgt caacaatgtc ataccataat gggtatctaa tctaaactat 240

ttaacctggc aaaacgataa tttttgttat tatgatgaac aagaattata aattataaaa 300
tcttagtcat ataatgaaaa ttaaaaaaat acatataatt ttgtaagtga ttattcaacc 360
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tataagatga tgatttacat taagatggag tcaatg 456

<210> 2892
<211> 522
<212> DNA
<213> Glycine max

<400> 2892

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ctaaggagag aaggaaaatt tccaatccta cgaaaaaaag agaggaaagg gaatttccaa 180
tccaagagtg ggagaaagcc ccaagaaaag aaagaaaacc cccaatcaaa gaatgggaga 240
aagaaaacag agaagaagaa aggggaagaa gctcccgatc aaaaaaaaaat aatatgccga 300
aaggtctttg gaccggacaa tatctgaaca atacagaact gtcaccaaatt gaaaaaaaag 360
aaggaaaggg aaccatgacc taaaatgggc ttccccctt aattgacaag caaaaacttg 420
ggcgctaaca accttttttt ctcccgact aaaccgaac agaaaaagaa aaagcccga 480
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<210> 2893
<211> 1253
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 2893

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accgtcctac caacgtgaca cgacacnaat anaaaancct accctaacc atgaacacgg 180
gagctagcgc ctgcaaaaaa ataaagtctc ttgtgttcac cagccacagc ccaatatggc 240
caacaagcgc acagtgaagg gactgttccc acctaaacgt agaaatgtcc gctccaagaa 300
cactcccaca aggacgcccc ttagaaacaa ccaccgcaaa gaggtcggcc cacacgagga 360

gcagctgacg aaagggcgtt cggaacacc cccgacgtct acggcgccgc ggacctatat 420
acgcggggaa gtcgaatcnc aattgtaacg ggcaaggaac gataggcaca gctgggaata 480
tccaagagga gtcatatgga ggggaaaacc tagagcgccc tcaaaaggcc ccgccacgca 540
caagtcgacc cattaagaac aatcgcccaa aagaacggga tggcccactg ggggaacgac 600
ccatggcaaa ttaccaccga ttagaagaaa gggctcccgg acacacaata gaaacggaat 660
gcggaaccca gtcaccaacc tctccgcggc aacgaaacag gacagggctc acacgaggct 720
cgtatcaagc caaatagcca acctccttcg tggataagag acggacacca catttcacat 780
gcagacgagc ctatccaccg tctanacatt cgaggcatct catcataata gtggctgcgg 840
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gaggcgagtc gccgaccacg agcgacgaca gcccgncagc tgccactcac attcactgat 1200
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<210> 2894
<211> 366
<212> DNA
<213> Glycine max

<400> 2894

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aaattgtcaa taacgaaaaa tataactatc atatatgttg taacaaatca ttttaacccaa 180
atcatatgta tcacgttaaa aagtttaatg tcaaccttag gtattatatt ccccttgggt 240
ctattaaata tttttttcct ttttgtcaga gttgttggtg agcttatgtg tttgttgagt 300
gactatagtc agatgtttat cgatgttatt cttcactcca ccattaatgg ttccttgaac 360
cttgat 366

<210> 2895
 <211> 533
 <212> DNA
 <213> Glycine max

<400> 2895

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 atgatttcta agtccaaaac caaagaagag catctaataca acttacggaa gttgttcgag 180
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 cgcttgaact acatcaccag gttcatatca cagctcacgg ctacctgcaa gccgttattc 420
 aagcttttgc gcaaggatca gtccgttcgt tggaatggtg attgtcaaga ggtgtttgga 480
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<210> 2896
 <211> 201
 <212> DNA
 <213> Glycine max

<400> 2896

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 ctgggccgcg cgcggtggtt gtggaaacac cgcacctaca tgggcagtta caaatgcgcc 180
 accttggcct ttcggcactg a 201

<210> 2897
 <211> 941
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 2897

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nttataaaga ntncgtactt gggatgtaaa aggagtggaa atttagataa tgcgatattt 180
 attttttatg agcgatgtac gagaaataag gatagtgatg tattagaaaa tatttgacag 240
 actgcaataa agttatcaaa gaggactgat aatcttaata agtataatga aatgatatat 300
 tgtagtgaag gagaaacacg tctgaagttt tgtattaaac gtgaacagag aacagcggat 360
 actatcaata aaagaaaact gatttatagt aaagtaagaa gagttacgaa aaagacaata 420
 ctttggttaag tttgatatga aaaagatgaa ttgtgatctg gacaaatgga agaagtattt 480
 aatggtagtt ataactaagg agtattttgaa gctagttcta ttgaagggtg ataattataa 540
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 gcggggagat tgtgaaggga tattaagatg aggataggag atggaaaagg aggtatatag 660
 caaaaggtag tgttatatta aatgtaatta ttttaaagga aattagggaa gagaccttta 720
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 gatggaatga aaggggttta agtaaagaga tattaaattt aaggtagatg aaaaaattgg 840
 gcatgttggt taagataaat gagaaaggct ttgttgattg gggaggatct ggatgggaat 900
 aaaagggagg ttggcgcggt aaagaaagaa cggtttttgt t 941

<210> 2898
 <211> 473
 <212> DNA
 <213> Glycine max

<400> 2898
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 tagatactta actgataaat catatatatg tgatagtagt aattaattaa aactatatat 180
 atataggaca aagatatatt attgattaaa tttttaaaaa acaaaatatt gttagtgatt 240
 atttttttaa atgaatatat gtaacataat tagaattgac agtaaactgt atggtaaaaa 300
 acacagttat aatattaaga aaaaaattta atcaaactc ctatttttaa tataactatg 360
 cttattataa taaaacatta aaataccata attggatttg gatgtcctaa aacaactggc 420
 actaatcctt tttaaaaaaa acttataact caaattgata aaagcttatc aat 473

<210> 2899